Treating hyponatraemia secondary to SIADH; patient case studies, step-by-step processes and clinical outcomes

12:30 Sunday 19th May 2013
Camlica Room, B2, Istanbul Congress Center, Istanbul

12:30 Lunch
12:40 Welcome and introduction
Norbert Lameire

Case studies: Treating hyponatraemia secondary to SIADH
12:50 Pre-operative hyponatraemia
or
Hospital-acquired hyponatraemia
Sunil Bhandari

13:05 Hyponatraemia in oncology
or
Hyponatraemia in pulmonary infections/diseases
Volker Burst

13:20 Post-operative hyponatraemia
or
Drug-induced hyponatraemia
Esteban Poch

13:35 Questions and answers
All

13:40 Close
All

For more information please visit stand S7

To find out more visit www.hyponatraemia.com
## CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome Address</td>
<td>4</td>
</tr>
<tr>
<td>Foreword on the Scientific Programme</td>
<td>6</td>
</tr>
<tr>
<td>ERA-EDTA Council</td>
<td>8</td>
</tr>
<tr>
<td>Organising and Scientific Committees</td>
<td>9</td>
</tr>
<tr>
<td>Paper Selection Committee</td>
<td>10</td>
</tr>
<tr>
<td>ERA-EDTA Information</td>
<td>18</td>
</tr>
<tr>
<td>Congress Information</td>
<td>20</td>
</tr>
<tr>
<td>Press/Media Information</td>
<td>24</td>
</tr>
<tr>
<td>Accepted Abstracts</td>
<td>26</td>
</tr>
<tr>
<td>ERA-EDTA Awards and Grants</td>
<td>28</td>
</tr>
<tr>
<td>CME Credits</td>
<td>41</td>
</tr>
<tr>
<td>Istanbul General Information</td>
<td>43</td>
</tr>
<tr>
<td>Renal Run</td>
<td>49</td>
</tr>
</tbody>
</table>

## SCIENTIFIC PROGRAMME

<table>
<thead>
<tr>
<th>Date</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, May 18, 2013</td>
<td>50</td>
</tr>
<tr>
<td>Sunday, May 19, 2013</td>
<td>89</td>
</tr>
<tr>
<td>Sunday, May 19, 2013 - posters</td>
<td>143</td>
</tr>
<tr>
<td>Monday, May 20, 2013</td>
<td>243</td>
</tr>
<tr>
<td>Monday, May 20, 2013 - posters</td>
<td>297</td>
</tr>
<tr>
<td>Tuesday, May 21, 2013</td>
<td>399</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Sponsored Symposia</td>
<td>429</td>
</tr>
<tr>
<td>Industry Exhibition</td>
<td>449</td>
</tr>
</tbody>
</table>

Dear Colleagues and Friends,

We are extremely honoured to welcome you to Istanbul for the 50th Congress of the ERA-EDTA. We are also pleased to host all of you in Turkey for the third time. We sincerely believe that your contributions to the outstanding scientific programme which will be combined with the historical richness and the natural beauties of Istanbul, especially during The Golden Year Celebrations of ERA-EDTA, will be of great value.

Many people have worked very hard for the organization of this Congress in order to bring you the best from a scientific, technical and social point of view. First of all we would like to thank Prof. Rosanna Coppo for managing the scientific programme with a great effort and success and we hope that all the participants will comprehensively learn and be updated on all topics and points in their search for excellence in their careers. This outstanding scientific programme will be a good opportunity to discuss the hottest topics in the fields of clinical nephrology, hypertension, dialysis and kidney transplantation. Traditionally, CME sessions will be held before the official opening of the congress. We believe that these sessions will be very useful for nephrology fellows and particularly for young nephrologists.

A total number of 2,400 abstracts were submitted from many countries all over the world and this has seriously brought high quality to the organization. In this respect we deeply thank Prof. Markus Ketteler and all the members of Paper Selection Committee for their hard work in evaluating and choosing the free communications and the posters that will be presented at the Congress.

Istanbul, the only city built on two continents “where East meets the West”, guards the precious relics of the three empires, Roman, Byzantine and Ottoman, of which it has been the capital. It is a fascinating mixture of the past and present, old and new, modern and traditional with museums, churches, palaces, castles, mosques and bazaars, and inexhaustible sights of natural beauty. The New Convention Centre was opened in 2009 and is located at the heart of the city, only within 10 minutes walking distance to many exclusive hotels. Under the pleasant atmosphere of Istanbul, the third “Renal Run” will be organized during the Congress.

This city with her historical role of serving as a cultu-
WELCOME ADDRESS

...ral melting pot over millenniums has the capacity of providing ideal settings for any action to be more purposeful, memorable and meaningful. We strongly believe that this congress will have a good impression in the memories of our esteemed guests.

Hoping that you will have a most memorable scientific and cultural experience in Istanbul, we extend our warmest regards to all participants to this Congress.

Best wishes.

Raymond Vanholder
ERA-EDTA President

Gültekin Süleymanlar
Congress President

Cengiz Utas
Congress Secretary
50 YEARS OF HISTORY: THE ERA-EDTA SILK ROAD IN NEPHROLOGY

The Scientific Programme of the ERA-EDTA Congress in Istanbul will contribute to the celebration of the 50th anniversary of our Society by having exciting new initiatives.

The schedule will begin by setting an early start in the morning of May 18, with the ERA-EDTA Working Groups Scientific Fairs offering 30 CME Courses that will allow participants to receive important updates in hereditary renal disease, immune mediated glomerulonephritis, cardiovascular complications, haemodialysis, uremic toxins, transplantation and paediatric nephrology.

During the entire Congress a particular focus will be provided on two scientific themes which will have dedicated halls with a continuous programme: “Paediatric Nephrology, genetic diseases and early diagnosis of renal disease” and “Renal transplantation: how to improve organ recruitment and preserve long term graft function”.

A disease-oriented thematic organization of the programme will guide attendants through the most recent advances in other relevant scientific areas, always integrating basic science with the clinical context, looking at new risk factors, early biomarkers and new therapeutic perspectives.

The ERA-EDTA Registry will present its most recent works.
Other symposia will be held in collaboration with the American Society of Nephrology and the Chinese Society of Nephrology and will present different aspects of Nephrology in other continents.

A true novelty will be the “Overview of healthcare in Nephrology, Dialysis and Transplantation in Europe”, where representatives of several European Countries will present “lights and shadows” of individual national system organizations for dialysis, transplantation and prevention of kidney diseases.

Another novelty will be the Symposium dedicated to the countries in which Nephrology is developing, countries less frequently represented at our yearly meetings, to make them feel our congress more and more as a moment of relevant networking of the entire Renal Community.
Hands-on courses on interventional nephrology and ultrasound in Nephrology and Master Classes will complete the high level educational programme.

The gems of the scientific programme will be the three outstanding plenary lectures. The ERA-EDTA has the honour to host a lecture of the 2011 Nobel Prize in Physiology and Medicine, Jules Hoffmann, on the discovery of innate immunity from flies to humans. The incoming President of the ISN, Giuseppe Remuzzi, will present a plenary lecture with an attractive title: “Will it one day be possible to engineer a complete kidney? Problems and perspectives”. “Improving outcome of patients with CKD: diets and enteral supplements” is the last lecture which will be held by an outstanding expert of Turkish origin, Talat Alp Ikizler. Moreover, Mehmet Sükrü Sever will give a talk on “The link between disasters and Nephrology” during the Opening Ceremony on May 18.

I heartily invite all of you to join us in the beautiful city of Istanbul for such an outstanding ERA-EDTA Congress.

Rosanna Coppo
Chairperson of the Scientific Committee
President
Raymond Vanholder, Belgium

Secretary-Treasurer
Andrzej Więcek, Poland

Chairperson of the Administrative Offices
Markus Ketteler, Germany
(Chairperson of the Paper Selection Committee)

Editor-in-Chief of “Nephrology Dialysis Transplantation”
Carmine Zoccali, Italy

Chairperson of the Registry
Christoph Wanner, Germany

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Denis Fouque, France
Jonathan G. Fox, United Kingdom
Loreto Gesualdo, Italy
Marian Klinger, Poland
Ziad Massy, France
Mehmet Sükrü Sever, Turkey
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Congress Presidents (Istanbul - Turkey)
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Raymond Vanholder, Belgium
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Raymond Vanholder, Belgium

Congress President
Gültekin Süleymanlar, Turkey

Congress Secretary
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Vladimir Tesar, Czech Republic
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Andrzej Wiecek, Poland
ERA-EDTA is grateful to the following physicians for the work done in reviewing the abstracts submitted to this year’s congress.

Chair
Markus Ketteler, Germany

Core group
Rosanna Coppo, Italy
Denis Fouque, France
Gültakin Süleymenlar, Turkey
Cengiz Utas, Turkey

Section Chairs

Acid-base/Na, K, Cl, Proteins and cell physiology
Carsten Wagner, Switzerland

Cell signalling, Cell growth control and related alterations
(hypertrophy, hyperplasia and apoptosis)
including neoplasia
Jesus Egido, Spain

Renal development and cystic diseases
Adrian S. Woolf, UK

Genetic diseases and molecular genetics
Olivier Devuyst, Switzerland

Hormones
Peter Gross, Germany

Basic and clinical hypertension research
and renal haemodynamics
Roland E. Schmieder, Germany

Acute Renal Failure - Human studies
Norbert Lameire, Belgium

Acute Renal Failure - Experimental models
Andreas Kribben, Germany

Lab methods, progression & risk factors for CKD, nutrition in CKD, renal diseases (except GNs and cystic diseases)
Danilo Fliser, Germany
General and Clinical Epidemiology and CKD 1-5
Bénédicte Stengel, France

Anaemia in CKD 1-5
Michel Jadoul, Belgium

Bone disease in CKD 1-5
Pieter Evenepoel, Belgium

Pathophysiology and clinical studies in CKD 1-5
Ivan Rychlik, Czech Republic

Nutrition, inflammation and oxidative stress in CKD 1-5
Denis Fouque, France

Diabetes - Basic research
Erwin Schleicher, Germany

Diabetes - Clinical studies
Peter Rossing, Denmark

Acid Base and N/K related diseases, nephrolithiasis, divalent ions and divalent ions disorders
Giovanni Gambaro, Italy

Clinical Nephrology, primary and secondary glomerulonephritis
Claudio Ponticelli, Italy

Experimental pathology
Peter Mathieson, UK

Immune and inflammatory mechanisms
Hans-Joachim Anders, Germany

Renal histopathology
Jan J. Weening, The Netherlands

Extracorporeal dialysis: techniques and adequacy
Martin K. Kuhlmann, Germany

Peritoneal dialysis
Olof Heimbürger, Sweden

Cardiovascular complications in CKD 5D
Carmine Zoccali, Italy

Vascular access in extracorporeal dialysis
Pietro Ravani, Italy/Canada

Bone disease in dialysis patients
João M. Frazão, Portugal
Pathophysiology and clinical studies in CKD 5D patients
Raymond Vanholder, Belgium

Epidemiology, outcome research, health services research in CKD 5D
Friedo Dekker, The Netherlands

Protein-energy wasting, inflammation and oxidative stress in CKD 5D
Peter Barany, Sweden

Transplantation basic science and immunetolerance of allogenic and xenogenic transplants
Bruno Watschinger, Austria

Clinical epidemiology of renal transplantation
Anders Hartmann, Norway

Paediatric nephrology
Christer Holmberg, Finland

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Martin Zeier, Germany
ERA-EDTA Membership Office
You will find the ERA-EDTA Membership Office in the Registration Area of the Istanbul Congress Center (Level B1). It is possible to pay membership fees and become a new ERA-EDTA member.

How to vote for the new Ordinary Council Members
All Full members of the ERA-EDTA will be able to vote for a maximum of two (2) candidates. Also this year, electronic voting online was possible (April 10 – May 10).

Only members who have not already voted online will be able to vote onsite. The voting station, next to the ERA-EDTA Membership Office, in the Registration Area, will be open from May 18, 2013 until May 21, 2013 (following the opening hours of the Registration Desks). On May 21, 2013 the voting station will however close at 10:00. In any case immediately at the beginning of the General Assembly (see details below) it will still be possible to vote. A valid identification document (i.e. passport of national identity card) of the Full member who wishes to vote must be personally shown in order to vote. Vote by proxy is NOT possible. Only paper ballot voting will be possible.

Candidates for Ordinary Council Membership (in alphabetical order according to last name):

- Dimitrios S. Goumenos (Greece)
- Michel Jadoul (Belgium)
- Petar Kes (Croatia)
- Jacek Manitius (Poland)
- Alberto Martinez-Castelao (Spain)
- Gert J. Mayer (Austria)
- Robert Zietse (The Netherlands)

A short curriculum for each candidate will be on display at the voting station and is also on the ERA-EDTA’s website (www.era-edta.org, section “About ERA-EDTA”, click on “Council Candidates 2013”).
General Assembly 2013
All ERA-EDTA members are invited to participate in the above mentioned annual meeting. Access is open to current members only: please have your ERA-EDTA membership card with you to allow access to the meeting (access to the meeting room will be monitored). Full ERA-EDTA members have voice and vote during the meeting; Associate ERA-EDTA members have voice, but no vote. The 2013 meeting will take place on May 21, 2013 from 10.30 to 11.30 in room “Beylerbeyi” located on Level B2 of the Istanbul Congress Center.

Reasons to become an ERA-EDTA member
1. Free paper and/or online subscription to the journals “Nephrology Dialysis Transplantation” (NDT) and “CKJ” (“Clinical Kidney Journal” - former NDT-Plus).
2. Free password to access the Directory of ERA-EDTA Members on Internet.
3. Discounted registration fees at the annual ERA-EDTA Congresses.
4. Presentations of the ERA-EDTA CME Courses.
5. 25% or more discount on Oxford University Press medical publications. Both lists of books and order forms are available at the ERA-EDTA Membership Office Desk or at the OUP booth in the exhibition area.

Go and check out all the latest initiatives of the ERA-EDTA (including educational activities, grants, etc) on our website www.era-edta.org:
1. Membership information
2. Directory of all ERA-EDTA members
3. Annual ERA-EDTA Congresses
4. NDT and CKJ Journals
5. ERA-EDTA Fellowship Programme
6. ERA-EDTA Grant Programme
7. ERA-EDTA Research Programme
8. European Renal Best Practice (ERBP)
9. ERA-EDTA CME Courses
10. ERA-EDTA Registry
11. NDT-Educational
12. European National Societies
13. ERA-EDTA Working Groups

To find out more about the ERA-EDTA (more advantages, educational initiatives, CME Courses, grants, etc.) visit the society’s website www.era-edta.org
Abstract CD and Abstract Book
A CD, with all the accepted abstracts, is in all delegates’ bags. Only a few Abstract Books have been printed. Should you wish to receive one you can collect it at the Membership Office in the Registration Area (Level B1) or at booth L10 (“ERA-EDTA Activities”) located in the Exhibition (Level B5).

Certificate of attendance
All regularly registered delegates can collect their certificate of attendance at the appropriate desk (“Certificate of Attendance”) located in the Registration Area starting May 18, 2013 after 15.00 hours. To obtain the certificate of attendance, it is mandatory to go to this desk and have the original badge scanned; so if you are attending the entire congress, ask for your certificate only on the last day. The certificate of attendance for the whole congress will be given on May 21, 2013 only.
If you are not able to go to this desk to collect your certificate due to other commitments, you can send a written request to the ERA-EDTA Congress Office after the congress (e-mail: registrations@era-edta.org), it will then be sent to you by e-mail.

Coffee and tea break
Complimentary coffee and tea will be served to registered delegates only in exchange of the beverage vouchers received together with the congress badge, in the catering areas of the Exhibition (Level B5), during all coffee breaks.

Congress membership
Regularly registered participants are entitled to attend all Scientific and Poster Sessions, Opening Ceremony with Welcome Reception and Industrial Exhibition. Onsite they will also receive a congress kit (including Final Programme and Abstract CD). Accompanying guest registration is not available; however, all participants can take part, with their accompanying guests, in the Opening Ceremony and Welcome Reception on May 18, 2013.
All participants must wear their name badge when attending any congress or social event. Please note that only attendants wearing delegate badges are entitled to attend lecture and poster sessions. The information printed on the badges is exactly the one provided by participants when registering.

Recycle your badge! You will find special bins at the exit of the congress centre (registration area) where you can throw your badge as you leave the congress.
Reprint/Lost-forgotten badges
A “Reprint desk” for lost or forgotten delegate badges will be available in the Registration Area. In order to obtain a replacement of a lost/forgotten badge, it is mandatory to show a picture identification document (passport, driver’s licence, etc.) and it will cost euro 50 and only cash will be accepted. Replacement badges will be given free of charge on May 17-18. Starting May 19, the badges will be subject to a fee of euro 50 cash only.

CME Courses
In order to participate in the CME Courses held on May 18, 2013, all regularly registered congress members must go to the session halls and have their badge scanned by the hostesses at the entrance (at participant’s own responsibility). Please note that the seat capacity of the conference rooms is limited, therefore participation in these courses will be on a “first come first served” basis. The courses are reserved to regularly registered congress members and are included in the registration fee.

Facilities at the Istanbul Congress Center
A Cloak Room is located on the Level B0/Entrance; this service will be available for the entire duration of the congress.
An internet point is available on the Level B1; all the congress centre is provided with wi-fi, with the exceptions of the session halls.
Snack bars are available in the Exhibition (Level B5).
There is a bank on the Level 0, while a small business centre is on the Level B3.
The “Borsa” Restaurant is located in the ICEC.

Grant policy
All ERA-EDTA travel grants had to be applied for in advance and have already been assigned. No additional travel grants, reduced fees or financial support of any kind can be given to participants.

Insurance / Liability
Participation in this Congress implies that persons/participants agree that the organizers do not assume any liability whatsoever. Upon registration, the participant accepts this proviso.

Language of the Congress
The official language of the Congress is English. No simultaneous translation will be provided.
Lunch
Snack bars and catering areas will offer light food for purchase; they are located in the Exhibition (Level B5). Most of the Companies that have arranged the Industry Sponsored Symposia will offer lunch to the participants.

Post-Congress Correspondence
If you wish to contact the ERA-EDTA after the Congress, the address is: ERA-EDTA Congress Office, Via I. Spolverini 2, 43126 Parma (Italy). Telephone: +39-0521-989078, fax: +39-0521-959242, e-mail: congress@era-edta.org or registrations@era-edta.org

Programme changes
The organisers cannot assume liability for changes in the programme due to external or unforeseen circumstances.

Registration / Information
A confirmation letter and congress materials (badge and beverage vouchers) have been sent by post to regularly pre-registered participants.

The registration and information desks are situated in the Registration Area of the Istanbul Congress Center.

The desks will be open at the following times:
Friday, May 17 11:00-19:00 hours
Saturday, May 18 07:00-19:00 hours
Sunday, May 19 07:00-18:00 hours
Monday, May 20 07:00-18:00 hours
Tuesday, May 21 07:00-13:30 hours

Receipts
Pre-registered delegates may request the receipt of the congress registration payment by personally giving their full address to the ERA-EDTA Congress Office or by sending a request to registrations@era-edta.org. Receipts will be sent upon request and only after the congress.
On-site registered delegates may request the receipt of the payment by ticking the appropriate box in the on-site form or personally giving their full address to the ERA-EDTA Congress Office or by sending a request to registrations@era-edta.org. Receipts will be sent after the congress.

UEMS CME Credits
The 50th ERA-EDTA Congress has been designated for a maximum of 21 hours of European external CME credits.
Please refer to page 41 for further accreditation details.
ERA-EDTA cannot be deemed responsible for forgotten, lost or stolen personal belongings and Congress materials.

SPEAKERS INFORMATION
The Speakers’ Preview Room is located on the Level B1 of the Istanbul Congress Center.
All presentations need to be prepared as PowerPoint files and will be loaded on a central server in the Speakers’ Preview Room.
All speakers should bring their presentations stored on a CD-ROM, DVD or USB memory stick to this room no later than 2 hours before the start of their session (or the afternoon of the day before if the slides refer to the first morning session).
The use of laptop computers and traditional slides will not be possible.

The Disclosure of Interest of all Invited Speakers and Chairs will be made available at the beginning of the sessions. Moreover, they have been posted on the Istanbul Congress website www.eraedta2013.org, under a special section.
INFORMATION
FOR PRESS/MEDIA REPRESENTATIVES

Media registration
Pre-registered journalists can pick up their press passes in the press lounge (ICC B1 Level, Room 1.1). The press pass provides access to all sessions and symposia of this congress.

Also for onsite registration, media representatives are kindly asked to come to the press room. The following identification will be required: press identification/press card and a letter of assignment from the news organization being represented.

Please note: Public relations personnel and exhibitors cannot register as Press!

Press room
ERA-EDTA will be providing a fully-equipped press lounge (computers with internet access/printer) in Press Office 1.1, Level B1. Press folders and other materials will be available. Opening hours:
Saturday, May 18: 08:00-18:00
Sunday, May 19: 08:00-18:00
Monday, May 20: 08:00-18:00
Tuesday, May 21: 08:00-13:00

ERA-EDTA press events
(Press Office 1.2, Level B1)

Opening Press Conference
Friday, May 17, 11:30-12:30
Topics will be:
- Hypertension, Diabetics and CKD – a frequent alliance
- Focusing on salt: How to eat “Kidney-friendly”? 
- Pediatric Nephrology: How an early diagnosis might beware children of dialysis and improve cardiovascular comorbidity
- Reflux Nephropathy

Press Briefing on the ERA-EDTA’s Working Groups
Saturday, May 18, 17:00-17:45
- Overview of the ERA-EDTA’s Scientific Working Groups and the First Working Group Fair
- European Renal and Cardiovascular Medicine Working Group EURECA-m
- The ERA-EDTA Working Group on inherited kidney disorders: WGIKD
- The ERA-EDTA Immunonephrology Working Group
Late Breaking Clinical Trials Press Briefing
Sunday, May 19, 10:30–11.30
The “Late Breaking Clinical Trials” (LBCT) will be presented in this press briefing. Journalists will be informed about latest research findings and will have the opportunity to speak to the principal investigators of the LBCT.

Embargo policy
All LBCT are confidential until officially released by ERA-EDTA in the LBCT sessions of the scientific programme. Unless otherwise noted, all abstracts presented at the ERA-EDTA are embargoed until the date and time of their presentation.

Press Office ERA-EDTA 2013
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ACCEP TED ABSTRACTS

Free Communications
The presentation time for all free communication sessions is 10 minutes, followed by 4 minutes of discussion.
The free communications which will be presented in the symposia, instead, will last 8 minutes and will be followed by a 4 minute discussion.
All speakers are requested to keep to their allotted time. Please ensure that you are in your session hall at least 10 minutes before the session starts, and remain until the end of the session.
All presentations need to be prepared in PowerPoint. All speakers should bring their presentations stored on a CD-ROM, DVD or USB memory stick to the Speakers’ Preview Room no later than 2 hours before the start of their session. The use of laptop computers and traditional slides will not be possible.

Posters
Posters will be displayed in the Poster Area located in the Level B4/Rumeli Halls of the Istanbul Congress Center.
There will be two poster sessions, with the following timetable:

Sunday, May 19  10:15-11:45
Monday, May 20  10:15-11:45

Authors should mount their poster on the day of their session starting at 07:30 and dismantle it after 17:00 hrs the same day. The poster panel measures 90 cm width x 200 cm height (portrait/vertical). The organisers will provide suitable fixing material during this period (07:30-17:00).

The code number of each poster indicates both the position of the display board as well as the abstract number in the Abstract CD-ROM.

Presenting authors are kindly requested to be present throughout the official poster viewing time (both time-slots) in order to explain their research and to answer questions from the delegates. There will be no guided formal discussion but chairpersons will pass through the aisles to stimulate the discussion between authors of abstracts on similar topics.

ERA-EDTA cannot be deemed responsible for lost or stolen posters.

Posters which are not dismounted by the end of each day will automatically be disposed of.
Abstract numbering system
e.g. **SP313** = Sunday, poster number 313

S = Sunday  
M = Monday  
T = Tuesday

O = free communication  
P = poster

Number: Abstract number and reference number for the Abstract CD-ROM

**Publication**
All submitted abstracts which have been accepted for presentation will be published in *NDT Volume 28 Number S1 May 2013*, as well as in the Abstract CD included in the delegates’ congress bags.

In addition, authors are encouraged to submit their final manuscript to be peer reviewed for publication in *Nephrology Dialysis Transplantation*. All manuscripts should be submitted online at:  

http://mc.manuscriptcentral.com/ndt

**Poster service online**
ERA-EDTA will offer all delegates the chance of consulting the posters from the Poster Virtual Gallery stations located in the booth R2 in the Exhibition Level B5 and in the Level B4. This online service will start from Saturday, May 18 and will remain available online for twelve months.
ERA-EDTA AWARDS AND GRANTS

Also this year the ERA-EDTA has decided to give up to 90 travel grants for young nephrologists (under 40 years of age) to attend the Istanbul Congress. The total sum – EUR 50,000 - has thus been allocated to the best rated abstracts in the various categories.

All winners will receive:

a) Free Congress Registration;

b) A grant for EUR 500, except for the Presenting Authors of the best abstracts of each category whose grant will be of EUR 1,000.

The Presenting Authors of the two best abstracts of each category will also receive a diploma, independently of age.

The Paper Selection Committee has also selected the 10 best abstracts overall, the authors of which will receive a diploma.

How to receive your grant

In case of free communications, a voucher will be given to the winner of the grant directly from the Chairpersons of his/her session. Instead, poster presenters will have to go directly to the Grant Desk in the Registration Hall of the Istanbul Congress Center.

Congress awards will be given only to the presenting author of the successful abstract, who must show a valid identification picture ID, together with the voucher (if applicable), to the ERA-EDTA staff at the ERA-EDTA Grant Desk after the presentation.

Awards will not be given to co-authors/colleagues/friends/relatives; no exceptions will be made.

No other grants or financial support of any kind, besides the grants mentioned above, will be given to Congress participants.

* Ten Best Abstracts

♦ Eight Best Abstracts presented by young Authors

★ Best Abstracts presented by young Authors
Ten Best Abstracts

The authors of the abstracts below will receive a diploma.

SP260
PREDICTORS OF NUTRITIONAL RESILIENCE AND EFFECTS OF HOSPITALIZATION ON NUTRITIONAL PARAMETERS IN HEMODIALYSIS PATIENTS
Michelle Wong, New York, USA

SP624
EXTRACELLULAR VESICLES DERIVED FROM MESENCHYMAL STEM CELLS INHIBIT TUBULAR INJURY, T CELL PROLIFERATION AND PROMOTE REGULATORY T CELL DIFFERENTIATION THROUGH TRANSFER OF SPECIFIC RNAs: PROTECTIVE ROLE IN T-CELL-MEDIATED KIDNEY GRAFT REJECTION
Vincenzo Cantaluppi, Torino, Italy

MO060
TIME DEPENDENT PODOCYTE SPECIFIC NFAT ACTIVATION MEDIATES BETWEEN MCD LIKE AND FSGS LIKE PHENOTYPES
Alexis Sloan, Miami, USA

MP034
EFFICACY OF ECULIZUMAB IN ATYPICAL HEMOLYTIC UREMATIC SYNDROME (aHUS) PATIENTS WITH OR WITHOUT PRIOR TRANSPLANT
Denis Fouque, Lyon, France

MP091
MESENCHYMAL STEM CELLS ATTENUATE RENAL INFLAMMATION, MICROVASCULAR RAREFACTION AND FIBROSIS IN A MODEL OF RENOVASCULAR HYPERTENSION.
Mirian Boim, São Paulo, Brazil

MP552
SHORT AND LONG-TERM OUTCOMES OF THE HEMODIALYSIS SELF MANAGEMENT INTERVENTION RANDOMISED TRIAL (HED-SMART) – A PRACTICAL LOW INTENSITY INTERVENTION TO IMPROVE ADHERENCE AND CLINICAL MARKERS
Konstantina Griva, Singapore, Singapore

MP553
LEFT VENTRICULAR MASS IS A POWERFUL RISK FACTOR FOR ALL-CAUSE AND CARDIOVASCULAR DEATH IN END STAGE KIDNEY DISEASE (ESKD) PATIENTS ON DIALYSIS BUT DOES NOT CONTRIBUTE TO PROGNOSIS: AN ANALYSIS IN TWO EUROPEAN COHORTS.
Giovanni Tripepi, Reggio Calabria, Italy

MP554
PATIENT AND FACILITY-LEVEL VARIATION IN THE TIMING OF DIALYSIS INITIATION ACROSS CANADA: CANADIAN KIDNEY KNOWLEDGE TRANSLATION AND GENERATION NETWORK (CANN-NET)
Navdeep Tangri, Winnipeg, Canada
TO005
MIRNA LET-7E REGULATES STEM CELL DIFFERENTIATION TOWARDS RENAL LINEAGE
Georgina Hotter, Barcelona, Spain

TO006
HUMAN LIVER STEM CELLS CONTRIBUTE TO RENAL REGENERATION AFTER ACUTE INJURY
Ciro Tetta, Bad Homburg, Germany
Eight Best Abstracts presented by Young Authors

The authors of the abstracts below will receive a grant of EUR 1,000, free congress registration and a diploma.

SO013
PHOSPHATE IMPAIRS ENDOTHELIAL FUNCTION - A MECHANISM FOR INCREASED CARDIOVASCULAR RISK?
Kathryn Stevens, Glasgow, UK

SP053
CYSTEINE-RICH PROTEIN 61 MEDIATES KIDNEY FIBROSIS AFTER ISCHEMIA REPERFUSION INJURY
Chun-Fu Lai, Taipei, Taiwan Republic of China

SP260
PREDICTORS OF NUTRITIONAL RESILIENCE AND EFFECTS OF HOSPITALIZATION ON NUTRITIONAL PARAMETERS IN HEMODIALYSIS PATIENTS
Michelle Wong, New York, USA

SP648
CLINICAL RESULTS OF COMBINED AND SEQUENTIAL LIVER-KIDNEY TRANSPLANTATION: A SINGLE CENTER EXPERIENCE.
Francesca Simonato, Turin, Italy

MO004
STE20-LIKE KINASE SPAK DIFFERENTIALLY REGULATES Na-(K)-CL COTRANSPORTERS ALONG THE DISTAL NEPHRON UNDER THE ENDOCRINE CONTROL OF AVP
Turgay Saritas, Aachen, Germany

MO036
INTRA-PERITONEAL VERSUS SYSTEMIC INFLAMMATION AND SURVIVAL IN PERITONEAL DIALYSIS: RESULTS FROM THE GLOBAL FLUID STUDY
Mark Lambie, Stoke on Trent, UK

MO045
THE DISCREPANCY BETWEEN BIOLOGICAL AGE AND CALENDAR AGE: A LARGE HISTOLOGY STUDY IN IMPLANTATION BIOPSIES.
Katrien De Vusser, Leuven, Belgium

MP554
PATIENT AND FACILITY-LEVEL VARIATION IN THE TIMING OF DIALYSIS INITIATION ACROSS CANADA: CANADIAN KIDNEY KNOWLEDGE TRANSLATION AND GENERATION NETWORK (CANN-NET)
Navdeep Tangri, Winnipeg, Canada
Best Abstracts presented by Young Authors

The authors of the abstracts below will receive a grant of EUR 500, free congress registration and a certificate.

SO005
LOW BIRTHWEIGHT AND LATER RENAL FUNCTION - THE ROLE OF ADULTHOOD OBESITY. RESULTS FROM THE 1946 BRITISH BIRTH COHORT STUDY
Dorothea Nitsch, London, UK

SO011
LONG TERM FOLLOW UP OF PATIENTS WHO RECEIVED REPEAT DOSE RITUXIMAB AS MAINTENANCE THERAPY FOR ANCA ASSOCIATED VASCULITIS (AAV)
Federico Alberici, Cambridge, UK

SO016
LOCAL SYNTHESIS OF CALCITRIOL BY 1aHYDROXYLASE IS INVOLVED IN VASCULAR CALCIFICATION INDUCED BY UREMIA.
Noelia Torremadé, Lleida, Spain

SO017
SOLUBLE a-KLOTHO LEVELS IN CKD
Silverio Rotondi, Rome, Italy

SO019
T-HELPER CELLS AND FIBROSIS-ASSOCIATED MACROPHAGES DOMINATE THE PERITONEAL INFLAMMATORY INFILTRATE IN EPS PATIENTS
S Habib, Rotterdam, The Netherlands

SO020
THE PREDICTIVE VALUE OF PERITONEAL EFFLUENT MMP-2 AND PAI-1 IN PD PATIENTS WHO DEVELOP ENCAPSULATING PERITONEAL SCLEROSIS
Deirisa Lopes Barreto, Amsterdam, The Netherlands

SO021
CCN2 (CTGF) IS HIGHLY EXPRESSED IN PERITONEUM OF PATIENTS WITH ENCAPSULATING PERITONEAL SCLEROSIS (EPS)
A Abrahams, Utrecht, The Netherlands

SO022
GADOLINIUM DEPOSITS IN THE PERITONEAL MEMBRANE- SECOND-HIT FOR DEVELOPMENT OF ENCAPSULATING PERITONEAL SCLEROSIS?
Joerg Latus, Stuttgart, Germany

SO028
MEDITERRANEAN DIET, KIDNEY FUNCTION, AND MORTALITY IN MEN WITH CHRONIC KIDNEY DISEASE
Xiaoyan Huang, Stockholm, Sweden

SO037
SOLUBLE FLT-1 CONTRIBUTES TO CARDIOVASCULAR DISEASE IN CKD
Giovana Di Marco, Münster, Germany
CONGRESS INFORMATION

SO042
IDENTIFICATION OF SUBGROUPS AT HIGH RISK OF GRAFT FAILURE AFTER PAEDIATRIC RENAL TRANSPLANTATION
Danilo Lofaro, Cosenza, Italy

SO056
CRUCIAL ROLES OF MITOCHONDRIAL MORPHOGENESIS IN DIABETIC NEPHROTIC SYNDROME
Chien-Hua Chiu, Kaohsiung, Taiwan Republic of China

SO057
NEPHRONECTIN IS A NOVEL PROTEIN ASSOCIATED WITH DIABETIC NEPHROTIC SYNDROME
Shinya Nakatani, Osaka, Japan

SO061
BARRIERS TO IMPLEMENTING A FISTULA-FIRST POLICY IN EUROPE
SN van der Veer, Amsterdam, The Netherlands

SO072
INCREASED PLASMA FIBROBLAST GROWTH FACTOR 23 IS ASSOCIATED WITH AN IMPAIRED RESPONSE TO ANTI-PROTEINURIC THERAPY IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Jelmer K Humalda, Groningen, The Netherlands

SP008
CLINICAL FACTORS PREDICTING RENAL OUTCOME IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD): RESULTS OF THE GENKYST REGISTRY
Emilie Cornec-Le Gall, Brest, France

SP065
CCAAT/ENHANCER-BINDING PROTEIN DELTA (CEBPD) IS A NOVEL HYPOXIA-INDUCIBLE FACTOR 1 (HIF-1) REGULATOR IN KIDNEY, WHICH REGULATES ITS PATHOGENESIS IN HYPOXIC AND/OR INFLAMMATORY KIDNEY INJURY
Junna Yamaguchi, Tokyo, Japan

SP068
MITOCHONDRIA-TARGETED APPROACHES TO PREVENT GENTAMYCIN TOXICITY
Stansilovas Jankauskas, Moscow, Russian Federation

SP069
SOLUBLE HEMOJUVELIN, AN EARLY BIOMARKER PROMOTES IRON DEPOSITION DURING ACUTE KIDNEY INJURY
Chiung-Ying Huang, Taipei, Taiwan Republic of China

SP111
IN ACUTE KIDNEY INJURY, INDOXYL SULFATE IMPAIRS ENDOTHELIAL PROGENITOR CELLS – MODULATION BY STATIN
Vin-Cent Wu, Taipei, Taiwan Republic of China
SP133
IS ANTIPROTEINURIC EFFECT OF ACE-INHIBITORS CONSTANT THROUGHOUT THE DAY?
Gaetano Lucisano, Catanzaro, Italy

SP340
THE LONG ACTING CALCIMIMETIC R-641 DOES NOT INDUCE ADYNAMIC BONE DISEASE IN CHRONIC KIDNEY DISEASE
Thilo Krueger, Aachen, Germany

SP438
SUBEROYLANILIDE HYDROXAMIC ACID ATTENUATES PERITONEAL FIBROSIS INDUCED BY CHLORHEXIDINE GLUCONATE IN MICE
Kumiko Io, Nagasaki, Japan

SP445
HEME OXYGENASE-1 ATTENUATES LIPOPOLYSACCHARIDE(LPS)-INDUCED TLR4 AND PROINFLAMMATORY SIGNALING IN HUMAN PERITONEAL MESOTHELIAL CELLS (HPMCS).
Kitae Bang, Daejeon, Korea

SP641
LONG TERM OUTCOMES OF HIGHLY SENSITIZED KIDNEY TRANSPLANT RECIPIENTS
Jude Yagan, Boston, USA

SP652
ASSOCIATION BETWEEN A DECLINE IN DONOR CREATININE CLEARANCE AND ALLOGRAFT OUTCOMES
Tai Yeon Koo, Seoul, Korea

SP653
TRANSPLANT RENAL ARTERIAL STENOSIS DEFINED BY CONTRAST ENHANCED MR ANGIOGRAPHY IN EARLY PERIOD AFTER RENAL TRANSPLANTATION: PREDISPOSING FACTORS AND CLINICAL OUTCOMES
Jeong Kye Hwang, Seoul, Korea

SP654
THE EFFECT OF MAGNESIUM SUPPLEMENTATION ON EARLY POST-TRANSPLANTATION GLUCOSE METABOLISM
Steven Van Laecke, Ghent, Belgium

SP655
LONG TERM GRAFT AND PATIENT SURVIVAL POST RENAL TRANSPLANTATION IN PATIENTS WITH A PRIMARY RENAL DIAGNOSIS OF GLOMERULONEPHRITIS
Rishi Pruthi, London, UK

SP659
ANTI-ENDOTHELIAL CELL ANTIBODIES (AECA) ARE ASSOCIATED WITH A WORSE EARLY RENAL TRANSPLANT FUNCTION
Mirosław Banasik, Wrocław, Poland
SP661
DYSFUNCTIONAL HIGH-DENSITY LIPOPROTEIN AS A NOVEL CARDIOVASCULAR RISK FACTOR AFTER KIDNEY TRANSPLANTATION
Chantal Kopecky, Vienna, Austria

SP667
HOW TO IDENTIFY ECD POSITIVE DONORS AT LOWER RISK OF DELAYED GRAFT FUNCTION
Mariana Wohlfahrtova, Prague, Czech Republic

SP668
LIMITED PROGNOSTIC VALUE FOR CHRONIC TRANSPLANT DYSFUNCTION BY URINARY MARKERS OF TUBULAR INJURY WHEN MEASURED WITHIN THE FIRST YEAR AFTER RENAL TRANSPLANTATION
Jesper Kers, Amsterdam, The Netherlands

SP678
INFLAMMATION AND OXIDATION IN KIDNEY TRANSPLANT PATIENTS. IS THERE A RELATIONSHIP WITH MORTALITY?
Laura Cañas Sole, Badalona, Spain

SP679
THE AVAILABILITY OF PRE-OPERATIVE GERIATRIC NUTRITIONAL RISK INDEX (GNRI) INKIDNEYTRANSPLANT RECIPIENTS.
Mikiko Yoshikawa, Kobe, Japan

SP685
DETERMINANTS OF EARLY ACCESS TO THE WAITING LIST FOR PATIENTS OVER 60 IN ONE FRENCH AREA
Lise-Marie Pouteau, Nantes, France

SP689
STEROID AVOIDANCE OR WITHDRAWAL FOR PANCREAS AND PANCREAS WITH KIDNEY TRANSPLANT RECIPIENTS
Nuria Montero, Barcelona, Spain

SP690
PROGNOSTIC FACTORS FOR THE LIFE EXPECTANCY OF PATIENTS AT THE MOMENT OF KIDNEY TRANSPLANTATION
Aaltje Adema, Haarlem, The Netherlands

SP694
DONOR SPECIFIC ANTIBODIES ARE COMMON IN RENAL TRANSPLANT PATIENTS SCREENED FOR BK VIREMIA
Deirdre Sawinski, Philadelphia, USA

MO006
INTEGRATED MESSANGER RNA AND microRNA PROFILES SUGGEST AN INTERFERON ALPHA SIGNATURE IN CHRONIC ANTIBODY-MEDIATED REJECTION (CAMR) OF KIDNEY TRANSPLANTATION
Paola Pontrelli, Bari, Italy
MO017
DELETION OF VON-HIPPEL-LINDAU PROTEIN CONVERTS RENIN PRODUCING INTO ERYTHROPOIETIN PRODUCING CELLS IN THE KIDNEY

Birgül Kurt, Regensburg, Germany

MO037
FIRST PERITONITIS EPISODE INFLUENCES PERITONEAL SIZE-SELECTIVITY TO MACROMOLECULES IN PERITONEAL DIALYSIS PATIENTS.

Anouk van Diepen, Amsterdam, The Netherlands

MO040
RISK FACTORS FOR PROGRESSION IN CHILDREN WITH IgA NEPHROPATHY: DATA FROM A EUROPEAN COHORT

Roberta Camilla, Turin, Italy

MO044
VITAMIN D STATUS PREDICTS REJECTION EPISODES AND CHANGE IN ALLOGRAFT KIDNEY FUNCTION OVER TIME IN KIDNEY TRANSPLANT RECIPIENTS.

Yoshitsugu Obi, Suita, Japan

MO048
MARKERS OF INFLAMMATION, TISSUE DAMAGE AND REGENERATION IN URINARY EXOSOMES FROM TRANSPLANTED PATIENTS

Veronica Dimuccio, Turin, Italy

MO050
THE ENDOTHELIAL GLYCOCALYX AND Na+ AND FLUID OVERLOAD IN HEMODIALYSIS PATIENTS

Carmen Vlahu, Amsterdam, The Netherlands

MO055
THE INFLAMMASOME-RELATED MOLECULES NLRP3 AND ASC SUPPRESS LUPUS NEPHRITIS OF C57BL/6LPR/LPR MICE.

Maciej Lech, Munich, Germany

MO056
TREATMENT WITH HUMAN LEUKOCYTE ANTIGEN (HLA-G) ATTENUATES PROGRESSION OF LUPUS NEPHRITIS IN MRL-LPR MICE

Onkar Kulkarni, Munich, Germany

MO059
IMMUNOADSORPTION IN LUPUS NEPHRITIS: THREE DIFFERENT HIGH AFFINITY COLUMNS ARE EQUALLY EFFECTIVE IN INDUCING REMISSION

Peter Biesenbach, Vienna, Austria
MO062
PAN-GENOMIC BINDING OF HYPOXIA-INDUCIBLE TRANSCRIPTION FACTORS IN RENAL CANCER CELLS
Johannes Schödel, Erlangen, Germany

MO064
DEREGULATED MIRNAS IN RENAL CELL CARCINOMA: DIAGNOSTIC POTENTIAL, CHROMOSOMAL DISTRIBUTION, PUTATIVE GENE TARGETS AND MOLECULAR PATHWAYS IN WHICH THEY ARE IMPLICATED.
Apostolos Zaravinos, Nicosia, Cyprus

MP041
IDENTIFICATION OF QUANTITATIVE TRAIT LOCI FOR DEGLYCOXYLATED IgA1 SERUM LEVELS IN FAMILIAL IgA NEPHROPATHY
Francesco Pesce, Bari, Italy

MP042
EVIDENCE FOR ACTIVATION OF THE UNFOLDED PROTEIN RESPONSE IN COLLAGEN IV NEPHROPATHIES
Myrtani Pieri, Nicosia, Cyprus

MP043
FUNCTIONAL STUDIES OF SLC2A9 (GLUT9) VARIANTS ASSOCIATED WITH PLASMA URIC ACID LEVELS
Anne Ruiz, Lausanne, Switzerland

MP044
MIR-1915 AND MIR-1225-5P REGULATE THE EXPRESSION OF CD133, PAX-2 AND TLR2 IN ADULT RENAL PROGENITOR CELLS
Fabio Sallustio, Bari, Italy

MP045
NO AMELIORATION OF UROMODULIN MATURATION AND TRAFFICKING DEFECT BY SODIUM-4-PHENYLBUTYRATE IN VIVO: STUDIES IN A MOUSE MODEL OF UROMODULIN-ASSOCIATED KIDNEY DISEASE
Elisabeth Kemter, Munich, Germany

MP074
ENDOGENOUS OUABAIN AND BLOOD PRESSURE VARIABILITY EVOKED BY LOW SALT INTAKE IN ESSENTIAL HYPERTENSION
Guido Gatti, Milan, Italy

MP099
ENHANCED AT1 RECEPTOR-ASSOCIATED PROTEIN IN RENAL TUBULE SUPPRESSES ANGIOTENSIN-MEDIATED HYPERTENSION
Hiromichi Wakui, Yokohama, Japan

MP125
LONG-TERM OUTCOME AFTER RECOVERY FROM DIALYSIS-REQUIRING ACUTE KIDNEY INJURY: A NATIONWIDE POPULATION-BASED STUDY
Tao-Min Huang, Dou-Liou City, Taiwan Republic of China
MP127
STROKE VOLUME VARIATION (SVV) AND OXIGENATION INDEX (OI) ARE RISK FACTORS FOR ACUTE KIDNEY INJURY (AKI) IN ABDOMINAL AORTIC ANEURYSM (AAA) SURGERY
Paolo Lentini, Bassano del Grappa (VI), Italy

MP343
ROLE OF DENDRITIC CELL DERIVED INTERFERON-ALPHA IN THE ACTIVATION OF TUBULAR EPITHELIAL CELL IN LUPUS NEPHRITIS (LN)
Giuseppe Castellano, Bari, Italy

MP372
SENSITIVITY OF BLOOD VOLUME MONITORING FOR FLUID STATUS ASSESSMENT
Marta Arias-Guillen, Barcelona, Spain

MP467
IMPACT OF SMOKING ON RISK OF DEATH AND KIDNEY TRANSPLANTATION AMONG PATIENTS WITH CARDIOVASCULAR DISEASE AT DIALYSIS INITIATION: A NATIONAL COHORT STUDY
Ahad Abdalla, Limerick, Ireland

MP524
TRENDS IN MEDICAL AND SURGICAL MANAGEMENT OF SECONDARY HYPERPARATHYROIDISM (SHPT) AMONG HEMODIALYSIS PATIENTS: RESULTS FROM THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (DOPPS)
B Bieber, Ann Arbor, USA

MP555
ASSOCIATIONS OF CHANGES IN QUALITY OF LIFE WITH MORTALITY AND HOSPITALIZATION: RESULTS FROM THE DOPPS
Jeffrey Perl, Toronto, Canada

MP560
DETERMINANTS OF PRE-DIALYSIS SERUM SODIUM TRENDS AND VARIABILITY AND THEIR ASSOCIATIONS WITH SURVIVAL IN INCIDENT HEMODIALYSIS PATIENTS: RESULTS FROM THE MONITORING DIALYSIS OUTCOMES (MONDO) INITIATIVE
Jochen Raimann, New York, USA

MP563
GENDER-ASSOCIATED DIFFERENCES IN DIALYSIS PATIENTS
M Hecking, Vienna, Austria

MP565
A PREDICTION RULE FOR LOSS OF PHYSICAL FUNCTION IN HEMODIALYSIS PATIENTS: A COHORT STUDY
Shingo Fukuma, Kyoto, Japan
CONGRESS INFORMATION

MP575
SNORING IS A STRONG AMPLIFIER OF THE RISK BY HEART FAILURE FOR ALL CAUSE AND CARDIOVASCULAR MORTALITY IN CHRONIC KIDNEY DISEASE PATIENTS ON DIALYSIS (STAGE 5D-CKD)

Claudia Torino, Reggio Calabria, Italy

MP693
MATRIX METALLOPROTEINASES AND THEIR EXTRACELLULAR INDUCER (EMMPRIN) IN THE URINE OF CHILDREN WITH CHRONIC KIDNEY DISEASE

Kinga Musial, Wroclaw, Poland

TO002
A NEW CLINICAL MODEL FOR POSTOPERATIVE AKI: ROLE OF ENDOGENOUS OUABAIN

Marco Simonini, Milan, Italy

TO007
MACROPHAGE MIGRATION INHIBITORY FACTOR (MIF) - A NOVEL ENDOGENOUS FIBROSIS LIMITING FACTOR

Peter Boor, Aachen, Germany

TO009
PARIETAL PODOCYTES - TRANSDIFFERENTIATION FROM PARIETAL EPITHELIAL CELLS OR MIGRATION OF PODOCYTES?

Kevin Schulte, Aachen, Germany

TO012
DYSFUNCTIONAL HIGH-DENSITY LIPOPROTEIN (HDL) IN CHRONIC KIDNEY DISEASE (CKD): A PROSPECTIVE OBSERVATIONAL TRIAL OF 3.306 PATIENTS

Stephen Zewinger, Homburg / Saar, Germany

TO013
FEBUXOSTAT IMPROVES GFR AND BP IN NON-DIABETIC ADULTS WITH CKD 2-3

Mariia Ivanova, Kiev, Ukraine

TO016
BRAIN WHITE MATTER MICROSTRUCTURE USING DIFFUSION TENSOR IMAGING AND COGNITIVE IMPAIRMENT IN HAEMODIALYSIS PATIENTS

Mohamed Eldehni, Derby, UK

TO018
ONCOSTATIN M-MEDIATED EFFECTS ON TNF-a- AND IL-1b-INDUCED EXPRESSION OF CCL5/RANTES, TSP-1 AND TNC IN HUMAN PROXIMAL TUBULAR CELLS

Rita Sarkozi, Innsbruck, Austria

TO023
THE PREDICTIVE VALUE OF URINARY TUBULAR PROTEINS COMPARED TO NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN FOR SEPTIC AND NON-SEPTIC ACUTE KIDNEY INJURY IN THE CRITICALLY ILL

Gijs Fortrie, Rotterdam, The Netherlands
TO036
CONDITIONAL DELETION OF MACROPHAGES PRO-TECTS AGAINST ARISTOLOCHIC ACID NEPHROPATHY IN MICE
Li Zhou, Chengdu, China
The 50th ERA-EDTA Congress (scientific sessions held between Sunday, May 19, 2013 and Tuesday, May 21, 2013) has been designated for a maximum of 21 hours of European external CME credits.

The 50th ERA-EDTA Congress and pre-congress CME Courses are accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS).

EACCME credits
Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME credit system is based on 1 ECMEC per hour with a maximum of 3 ECMECs for half a day and 6 ECMECs for a full-day event.

Delegates attending only the 50th ERA-EDTA Congress (scientific sessions held between Sunday, May 19, 2013 and Tuesday, May 21, 2013), will receive a maximum of 21 ECMECs credits.

ECMECs credits are recognised in the following countries: Armenia, Austria, Croatia, Czech Republic, Denmark, Estonia, Finland, Georgia, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, The Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom. Delegates receiving certificates for ECMEC credits must contact their National Accreditation Authority to have the credits recognised (or converted) in their country of practice.

EACCME credits are recognised by the American Medical Association towards the Physician’s Recognition Award (PRA). To convert EACCME credit to AMA PRA category 1 credit, contact the AMA.

For more information, visit www.uems.net.

HOW TO RECEIVE UEMS CME CREDITS

ERA-EDTA will track attendance of congress members during the congress in the Istanbul Congress Center each day. All regularly registered congress
members must go to the session halls and have their badge scanned by the hostesses at the entrance (at participant’s own responsibility). Congress members will then be awarded the number of credits towards the hours actually spent participating in the sessions of the congress. ERA-EDTA will send UEMS CME Certificate only upon specific request. Regularly registered congress members can either request to receive it by post or e-mail at the UEMS CME desk (starting May 18, 2013) during the congress or in writing to cmecredits@era-edta.org. The certificate will then be sent after the congress, approximately one month after it is finished.
ISTANBUL GENERAL INFORMATION

Bank, exchange foreign currency and post office
The official currency in Turkey is the Turkish Lira (TL). Foreign money can be changed at banks during working days (09.00-17.30 Monday - Friday) as well as hotels and exchange offices. Exchange rates are set daily by the Central Bank. All major credit cards are accepted in most of the hotels, restaurants and shops. Exchange offices and ATM machines are available all around the city and at both airports. It is advisable to exchange money only in banks, exchange offices or hotel receptions.

The nearest bank is located in the main entrance area of the Istanbul Congress Center.
Cash machines are available in the main entrance area of the Istanbul Congress Center and on the lower level of the main building of the ICEC.
The nearest post office is located on Valikonagi Street.

Banking hours:
Monday - Friday
9:00 a.m. – 12:30 p.m. and 13:00 p.m. – 17:30 p.m.
All banks are closed at weekends and on public holidays. Banks at airports, ports and shopping malls generally have longer opening hours.

Exchange
1 € = 2,32 TL (April 2013)
1 $ = 1,80 TL (April 2013)
For current exchange rates please visit: www.tcmb.gov.tr/yeni/eng/

Credit cards
Most major credit cards are accepted in hotels, restaurants and stores but visitors are always advised to check with the vendor before a purchase is made. Cash machines with 24-hour access are available in many convenient locations in the city.

Restaurants – Turkish cuisine
Turkish cuisine is largely the heritage of Ottoman cuisine, which can be described as a fusion and refinement of Central Asian, Middle Eastern and Balkan cuisines. Turkish cuisine has in turn influenced those and other neighbouring cuisines, including Western Europe.
The Ottomans fused various culinary traditions of their realm with influences from Middle Eastern cuisines, along with traditional Turkish elements from Central Asia (such as yogurt), creating a vast array of specialities - many with strong regional associations. There is a wide choice of restaurants in Istanbul offering a broad spectrum ranging from excellent national cuisine to first class international dishes. Traditional Turkish cuisine is famous for its many specialties pre-
pared with fresh vegetables. There are lots of quality restaurants as well as fast-food shops in the vicinity of the hotels booked for this meeting.

Shopping
One of the most enjoyable parts of a trip to Turkey is shopping for the rich variety of Turkish crafts. Istanbul is a shopping paradise with its Covered Bazaars as well as modern malls. Being once called the city of thousand colours and fragrances Istanbul is a paradise for shoppers. One can find a very large variety of carpets, jewels, gold, leather goods etc. while wandering through the old monuments or one can visit the city’s modern shopping malls where Turkish brand goods can be found. The shops are open from 8:00 to 21:00 from Monday to Saturday. The Grand Bazaar and Spice Bazaar open their gates at 8:00 and close at 19:00. Big shopping malls open from 10:00 to 22:00 seven days a week. Shops do not close for lunch. All major credit cards are accepted.

Time zone
Istanbul Time is in the Eastern European Time Zone. Eastern European Standard Time (EET) is 2 hours ahead of Greenwich Mean Time (GMT+2).

Telephones
Pay phones and credit card phones are available at the congress venue as well as in the city.

Tourist information
For tourist information about Istanbul and Turkey, please visit the website www.tourismturkey.org.

Tipping
Service charges are included in the cost of all goods and services. Although it is not mandatory, a small tip is expected for good service. As a guideline, add about 10% to the total bill. Normally you are expected to leave a tip in cash when paying by credit card.

Transports
Travelling to the Istanbul Congress Center
The Istanbul Congress Center is located near the city centre Taksim Square in the Harbiye area. It is located in the heart of the city’s business and cultural centre, allowing the traveller easy access to municipal, domestic and international transportation networks.
• 23 km / 14.3 miles from Atatürk International Airport (45 minutes by taxi);
• 5 km / 3 miles from main Sirkeci train station, terminal of the Orient Express;
• 100 m from Harbiye bus stop on the Taksim-Sisli line;
CONGRESS INFORMATION

• 500 m from Taksim Metro Station linked to the city’s new underground system.

Public Transport
Istanbul Public Transportation is efficient, convenient and safe with its large number of choices of vehicles but may be very difficult to use if you do not know the language. Thus we suggest the use of taxis as they are very reasonably priced compared to most European cities.

More info for buses:
www.iett.gov.tr
More info for subway & trams:
More info for trains:
www.tcdd.gov.tr/tcdding/index.htm
More info for ferries:

Bus
Public transportation (IETT) departs from Sabiha Gökçen Airport (SAW) to central Istanbul. For detailed information: www.sgairport.com/havalandi/eng/ulasim/iett.asp

Taxi
Taxis are available at taxi stands or can be hailed directly on the street. In Turkey taxis are colored yellow and have meters. The journey will cost approximately between 55 TL to 70 TL (approx. EUR 24.00 – 30.00) depending on the route the driver will use and it will take about 45 minutes. The meter in the car applies and charges in TL currency, please note credit cards are not yet available in taxis. The taxi rates are same during the day as well as during the night.

Useful telephone numbers
• Istanbul Atatürk Airport: +90-212-4633000
• Turkish Airlines: +90-463-6363
• Emergency: 112

Useful websites
• Star Alliance Convention Plus:
(Event code TK16S13)
• Tourism: www.tourismturkey.org
• Turkish Airlines: www.turkishairlines.com/en-tr/
As the official airline network for the ERA-EDTA 50th Congress, we’d like to thank you for choosing the Star Alliance network and hope that all goes really well for you here today.

Whilst you concentrate on the day’s events, we hope you’ll consider us the next time you need to attend a conference.

With over 21,900 flights a day to 1,329 airports across 194 countries, our 27 member airlines will extend a wide choice of flights to any future conference you’re planning to attend. And no matter which of those airlines’ frequent flyer programmes you belong to, you can earn and redeem miles across all of them.

So the next time you want to concentrate all your energies on your conference, we hope you’ll decide to leave the travel arrangements to us.
Next Congresses of the ERA-EDTA

Amsterdam, The Netherlands
May 31-June 3, 2014

London, United Kingdom
May 28-31, 2015
The organizing committee is very pleased to announce the third ERA-EDTA Renal Run, which will take place on Monday, May 20, 2013 at 15:45.

This year runners will enjoy a 2.7 km run through the historical Yildiz Park, Besiktas that has some of the most beautiful landscapes in Istanbul.

The area of Yildiz used to be a forest in Byzantine times. Starting during the reign of Suleiman the Magnificent, the sultans made it their hunting grounds. In the next centuries, it remained as a grove behind the seaside palaces. Currently Yildiz Park is a beautiful garden complex set in a very large park of flowers, plants and trees, gathered from every part of the world dating from the Ottoman era. Park grounds offer panoramic views of the Bosphorus. Runners will definitely enjoy the environment during this time of the year.

The participation in the race is intended for Congress participants. They will be divided into categories according to age and gender. Registration is free, but still must be done for administrative purposes. Onsite registration will be also possible at the ‘Renal Run Info Desk’ that will be situated in ICEC main entrance.

Registration to the Renal Run can be done up to Sunday, May 19, 2013 at 15:00. Each participant will receive a number and a t-shirt. Refreshments will be provided in Yildiz Park, and cloakrooms will be available in the ICEC.

We are looking forward to your participation and wish you a very enjoyable and fun experience.
## DAY AT A GLANCE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Page</th>
</tr>
</thead>
</table>
| 09:00 - 09:45 | **Ongoing projects**  
EURECA-m | 52 |
|               | IWG                                                                 | 53 |
|               | WGIKD                                                                | 54 |
| 09:00 - 17:00 | **Paediatric Nephrology CME Courses**  
(in collaboration with ESPN)  
Urinary tract infections | 55 |
|               | ARF in the paediatric age group | 66 |
|               | Osteodystrophy in CKD                                                      | 77 |
|               | ERA-EDTA/ESPN Registry                                                      | 86 |
| 09:15 - 13:00 | **Special Session**  
Healthcare systems in Europe | 56 |
| 09:30 - 17:00 | **DESCARTES WG CME Courses**  
(in collaboration with ESOT)  
Transplantation in children | 57 |
|               | Renal transplant activity in Europe                                       | 65 |
|               | Improve long term graft function                                           | 78 |
|               | Problematic patients                                                       | 87 |
| 10:00 - 17:00 | **EURECA-m WG CME Courses**  
CV end-organ damages in ESRD | 58 |
|               | Inflammation and CKD-MBD in vascular injury                                | 67 |
|               | Reverse cardiovascular epidemiology in CKD patients                         | 72 |
|               | Renal denervation for treatment of severe hypertension                     | 82 |
| 10:00 - 17:00 | **IWG CME Courses**  
Renal interstitial inflammation | 59 |
|               | Treatment of Lupus Nephritis                                               | 68 |
|               | Diseases of podocytes                                                      | 73 |
|               | Complement dysregulation and renal diseases                                 | 83 |
| 10:00 - 15:30 | **EUDIAL WG CME Courses**  
Safe and effective HDF                                                        | 60 |
|               | HDF in children                                                            | 69 |
|               | HDF in today’s clinical practice                                           | 74 |
| 10:00 - 17:00 | **EUTox WG CME Courses**  
Biomarkers                                                                         | 61 |
|               | Calcium and MBD in CKD                                                     | 70 |
|               | Endothelium and cardiovascular diseases                                     | 75 |
|               | Uraemic toxins                                                             | 84 |
10:00 - 17:00 **WGIKD CME Courses**
- Genetics - New perspectives 62
- Update on tubular disorders 71
- ADPKD 76
- Registries and policies 85

10:00 - 17:00 **ERA-EDTA Registry CME Courses**
- CKD cohorts across Europe 64
- Critical appraisal of observational research 79

10:00 - 13:00 **CKD/MBD WG CME Courses**
- Calciphylaxis update 2013 63
- CKD-MBD WG initiatives 63

14.00 - 15.30 **Special Symposium**
- Ethical concepts and renal replacement treatment 80

14:00 - 16:00 **NDT-OLA** 81

18:00 - 19:30 **Opening Ceremony** 88

Guest Lecture Mehmet Sükrü Sever
*“The link between disasters and Nephrology”*

Music performance
*“Istanbul, A World Capital”*
Tuluyhan Ugurlu

19:30 - 21:00 **Welcome Cocktail in the Exhibition**
EURECA-m Working Group
(EUropean REnal CArdiovascular Medicine)

EURECA-m ongoing projects

Update on the LUST
Carmine Zoccali, Reggio Calabria, Italy

Update on the EURECA-m future CMEs
Gérard M. London, Fleury-Mérogis, France
IWG ongoing projects

Chairs: Rosanna Coppo, Turin, Italy
       Mohamed R. Daha, Leiden, The Netherlands

Review of IWG activity and ongoing projects
Mohamed R. Daha, Leiden, The Netherlands

VALIGA final report and collateral studies on IgAN
Rosanna Coppo, Turin, Italy

Recurrent glomerular diseases registry
Jürgen Floege, Aachen, Germany

European Renal biopsies registries survey
Loreto Gesualdo, Bari, Italy

Conclusive comments and new possibilities
Pierre Ronco, Paris, France
ROOM BEYLERBEYI 1  9:00 - 9:45

WGIKD
(Working Group on Inherited Kidney Disorders)

WGIKD ongoing projects and impulsion grants
Paediatric Nephrology
in collaboration with ESPN

**Urinary tract infections in children and adults**

Chairs: **Dieter Haffner**, Hanover, Germany
**Elena Levchenko**, Leuven, Belgium

Antibiotic treatment for UTI in children: results from a systemic review
**Kjell Tullus**, London, UK

Acute pyelonephrits in children
**Giovanni Montini**, Bologna, Italy

Follow-up in adult life of children with UTI
**Sverker Hansson**, Gothenburg, Sweden

Acute pyelonephritis in adults
**Cristiana Rollino**, Turin, Italy
Overview of health care in Nephrology, Dialysis and Transplantation in Europe: problems and solutions in various European Countries

For the first time the ERA-EDTA is approaching the problem of health politics in nephrology, dialysis and transplantation presenting some relevant examples of lights and shadows in nephrology care organization around Europe.

Chairs: Adeera Levin, Vancouver, Canada  
Raymond Vanholder, Ghent, Belgium

Chairs’ introduction  
Adeera Levin, Vancouver, Canada  
Raymond Vanholder, Ghent, Belgium

The Canadian experience of multiple specialty clinics in patients with CKD, cardiovascular disease and diabetes  
Adeera Levin, Vancouver, Canada

Panel debate  
Angel de Francisco, Santander, Spain  
Maurice Laville, Lyon, France  
Charles Tomson, Bristol, UK  
Francesco Locatelli, Lecco, Italy  
Carl Gustav Elinder, Stockholm, Sweden  
Cengiz Utas, Kayseri, Turkey  
Christoph Wanner, Würzburg, Germany  
Andrzej Wiecek, Katowice, Poland
CME COURSE 8.1

ROOM ÜSKÜDAR 2 09:30 - 10:30

DESCARTES Working Group
(Developing Education Science and Care for Renal Transplantation in Europe)
in collaboration with ESOT

Transplantation in children

Chairs: Pierre Cochat, Lyon, France
    Umberto Maggiore, Parma, Italy

Selection of the deceased donor: who cannot be accepted?
Pierre Cochat, Lyon, France

Recurrent disease after paediatric kidney transplantation
Patrick Niaudet, Paris, France

Living donors for children
Anna Bjerre, Oslo, Norway
CME COURSE 1.1
ROOM EMIRGAN 2 10:00 - 11:30

EURECA-m Working Group
(EUropean REnal CARDiovascular Medicine)

**Critical reappraisal of cardiovascular end-organ damages in ESRD**

Chair: Gérard M. London, Fleury-Mérogis, France

The importance of assessing lung congestion in patients with heart disease
Luna Gargani, Pisa, Italy

Arterial and valvular disorders: pathophysiology and clinical manifestations
Adrian Covic, Iasi, Romania

Pathophysiology of left ventricular hypertrophy and dysfunction in CKD
Danilo Fliser, Homburg/Saar, Germany
CME COURSE 2.1

ROOM BEYAZIT 10:00 - 11:30

IWG
(Immunonephrology Working Group)

Renal Pathology course in collaboration with the International Renal Pathology Society

Renal interstitial inflammation: more important than glomerular injury?

Chairs: Anthony Chang, Chicago, USA
        Loreto Gesualdo, Bari, Italy

Renal interstitial inflammation: chicken or egg?
Meguid El-Nahas, Sheffield, UK

Interstitial inflammation in human lupus nephritis
Anthony Chang, Chicago, USA

Interstitial inflammation in IgA nephropathy
Loreto Gesualdo, Bari, Italy

Karyomegalic interstitial nephropathy: from genetic defect of DNA damage repair to progression of kidney disease
Pierre Ronco, Paris, France
EUDIAL Working Group
(European Dialysis)

Basics for delivering safe and effective HDF

Chairs: Fatih Kircelli, Istanbul, Turkey
Francisco Maduell, Barcelona, Spain

Haemodiafiltration: basic principles and different choices
Claudio Ronco, Vicenza, Italy

On-line preparation of fluid for convective therapy in theory and practice
Ingrid Ledebo, Lund, Sweden

Quality assurance from organizational structure to continuous quality improvement strategies
Richard Ward, Louisville, USA

Regulations governing clinical use of HDF in Europe
Alain Ragon, Marseille, France
CME COURSE 4.1

ROOM BEYLERBAYI 2  10:00 - 11:30

EUTox Working Group
(European Uremic Toxin)

Biomarkers

Chairs: **Angel Argiles**, Montpellier, France  
**Goce Spasovski**, Skopje, F.Y.R. of Macedonia

a) Urinary proteins/peptides as early biomarkers for CKD  
**Justyna Siwy**, Hanover, Germany

b) Overview on the biomarkers approach in CKD or larger  
**Harald Mischak**, Hanover, Germany

a) Extracellular calcium regulates serum FGF23 levels  
**Maria Encarnacion Rodriguez Ortiz**, Cordoba, Spain

b) Overview on the biomarkers to assess MBD CKD  
**Mariano Rodriguez-Portillo**, Cordoba, Spain
CME COURSE 5.1
ROOM BEYLERBEYI 1 10:00 - 11:30

WGIKD
(Working Group on Inherited Kidney Disorders)

Genetics – New perspectives

Chairs: Olivier Devuyst, Zurich, Switzerland
Luca Rampoldi, Milan, Italy

Implications and limitations of genetic approaches to common kidney diseases
Murielle Bochud, Lausanne, Switzerland

Multigenic pathways: cystic kidney diseases
Carsten Bergmann, Ingelheim, Germany

GWAS: A new tool to understand renal physiology?
Olivier Devuyst, Zurich, Switzerland
CKD-MBD Working Group

Welcome and introduction
Mario Cozzolino, Milan, Italy

Calciphylaxis update 2013

Chairs: Jordi Bover, Barcelona, Spain
Sandro Mazzaferro, Rome, Italy

Update in calciphylaxis
Pablo Urena Torres, Saint-Ouen, France

Initiation of a pan-european calciphylaxis registry
Vincent Brandenburg, Aachen, Germany

CKD-MBD WG initiatives

Chairs: Tobias Larsson, Stockholm, Sweden
Ziad Massy, Amiens, France

Survey on CKD-MBD 2013 initiatives: clinical trial on optimal treatment in CKD
Marc Vervloet, Amsterdam, The Netherlands

P additives in CKD
Markus Ketteler, Coburg, Germany

EVOLVE - The end of the beginning or the beginning of the end?
David Goldsmith, London, UK

Closing remarks
Mario Cozzolino, Milan Italy
CME COURSE 9.1
ROOM CAMLICA 10:00 - 12:30

ERA-EDTA Registry

CKD cohorts across Europe

Chairs: Kitty Jager, Amsterdam, The Netherlands
Christoph Wanner, Würzburg, Germany

Chronic Kidney Disease in Europe
Katharina Lombard-Brück, Amsterdam, The Netherlands

German CKD study
Kai-Uwe Eckardt, Erlangen, Germany

EQUAL study
Kitty Jager, Amsterdam, The Netherlands

CKD-REIN
Bénédicte Stengel, Villejuif, France

The Berlin Initiative Study - a cohort of older adults
Elke Schaeffner, Berlin, Germany
CME COURSE 8.2

ROOM ÜSKÜDAR 2  10:30 - 13:00

DESCARTES Working Group
(Developing Education Science and Care for Renal Transplantation in Europe)
in collaboration with ESOT

How to increase the renal transplant activity in Europe

Chairs: Daniel Abramowicz, Brussels, Belgium
Willem Weimar, Rotterdam, The Netherlands

Update on ethical issues in living unrelated transplantation: Istanbul Declaration and beyond
Francis L. Delmonico, Boston, USA

Optimization of organ donation to improve long term outcome
Francis L. Delmonico, Boston, USA

Inequality of access to paediatric kidney transplantation in Europe
Jérôme Harambat, Bordeaux, France

Improving deceased organ donation - the Croatian experience
Mirela Busic, Zagreb, Croatia

Machine perfusion: state of the art
Ina Jochmans, Leuven, Belgium

How to improve the rates of living donation
Willem Weimar, Rotterdam, The Netherlands

Inclusion and exclusion criteria in the waiting list: the ERBP
Julio Pascual, Barcelona, Spain
Acute renal failure in the paediatric age group: treatment and outcome

Chairs: Christer Holmberg, Helsinki, Finland
Oguz Soylemezoglu, Ankara, Turkey

Early diagnosis of acute renal failure in children
Johan Van de Walle, Ghent, Belgium

Fluid overload control: drugs and dialysis choices
Etienne Javouhey, Lyon, France

Early dialysis treatments: how early it should be
Stefano Picca, Rome, Italy

Epidemiology and outcome of AKI in children
Oguz Soylemezoglu, Ankara, Turkey
CME COURSE 1.2

ROOM EMIRGAN 2 11:30 - 13:00

EURECA-m Working Group
(EUropean REnal CArdiovascular Medicine)

*Interplay of inflammation and CKD-MBD in vascular injury*

Chairs: **Bengt Lindholm**, Stockholm, Sweden  
        **Alberto Ortiz**, Madrid, Spain

Epidemiology linking inflammation and CKD-MBD  
**Juan-Jesus Carrero-Roig**, Stockholm, Sweden

Inflammation, CKD-MBD and endothelial dysfunction  
**Mahmut Ilker Yilmaz**, Ankara, Turkey

Kidney inflammation and CKD-MBD regulatory molecules  
**Alberto Ortiz**, Madrid, Spain
CME COURSE 2.2
ROOM BEYAZIT 11:30 - 13:00

IWG
(Immunonephrology Working Group)

Treatment of Lupus Nephritis

Chairs: David Jayne, Cambridge, UK
Vladimir Tesar, Prague, Czech Republic

Rituximab (in the treatment of lupus nephritis): do the benefits outweigh the risks?
Vladimir Tesar, Prague, Czech Republic

Rituximab associated with mycophenolate: the LU-NAR trial experience
Fernando Fervenza, Rochester, USA

Update on biologic and stem cell therapies for lupus nephritis
David Jayne, Cambridge, UK

The role of repeated biopsies in the management of Lupus Nephritis
Franco Ferrario, Milan, Italy
CME COURSE 3.2

ROOM EMIRGAN 1  11:30 - 13:00

EUDIAL Working Group
(European Dialysis)

**HDF in children**

Chairs: *Michel Fischbach*, Strasbourg, France  
*Rukshana Shroff*, London, UK

Feasibility and practical aspects of performing HDF in the young  
*Michel Fischbach*, Strasbourg, France

Management and benefits of CVVHDF in the paediatric intensive care  
*Aysun Karabay Bayazit*, Adana, Turkey

Is there a role for HDF in intensified dialysis regimens?  
*Dominik Müller*, Berlin, Germany

Advantages of HDF over conventional HD in children  
*Rukshana Shroff*, London, UK
CME COURSE 4.2

ROOM BEYLERBEYI 2  11:30 - 13:00

EUTox Working Group
(European Uremic Toxin)

Calcium and MBD in CKD

Chairs: Stephane Burtey, Marseille, France
Mariano Rodriguez-Portillo, Cordoba, Spain

a) Clinical cases of CKD MBD
Saimir Seferi, Tirana, Albania

a) Clinical overview of BMD CKD
Goce Spasovski, Skopje, F.Y.R. of Macedonia

b) Data on aortic ring calcification
Silvia Salem, Berlin, Germany

b) Mechanisms of Ca deposition and treatment
Joachim Jankovski, Berlin, Germany
SCIENTIFIC PROGRAMME

CME COURSE 5.2
ROOM BEYLERBEYI 1 11:30 - 13:00

WGIKD
(Working Group on Inherited Kidney Disorders)

Update on tubular disorders

Chair: Giovambattista Capasso, Naples, Italy

Disorders of phosphate handling
Carsten Wagner, Zurich, Switzerland

Update on the physiopathology and treatment of cystinosis
Francesco Emma, Rome, Italy

Uromodulin-associated kidney diseases
Luca Rampoldi, Milan, Italy
CME COURSE 1.3
ROOM EMIRGAN 2 14:00 - 15:30

EURECA-m Working Group
(EUropean REnal CArdiovascular Medicine)

Reverse cardiovascular epidemiology in CKD patients

Chairs: Danilo Fliser, Homburg/Saar, Germany
Alberto Martinez-Castelao, Barcelona, Spain

Blood pressure variability: does it matter and how to assess it?
Francesca Mallamaci, Reggio Calabria, Italy

BMI and lipids: should we prefer obesity or wasting?
Denis Fouque, Lyon, France

Atherosclerosis vs. calcification and their impact on cardiovascular outcome in CKD patients
Gunnar Heine, Homburg/Saar, Germany
CME COURSE 2.3
ROOM BEYAZIT 14.00 - 15:30

IWG
(Immunonephrology Working Group)

Diseases of podocytes: basic research and clinical value

Chairs: Sandrine Florquin, Amsterdam, Netherlands
       Harry Holthöfer, Dublin, Ireland

Podocytes: a gateway to new biology and diagnostics
Harry Holthöfer, Dublin, Ireland

The role of the parietal epithelial cell versus the podocyte in glomerular disease
Jürgen Floege, Aachen, Germany

The angiotensin signalling in the podocyte and implications for therapy
Ariela Benigni, Bergamo, Italy

Parietal epithelial cell activation marker in early recurrence of FSGS in the transplant
Agnes Fogo, Nashville, USA
CME COURSE 3.3
ROOM EMIRGAN 1  14:00 - 15:30

EUDIAL Working Group
( European Dialysis )

**HDF in today's clinical practice**

Chairs: **Andrew Davenport**, London, UK  
**Francesco Locatelli**, Lecco, Italy

Haemodiafiltration: dosing, treatment targets and troubles  
**Menso Nubé**, Amsterdam, The Netherlands

Loss of nutrients or other compounds during HDF: parenteral nutrition, drug dosing and anticoagulation  
**Fatih Kircelli**, Istanbul, Turkey

HDF in short daily and long nocturnal treatment schemes  
**Francisco Maduell**, Barcelona, Spain

Discussion on present status of knowledge with respect of effect on clinical outcome and future initiatives. Role of EuDial  
**Peter J. Blankestijn**, Utrecht, The Netherlands
CME COURSE 4.3
ROOM BEYLERBEYI 2 14:00 - 15:30

EUTox Working Group
(European Uremic Toxin)

Endothelium and cardiovascular diseases

Chairs: Griet Glorieux, Ghent, Belgium  
Alberto Ortiz, Madrid, Spain

a) Recent data on endothelium and thrombosis
Bertrand Gondouin, Marseille, France

b) Endothelium, the good; chronic kidney diseases, the bad; and cardiovascular diseases, the ugly: a point of view
Stephane Burtey, Marseille, France

a) Effects of phosphate on vascular function – New insights
Isabelle Six, Amiens, France

b) Features of CVD in CKD
Ziad Massy, Amiens, France
CME COURSE 5.3

ROOM BEYLERBEYI 1  14:00 - 15:30

WGIKD
(Working Group on Inherited Kidney Disorders)

Autosomal dominant polycystic kidney disease (ADPKD)

Chair: Yves Pirson, Brussels, Belgium

ADPKD: understanding how cysts form
Albert Ong, Sheffield, UK

ADPKD, markers for progression
Ron T. Gansevoort, Groningen, The Netherlands

Update on treatment
Vicente Torres, Rochester, USA
CME COURSE 7.3

ROOM ÜSKÜDAR 1 14:00 - 15:30

Paediatric Nephrology in collaboration with ESPN

Diagnosis and management of ostoeodystrophy in children with CKD

Chairs: Aysin Bakkaloglu, Ankara, Turkey
        Amira Peco Antic, Belgrade, Serbia

The best practice to allow children with ESRD to attain normal final height
Amira Peco Antic, Belgrade, Serbia

Skeletal disorders and osteodystrophy in children with CKD/ESRD
Dieter Haffner, Hanover, Germany

Control of hyperphosphatemia
Sevcan A. Bakkaloglu, Ankara, Turkey

Hyperparathyroidism refractory to treatment: parathyroidectomy
Velibor Tasic, F.Y.R. of Macedonia
CME COURSE 8.3
ROOM ÜSKÜDAR 2 14:00 - 15:30

DESCARTES Working Group
(Developing Education Science and Care for Renal Transplantation in Europe)
in collaboration with ESOT

How to improve long term graft function

Chairs: Hans De Fijter, Leiden, The Netherlands
Armando Torres, La Laguna, Spain

Risk factors and long term consequences of proteinuria in renal transplantation
Jean-Michel Halimi, Tours, France

Care of the long-term transplant complications: the oncogenic risk. Should we screen for cancer after kidney transplantation?
Josep M. Campistol, Barcelona, Spain

Does RAS blockade improve outcomes after kidney transplantation?
Armando Torres, La Laguna, Spain
CME COURSE 9.2

ROOM CAMLICA 14:00 - 16:00

ERA-EDTA Registry

Issues in critical appraisal of observational research

Chairs: Friedo Dekker, Leiden, The Netherlands
       Kitty Jager, Amsterdam, The Netherlands

Setting up your study: study questions and study designs
Vianda Stel, Amsterdam, The Netherlands

Threats to validity of study findings: bias and confounding
Kitty Jager, Amsterdam, The Netherlands

Prognosis vs aetiology
Friedo Dekker, Leiden, The Netherlands

Interpretation and presentation of study results
Bob Siegerink, Leiden, The Netherlands
SPECIAL SYMPOSIUM

ROOM ÜSKÜDAR 3 14:00 - 15:30

Ethical concepts and renal replacement treatment

Chairs: Jacques Bernheim, Kfar-Saba, Israel
Jonathan G. Fox, Glasgow, UK

Ethics and the nephrologist
Richard Trompeter, London, UK

Conservative management or dialysis in the elderly: a difficult medical, ethical and social choice
Krzysztof Marczewski, Lublin, Poland

Dialysis in the elderly: ethical aspects of starting or ending dialysis
Drasko Pavlovic, Zagreb, Croatia

Economic and cultural impacts in dialysis
Frieder Keller, Ulm, Germany
NDT ERA-EDTA OLA

Chair: Meguid El-Nahas, Sheffield, UK

Welcome and introduction
Meguid El-Nahas, UK

NDT/ERA and e-learning
Carmine Zoccali, Italy

E-learning and Nephrology
Arif Khwaja, UK

Orphan Renal Disease OnLine
Neveen Soliman, Egypt

A Manuscript Author’s view
Giorgina B. Piccoli, Italy

ERBP Fellows View
Evi Nagler, Belgium

View from the emerging world
Saddam Hassan, Egypt

The Way Forward
Meguid El-Nahas, UK
Carmine Zoccali, Italy

Open General Forum
CME COURSE 1.4
ROOM EMIRGAN 2  15:30 - 17:00

EURECA-m Working Group
(EUropean REnal CArdiovascular Medicine)

Renal denervation for treatment of severe hypertension

Chairs: Peter J. Blankestijn, Utrecht, The Netherlands
Andrzej Wiecek, Katowice, Poland

Rationale for renal denervation
Peter J. Blankestijn, Utrecht, The Netherlands

Screening/selection of patients and follow-up
Andrzej Wiecek, Katowice, Poland

First results and technical aspects
Felix Mahfoud, Homburg/Saar, Germany

Present research activity: databases/studies etc. in renal denervation
Peter J. Blankestijn, Utrecht, The Netherlands
Andrzej Wiecek, Katowice, Poland
CME COURSE 2.4

ROOM BEYAZIT 15.30 - 17:00

IWG
(Immunonephrology Working Group)

Complement dysregulation and renal diseases

Chairs: Mohamed R. Daha, Leiden, The Netherlands
Marina Noris, Bergamo, Italy

Update in complement involvement in renal diseases
Mohamed R. Daha, Leiden, The Netherlands

aHUS: a happy end story from CFH mutations to cure
Marina Noris, Bergamo, Italy

Dense Deposit Disease and C3GN: different diseases or parts of a spectrum?
Daniel Gale, London, UK

Genetics of complement in aHUS
Santiago Rodriguez de Cordoba, Madrid, Spain
CME COURSE 4.4
ROOM BEYLERBEYI 2 15:30 - 17:00

EUTox Working Group
(European Uremic Toxin)

_Uraemic toxins_

Chairs: Joachim Jankowski, Berlin, Germany
Vera Jankowski, Berlin, Germany

a) Data on eGFR and uraemic toxin concentration
_Nathalie Neirynck_, Ghent, Belgium

b) Overview on pathways of renal excretion of uraemic toxins
_Griet Glorieux_, Ghent, Belgium

a) The encyclopaedic update of uraemic toxins database
_Flore Duranton_, Montpellier, France

b) Overview on uraemic toxins removal
_Angel Argiles_, Montpellier, France
CME COURSE 5.4
ROOM BEYLERBEYI 1 15:30 - 17:00

WGIKD
(Working Group on Inherited Kidney Disorders)

Registries and policies

Chairs: Francesco Emma, Rome, Italy
       Albert Ong, Sheffield, UK

EuroCYST and other initiatives in ADPKD
Andreas Serra, Zurich, Switzerland

The UK Cystinosis Registry
William Van’t Hoff, London, UK

Therapy of Alport syndrome - Insights from the European Alport Registry
Oliver Gross, Göttingen, Germany
CME COURSE 7.4

ROOM ÜSKÜDAR 1 15:30 - 17:00

Paediatric Nephrology
in collaboration with ESPN

ERA-EDTA /ESPN Registry

Chairs: Jaap Groothoff, Amsterdam, The Netherlands
Franz Schaefer, Heidelberg, Germany

Nutrition in children with ESRD
Marjolein Bonthuis, Amsterdam, The Netherlands

Graft loss in children with a kidney transplant
Franz Schaefer, Heidelberg, Germany

Henoch Schönlein purpura nephritis and IgAN: differences between children and adults
J.C. Davin, Amsterdam, The Netherlands
CME COURSE 8.4

ROOM ÜSKÜDAR 2 15:30 - 17:00

DESCARTES Working Group
(Developing Education Science and Care for Renal Transplantation in Europe)
in collaboration with ESOT

Problematic patients in transplantation list: planning the strategy

Chairs: Christer Holmberg, Helsinki, Finland
Chantal Loirat, Paris, France

Transplanting patients suffering from recurrent/ resistant FSGS: the ERBP
Tim Ulinski, Paris, France

Transplantation in atypical HUS (haemolytic uremic syndrome)
Chantal Loirat, Paris, France

Transplantation in the elderly patient
Hans De Fijter, Leiden, The Netherlands

Transplantation in an infant with CKD: when to plan it
Christer Holmberg, Helsinki, Finland
Saturay, May 18

SCIENTIFIC PROGRAMME

OPENING CEREMONY

AUDITORIUM HARBIYE 18:00 - 19:30

Welcome address
Gültekin Süleymanlar, Congress President

Introductory remarks
Raymond Vanholder, ERA-EDTA President

The 50th ERA-EDTA anniversary
Raymond Vanholder, ERA-EDTA President

Presentation of the ERA-EDTA Award for outstanding scientific achievements to Francesco Locatelli

Presentation of the ERA-EDTA Award for outstanding contributions to the Society to Jorge B. Cannata-Andia

Presentation of the Stanley Shaldon Award for young investigators to Julien Zuber

Opening Lecture

The link between disasters and Nephrology
Mehmet Sükrü Sever, Istanbul, Turkey

Music Performance

Istanbul, A World Capital
Tuluyhan Ugurlu

Welcome Cocktail in the Exhibition
## DAY AT A GLANCE

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:30 - 08:30</td>
<td><strong>Master Classes</strong>&lt;br&gt;Home therapies: is success possible?&lt;br&gt;The renal consult in the rheumatology unit&lt;br&gt;CV calcification / CKD-MBD&lt;br&gt;Challenges in AKI management in ICU&lt;br&gt;Lipids in CKD&lt;br&gt;Glomerular diseases&lt;br&gt;Functional imaging in nephrology&lt;br&gt;Uric acid and CKD&lt;br&gt;Nutrition, water and salt in children&lt;br&gt;Drugs in transplantation</td>
<td>91, 92, 93, 94, 95, 96, 97, 98, 99, 100</td>
</tr>
<tr>
<td>08:30 - 11:30</td>
<td><strong>Hands-on Course</strong>&lt;br&gt;Interventional nephrology (ASDIN)</td>
<td>101</td>
</tr>
<tr>
<td>08:45 - 10:15</td>
<td><strong>Symposia</strong>&lt;br&gt;LBCT 1&lt;br&gt;New actors in glomerular inflammation&lt;br&gt;Progeria syndrome in CKD/ESRD&lt;br&gt;ERA-EDTA Registry&lt;br&gt;Novel epithelial cell models&lt;br&gt;CAKUT&lt;br&gt;Transplantation tolerance&lt;br&gt;Free Communications&lt;br&gt;Renal vasculitis&lt;br&gt;CKD-MBD - A&lt;br&gt;Encapsulating peritoneal sclerosis</td>
<td>102, 103, 104, 105, 106, 107, 108, 109, 111, 113</td>
</tr>
<tr>
<td>10:15 - 11:45</td>
<td><strong>Poster session</strong></td>
<td>143</td>
</tr>
<tr>
<td>11:45 - 12:30</td>
<td><strong>Plenary Lecture J. Hoffmann</strong>&lt;br&gt;Innate immunity: from flies to humans</td>
<td>115</td>
</tr>
<tr>
<td>12:30 - 14:15</td>
<td><strong>Industry Symposia</strong></td>
<td>429</td>
</tr>
<tr>
<td>14:30 - 16:00</td>
<td><strong>Symposia</strong>&lt;br&gt;Common dialysis problems: new solutions&lt;br&gt;Biological targets for treatment of glomerular diseases&lt;br&gt;Biomarkers of AKI&lt;br&gt;ASN highlights&lt;br&gt;New insights into the loop of Henle&lt;br&gt;Free Communications + Mini Lectures&lt;br&gt;Hypertension and outcomes&lt;br&gt;ESAs and iron&lt;br&gt;Cardiovascular disease in CKD&lt;br&gt;Paediatric nephrology - A&lt;br&gt;Transplantation - basic</td>
<td>116, 117, 118, 119, 120, 121, 123, 125, 127, 128</td>
</tr>
</tbody>
</table>
16:15 - 17:45 **Symposia**

Hypertension in CKD 130
Membranous nephropathy 131
Peritoneal and haemodialysis choices 132
Phosphate: a novel risk factor for CV disease and CKD progression 134
Cystic diseases, ciliopathy and mitochondrial cytopathies 135
Immunosuppression 136

**Literature Update** 133

**Free Communications**

Diabetes - clinical 137
Vascular access 139
Biomarkers 141
Master Class 1

Home therapies: is success possible?

Chairs: Giorgina B. Piccoli, Turin, Italy
        Cengiz Utas, Kayseri, Turkey

Home haemodialysis
Ercan Ok, Izmir, Turkey

Peritoneal dialysis
Cengiz Utas, Kayseri, Turkey

Are outcomes in home PD and HD different?
James Heaf, Herlev, Denmark
Master Class 2

The renal consult in the rheumatology unit

Chairs: Nurhan Seyahi, Istanbul, Turkey
Vladimir Tesar, Prague, Czech Republic

The patient with mono/oligoarthritis and renal abnormalities
Volker Vielhauer, Munich, Germany

The patient with polyarthritis and renal abnormalities
Mårten Segelmark, Linköping, Sweden

The patient with systemic autoimmune disease and renal abnormalities
Alan Salama, London, UK
Master Class 3

Cardiovascular calcification / CKD-MBD

Chairs: Joao M. Frazao, Porto, Portugal
        Kostas Siamopoulos, Ioannina, Greece

Pathogenesis, diagnosis, prevention and treatment of cardiovascular calcifications
Markus Ketteler, Coburg, Germany

Vitamin D and cardiovascular system
Piergiorgio Messa, Milan, Italy

Non-calcium containing phosphorus binders: a comparison of efficacy, safety and clinical benefits
Joao M. Frazao, Porto, Portugal
Master Class 4

Challenges in AKI management in ICU

Chairs: Andrew Davenport, London, UK
       Aykut Sifil, Izmir, Turkey

Anticoagulation strategies for AKI
James Tattersall, Leeds, UK

Volume management in ICU patients
Ravindra L. Mehta, San Diego, USA

The difficult AKI case: a quiz with the audience
Steven Van Laecke, Ghent, Belgium
Master Class 5

Lipids in CKD

Chairs: Maurice Laville, Lyon, France
        Erling B. Pedersen, Holstebro, Denmark

LDL-cholesterol and CV risk in CKD: epidemiology vs. clinical trials
David Wheeler, London, UK

High-density lipoprotein - the myth of the “good cholesterol”
Thimoteus Speer, Homburg/Saar, Germany

Lipid lowering treatment in diabetics with advanced CKD: the ERBP view
Christiane Drechsler, Würzburg, Germany
Master Class 6

Glomerular diseases: the new and the renewed

Chairs: Alessandro Amore, Turin, Italy
Jesus Egido, Madrid, Spain

The frequency of glomerular diseases: a true decrease versus a lack of diagnosis
Loreto Gesualdo, Bari, Italy

The role of hematuria in the progression of glomerular diseases
Jesus Egido, Madrid, Spain

Proteinuria as a surrogate marker of renal disease progression: is it a valid target for planning a trial?
Piero Ruggenenti, Bergamo, Italy
Master Class 7

Functional imaging in nephrology

Chairs: Emmanuel Durand, Strasbourg, France
Bruno Vogt, Zurich, Switzerland

Nuclear medicine imaging in nephrology
Emmanuel Durand, Strasbourg, France

MR imaging
Bruno Vogt, Zurich, Switzerland

Rodent models for functional imaging of the kidney
Carsten Wagner, Zurich, Switzerland
SCIENTIFIC PROGRAMME

ROOM HISAR 07:30 - 08:30

Master Class 8

Uric acid and CKD

Chairs: Gerjan Navis, Groningen, The Netherlands
Kamil Serdengecti, Istanbul, Turkey

Update in uric acid handling
Olivier Bonny, Lausanne, Switzerland

Genetic epidemiology of hyperuricemia
Gerjan Navis, Groningen, The Netherlands

The role of uric acid in the progression of CKD
Mehmet Kanbay, Istanbul, Turkey
Master Class 9

**Nutrition, water and salt in children**

Chairs: *Lesley Rees*, London, UK  
*Tim Ulinski*, Paris, France

Nutrition in infants with CKD: from basics to practice  
*Lesley Rees*, London, UK

Interpreting urinary sodium and osmolality in children  
*Detlef Böckenhauer*, London, UK

Renal calcification in children: origin and outcome  
*Martin Konrad*, Münster, Germany
Master Class 10

**Drugs in transplantation**

**Chairs:** Ryszard Grenda, Warsaw, Poland
Julio Pascual, Barcelona, Spain

Drug level monitoring and adjustment
Silvio Sandrini, Brescia, Italy

Early versus late steroid withdrawal
Julio Pascual, Barcelona, Spain

Steroid minimization / withdrawal in children after renal transplantation
Ryszard Grenda, Warsaw, Poland
Hands-on Course 1

*Interventional Nephrology*  
(in collaboration with ASDIN - American Society of Diagnostic and Interventional Nephrology)

- Percutaneous angioplasty of dialysis vascular access: indications/contraindications, patient preparation, procedure steps and precautions, outcomes and complications

- Tunneled dialysis catheter insertion: indications/contraindications, patient preparation, procedure steps and precautions, outcomes and complications

- Peritoneal dialysis catheter insertion: indications/contraindications, patient preparation, procedure steps and precautions, outcomes and complications

Faculty:  
**Kenneth Abreo**, Shreveport, USA  
**Stephen Ash**, Lafayette, USA  
**Arif Asif**, Albany, USA  
**Gerald Beathard**, Houston, USA  
**Aris Urbanes**, Grosse Pointe Park, USA  
**Haimanot Wasse**, Atlanta, USA
**Symposium 1**

*Late breaking clinical trials - 1*

Chairs: **Rosanna Coppo**, Turin, Italy  
**Jürgen Floege**, Aachen, Germany

- Soluble ferric pyrophosphate administered via hemodialysate reduces ESA use  
  **Ajay Gupta**, Wixom, USA

- The effects of topical antibacterial honey on catheter-related infections in peritoneal dialysis patients  
  **Carolyn van Eps**, Brisbane, Australia

- Restoration of repressed estrogen receptor α and antioxidant levels in women and men with diabetic kidney disease: possible cardiovascular disease benefits  
  **Gary E Striker**, New York, USA

- Cholesterol absorption predicts the effectiveness of atorvastatin for preventing cardiovascular disease in hemodialysis patients  
  **Günther Silbernagel**, Bern, Switzerland

- Prognostic effect of high density lipoprotein cholesterol and apolipoproteins A1, A2, and C3 in diabetic patients on hemodialysis  
  **Winfried März**, Mannheim, Germany
Symposium 2

New actors in glomerular inflammation

Chairs: Hans-Joachim Anders, Munich, Germany
Andrzej Oko, Poznan, Poland

Macrophages phenotype in renal inflammation
Jeremy Hughes, Edinburgh, UK

Function of Th17 and Th9 cells in glomerulonephritis
Ulf Panzer, Hamburg, Germany

Novel molecular mechanisms of renal inflammation
Hans-Joachim Anders, Munich, Germany

Homostatic and inflammatory functions of kidney dendritic cells
Christian Kurts, Bonn, Germany
Symposium 3

Progeria syndrome in CKD/ESRD

Chairs: Gérard M. London, Fleury-Mérogis, France
Francesca Mallamaci, Reggio Calabria, Italy

Normal human aging and progeria syndromes
Annachiara De Sandre-Giovannoli, Marseille, France

Bone loss and vascular calcification progression in CKD: not only a matter of age
Jorge B. Cannata-Andía, Oviedo, Spain

Accelerated cardiovascular aging in CKD/ESRD
Gérard M. London, Fleury-Mérogis, France

FREE COMMUNICATIONS

SO001
RENAI IMPAIRMENT ASSOCIATES WITH LESS FUNCTIONAL IMPROVEMENT AFTER ACUTE STROKE
Albert Power,1 Dipender Gill,1 Nina Wietek,2 Jiyu Lim,2 Ravina Tanna,2 Neill Duncan,1
1Imperial College Healthcare NHS Trust, Hammersmith Hosp, Imperial College Renal & Transplant Centre, London, UK; 2School Medicine, Imperial College London, London, UK.

SO002
HYPERPHOSPHATEMIA INDUCES INTEGRIN LINKED KINASE EXPRESSION AND LEADS TO CELLULAR SENESCENCE AND AGING: STUDIES IN VIVO AND IN VITRO
Nuria Troyano Suárez,1 Maria Del Nogal Avila,1 Inés Mora Valenciano,1 Gema Olmos Centenero,1 Maria Luisa Diez-Marqués,1 Maria Alicia Cortés,5 Susana López Ongil,2 Paloma Martín Sanchez,1 Diego Rodriguez Puyol,1,2,4,5 Maria Piedad Ruiz Torres,1,4
1Fisiologia, Univ Alcalá de Henares, Alcalá de Henares, Madrid, Spain; 2Hosp Univ Principe de Asturias, Alcalá de Henares, Madrid, Spain; 3FRIAT, Madrid, Spain; 4IRSIN, Madrid, Madrid, Spain; 5REDINRED, Madrid, Spain.
Presented by Sergio de Frutos García, Fisiologia, Univ Alcalá de Henares, Alcalá de Henares, Madrid, Spain
SCIENTIFIC PROGRAMME

ROOM ANADOLU 08:45 - 10:15

Symposium 4

ERA-EDTA Registry

Chairs: Raymond Vanholder, Ghent, Belgium
Christoph Wanner, Würzburg, Germany

Introduction
Christoph Wanner, Würzburg, Germany

Cardiovascular risk profile in children on RRT
Marjolein Bonthuis, Amsterdam, The Netherlands

Rare diseases in the ERA-EDTA Registry
Kitty Jager, Amsterdam, The Netherlands

Vasculitis (granulomatosis with polyangiitis and microscopic polyangiitis)
Vladimir Tesar, Prague, Czech Republic

Adult Polycystic Kidney Disease
Ron T. Gansevoort, Groningen, The Netherlands

Dialysis and pregnancies in Europe: the DIAPER study
Marlies Noordzij, Amsterdam, The Netherlands
Symposium 5

Novel epithelial cell models

Chairs: Giovambattista Capasso, Naples, Italy
       Olivier Devuyst, Zurich, Switzerland

Genetic dissection of ENaC-mediated sodium transport
Edith Hummler, Lausanne, Switzerland

Xenopus embryos as animal models for nephrogenesis, kidney diseases and drug discovery
André W. Braendli, Munich, Germany

FREE COMMUNICATIONS

SO003
DIVERSE ROLES OF mTOR COMPLEXES IN TUBULAR FUNCTION
Ferruh Artunc,1 Ahmed Azaz,1 Nora Haenisch,1 Malte Roerden,1 Tomke Cordts,2 Frederic Arnold,2 Dontaech Kerjachski,3 Markus Ruegg,4 Michael Hall,4 Tobias B Huber,2 Florian Grahamer.2
1Internal medicine, Renal Div, Univ Hosp Tuebingen, Tuebingen, Germany; 2Nephrology, Univ Hosp Freiburg, Freiburg, Germany; 3Pathology, Medical Univ Vienna, Vienna, Austria; 4Biozentrum, Univ Basel, Basel, Switzerland.

SO004
WHAT IS THE ROLE OF ENaC IN THE Na+ RETENTION OBSERVED DURING DECOMPENSATE CIRRHOSIS?
David Mordasini,2 Marc Maillard,2 Edith Hummler,1 Michel Burnier,2 Bruno Vogt.3
1Dept Pharmacology and Toxicology, Univ Lausanne, Lausanne, Switzerland; 2Dept Nephrology and Hypertension, CHUV, Lausanne, Switzerland; 3Dept Nephrology and Hypertension, Inselspital, Bern, Switzerland.
SCIENTIFIC PROGRAMME

ROOM BEYLERBEYI  
08:45 - 10:15

Symposium 6

Congenital anomalies of kidney and urinary tract (CAKUT)

Chairs: Sema Akman, Antalya, Turkey  
Adrian S. Woolf, Manchester, UK

Novel genetic aspect of CAKUT (EUCAKUT consortium)  
Stefanie Weber, Essen, Germany

Prenatal diagnosis of renal tract malformations: can it be done and is it worthy?  
Adrian S. Woolf, Manchester, UK

CAKUT in adult age: a covert risk factor for CKD  
Guy H. Neild, London, UK

FREE COMMUNICATIONS

★SO005  
LOW BIRTHWEIGHT AND LATER RENAL FUNCTION - THE ROLE OF ADULTHOOD OBESITY. RESULTS FROM THE 1946 BRITISH BIRTH COHORT STUDY  
Richard J Silverwood,1 Mary Pierce,2 Rebecca Hardy,2 Naveed Sattar,3 Peter Whincup,4 Charles Ferro,5 Caroline Savage,6 Diana Kuh,2 Dorothea Nitsch.1  
1Dept Non-Communicable Disease Epidemiology, London School Hygiene and Tropical Medicine, London, UK; 2MRC Unit Lifelong Health and Ageing, Univ College London, London, London, UK; 3BHF Glasgow Cardiovascular Research Centre, Inst Cardiovascular and Medical Sciences, Glasgow, UK; 4St George’s, Univ London, Population Health Research Centre, London, London, UK; 5Dept Renal Medicine, Queen Elizabeth Hosp, Birmingham, UK; 6School Immunity and Infection, College Medical and Dental Sciences, Univ Birmingham, Birmingham, UK.

SO006  
RENAL ABNORMALITIES IN FAMILY MEMBERS OF INDIVIDUALS WITH CAKUT  
Harika Alpay, Nurdan Yildiz, Ulger Altuntas, Neslihan Çiçek Deniz, Ibrahim Gokce.  
Pediatric Nephrology, Marmara Univ School Medicine, Istanbul, Turkey.
ROOM RUMELI A 08:45 - 10:15

Symposium 7

Transplant tolerance

Chairs: Josep M. Cruzado, Barcelona, Spain
Simin Goral, Philadelphia, USA

Transplant tolerance: lessons from experimental models
Fadi Issa, Oxford, UK

Protolerogenic effects of Regulatory T cells in renal transplantation
Josep M. Cruzado, Barcelona, Spain

Regulatory T cells in kidney transplantation: the effect of immunosuppression therapy
Ondrej Viklicky, Prague, Czech Republic

B cells in transplantation: effectors or regulators?
Sebastiaan Heidt, Leiden, The Netherlands
Renal vasculitis

Chair: Dimitrios Goumenos, Patras, Greece
Claudio Ponticelli, Milan, Italy

FREE COMMUNICATIONS

SO007
OUTCOME OF RENAL ANCA ASSOCIATED VASCULITIS (AAV) WITH COMPLEMENT HYPERACTIVATION SIGNS: A RETROSPECTIVE STUDY.
Lucio Manenti,1 Lorenzo Signorini,1 Elisa Gnappi,1 Francesco P Pilato,2 Augusto Vaglio,1 Lando Allegri,1 Carlo Buzio.1
1Nephrology, Azienda Osp Univ Parma, Parma, Italy; 2Pathology, Azienda Osp Univ Parma, Parma, Italy.

SO008
ANALYSIS OF WHOLE-BLOOD MICRO-RNA PROFILES IN PR-3-ANCA POSITIVE VASCULITIS
Anna Bertram,1 Svjetlana Lovric,1 Joon-Keun Park,1 Jan U Becker,3 Marion Haubitz,2 Torsten Kirsch.1
1Nephrology, Hannover Medical School, Hannover, Germany; 2Medizinische Klinik III, Klinikum Fulda, Fulda, Germany; 3Pathology, Hannover Medical School, Hannover, Germany.

SO009
CZECH REGISTRY OF ANCA-ASSOCIATED VASCULITIDES 2013 – ON BEHALF OF THE CZECH NATIONAL CLINICAL REGISTRY OF AAV
Eva Jancova,1 Zdena Hruskova,1 Vera Lanska,2 Liliana Sedova,3 Renata Olsanska,5 Dalibor Jilek,6 Pavel Nemec,j4 Vladimír Tesar.1
1Dept Nephrology, General Univ Hosp and Charles Univ, 2Statistical Unit, Inst Clinical and Experimental Medicine, Prague, Czech Rep; 3Inst Rheumatology, First Fac Medicine, Charles, Prague, Czech Rep; 4Behalf Czech National Clinical Registry AAV, Prague, Czech Rep; 5Dept Medicine, Teaching Hosp and Fac Medicine, Ostrava, Czech Rep; 6Imunology Dept., General Hosp, Usti nad Labem, Czech Rep.

SO010
 METHOTREXATE VS CYCLOPHOSPHAMIDE AS MAIN- TENANCE THERAPY IN SEVERE EOSINOPHILIC GRANULOMATOSIS WITH POLYANGITIIS: A SUBANALYSIS OF THE POWERCIME TRIAL
Federica Maritati, Maria L Urban, Elena Oliva, Federico Alberici, Augusto Vaglio, Carlo Buzio.
Dept Clinical Medicine and Nephrology, Univ Hosp Parma, Parma, Italy.
LONG TERM FOLLOW UP OF PATIENTS WHO RECEIVED REPEAT DOSE RITUXIMAB AS MAINTENANCE THERAPY FOR ANCA ASSOCIATED VASCULITIS (AAV)

Federico Alberici, Rona M Smith, Rachel B Jones, David Rw Jayne.
Vasculitis and Lupus Clinic, Addenbrooke’s Hosp, Cambridge, UK.

RITUXIMAB USE IN PATIENTS WITH ANCA-ASSOCIATED VASCULITIS: CLINICAL EFFICACY AND IMPACT ON IMMUNOLOGICAL PARAMETERS

1Dept Nephrology, 2Inst Immunology and Microbiology, First Fac Medicine, Charles Univ Prague and General Univ Hosp Prague, Prague, Czech Rep.
SCIENTIFIC PROGRAMME
ROOM EMIRGAN 08:45 - 10:15

Free Communication Session 2

CKD-MBD - A

Chairs: Mario Cozzolino, Milan, Italy
Bjorn Meijers, Leuven, Belgium

FREE COMMUNICATIONS

◆SO013
PHOSPHATE IMPAIRS ENDOTHELIAL FUNCTION - A MECHANISM FOR INCREASED CARDIOVASCULAR RISK?
ICAMS, Univ Glasgow, Glasgow, UK.

SO014
DIETARY PHOSPHATE INFLUENCES RENAL EXTRACELLULAR MATRIX TURNOVER IN APOE NULL MICE
Katerina Neumann, 2 Lilla Fang, 1 Eberhard Ritz, 3 Marie-Luise Gross-Weissmann, 2 Gabor Kokeny. 1
1 Dept Pathophysiology, Semmelweis Univ, Budapest, Hungary; 2 Inst Pathology, Univ Heidelberg, Heidelberg, Germany; 3 Internal Medicine Div Nephrology, Univ Heidelberg, Heidelberg, Germany.

SO015
PLASMA PENTOSIDINE LEVELS ARE ASSOCIATED WITH OSTEOCLASTIC Activity IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Chikako Nakano, 1 Takayuki Hamano, 2 Naohiko Fujii, 3 Isao Matsui, 1 Satoshi Mikami, 4 Yoshitsugu Obi, 1 Akihiro Shimoymura, 1 Hiromi Rakugi, 1 Yoshiharu Tsubakihara, 2 Yoshitaka Isaka. 1
1 Geriatric Medicine and Nephrology, 2 Comprehensive Kidney Disease Research, Osaka Univ Graduate School Medicine, Suita, Osaka, Japan; 3 Internal Medicine, Hyogo Prefectural Nishinomiya Hosp, Nishinomiya, Hyogo, Japan; 4 Internal Medicine, Higashi-Kohri Hosp, Hirakata, Osaka, Japan.

◆★SO016
LOCAL SYNTHESIS OF CALCITRIOL BY 1αHYDROXYLASE IS INVOLVED IN VASCULAR CALCIFICATION INDUCED BY UREMIA.
Noelia Torremadé, Mª Vittoria Arcidiacono, Petya Valcheva, Milica Bozic, Elvira Fernandez, Jose M Valdivielso.
Nephrology Research Dept, IRBLleida, Univ Hosp Arnau de Vilanova, Lleida, Lleida, Spain.
SO017
SOLUBLE α-KLOTHO LEVELS IN CKD
Silverio Rotondi, Marzia Pasquali, Carmina Conte, Cristiana Leonangeli, Maria Luisa Muci, Giuliana PIRRÒ, Lida Tartaglione, Sandro Mazzaferro.
Cardiovascular, Respiratory, Nephrologic and Geriatric Sciences, Sapienza Univ, Rome, Italy, Italy.

SO018
ESTABLISHMENT OF STANDARD OPERATING PROCEDURES (SOP) FOR SCLEROSTIN AND FGF23 MEASUREMENTS IN ESRD
Ulf Janssen,1 Shirin Naderi,1 Mark Hennies,2 Thilo Krüger,3 Vincent Brandenburg,4
1Nephrology, Kliniken Maria Hilf, Mönchengladbach, Germany; 2TEComedical AG, Sissach, Switzerland; 3Nephrology, 4Cardiology, Univ Hosp Aachen, Aachen, Germany.
Encapsulating peritoneal sclerosis

Chairs: Soner Duman, Izmir, Turkey
Olof Heimbürger, Stockholm, Sweden

FREE COMMUNICATIONS

★SO019
T-HELPER CELLS AND FIBROSIS-ASSOCIATED MACROPHAGES DOMINATE THE PERITONEAL INFLAMMATORY INFILTRATE IN EPS PATIENTS
S M. Habib,1 A C Abrahams,2 M R Korte,3 M Claensen-Van Groningen,4 M Gh Betjes.1
1Nephrology, Erasmus Medical Center, Rotterdam, Netherlands; 2Nephrology, UMC Utrecht, Utrecht, Netherlands; 3Nephrology, Albert Schweizer Hosp, Dordrecht, Netherlands; 4Pathology, Erasmus Medical Center, Rotterdam, Netherlands.

★SO020
THE PREDICTIVE VALUE OF PERITONEAL EFFLUENT MMP-2 AND PAI-1 IN PD PATIENTS WHO DEVELOP ENCAPSULATING PERITONEAL SCLEROSIS
Deirisa Lopes Barreto,1 Dirk G Struijk,1,2 Raymond T Krédiet.1
1Internal Medicine, Div Nephrology, Academic Medical Center, Univ Amsterdam, Amsterdam, Netherlands; 2Dianet Foundation, Amsterdam-Utrecht, Netherlands.

★SO021
CCN2 (CTGF) IS HIGHLY EXPRESSED IN PERITONEUM OF PATIENTS WITH ENCAPSULATING PERITONEAL SCLEROSIS (EPS)
A C Abrahams,1 S M Habib,2 A Dendooven,3 D M Van Der Giezen,3 K Garchow,4 R J Toorop,5 C Je Watson,6 W H Boer,1 B L Riser,4 T Q Nguyen,3
1Nephrology, UMCU, Utrecht, Netherlands; 2Nephrology, Erasmus MC, Rotterdam, Netherlands; 3Pathology, UMCU, Utrecht, Netherlands; 4Physiology and Biophysics, Rosalind Franklin Univ Medicine and Science, Chicago, USA; 5Surgery, UMCU, Utrecht, Netherlands; 6Surgery, Addenbrooke’s Hosp, Cambridge, UK.

★SO022
GADOLINIUM DEPOSITS IN THE PERITONEAL MEMBRANE- SECOND-HIT FOR DEVELOPMENT OF ENCAPSULATING PERITONEAL SCLEROSIS?
Joerg Latus,1 Peter Fritz,2 Christoph Ulmer,3 Stephan Seerrer,4 Dominik Alscher,1 Niko Braun.1
1Dept Internal Medicine, Div Nephrology, 2Dept Diagnostic Medicine, Div Pathology, 3Surgery, Robert-Bosch Hosp, Stuttgart, Germany; 4Div Nephrology, Univ Hosp Zurich, Zurich, Switzerland.

SO023
TRANSIENT FLUID FLOW STRESS AFFECTS THE KINETICS OF MESOTHELIAL CELLS AFTER ABRUPT DISCONTINUATION: POSSIBLE ROLE IN EPS AFTER WITHDRAWAL FROM PERITONEAL DIALYSIS
Shigehisa Aoki,1 Junichi Makino,2 Mitsuru Noguchi,3 Shuji Toda.1
1Pathology, Saga Univ, Saga, Japan; 2Urology, Makino Clinic, Saga, Japan; 3Urology, Saga Univ, Saga, Japan.

SO024
ENCAPSULATING PERITONEAL SCLEROSIS IN CHILDREN ON CHRONIC PD – A SURVEY FROM THE EUROPEAN PAEDIATRIC DIALYSIS WORKING GROUP
Rukshana Shroff,1 Constantinos Stefanidis,2 Alberto Edfonti,3 Mesiha Ekim,4 Gema Ariceta,5 Sevcan Bakkaloglu,6 Michel Fischbach,7 Gunter Klaus,8 Aleksandra Zurowska,9 Claus Peter Schmitt,10 Alan Watson.11
1Great Ormond Street Hosp Children, London, UK; 2A & P Kyriakou Children’s Hosp, Athens, Greece; 3Clinica Pediatrica De Marchi, Milan, Italy; 4Ankara Univ Hosp, Ankara, Turkey; 5Hosp Cruces, Barakaldo, Vizcaya, Spain; 6Gazi Univ Hosp, Ankara, Turkey; 7Hop Hautepierre, Strasbourg, France; 8KfH Pediatric Kidney Center, Marburg, Germany; 9Univ Hosp, Gdansk, Poland; 10Center Pediatric & Adolescent Medicine, Heidelberg, Germany; 11Univ Hosp, Nottingham, UK.
Plenary Lecture 1

Chairs: Gültekin Süleymanlar, Antalya, Turkey
Raymond Vanholder, Ghent, Belgium

_Innate immunity: from flies to humans_
Jules A. Hoffmann, Strasbourg, France
Common dialysis problems: new solutions

Chairs: Walter H. Hörl, Vienna, Austria
Wojciech Zaluska, Lublin, Poland

How to assess lung congestion in dialysis patients: LUST an ERA-EDTA supported study
Carmine Zoccali, Reggio Calabria, Italy

Is HD treatment 3 times per week acceptable as standard therapy?
Stefan Jacobson, Stockholm, Sweden

Effect of online haemodiafiltration on all-cause mortality and cardiovascular outcomes
Ercan Ok, Izmir, Turkey

The intradialytic biofeedbacks and the cardiovascular stability in hypotension-prone patients
Antonio Santoro, Bologna, Italy
Biological targets for treatment of glomerular diseases

Chairs: Peter Boor, Aachen, Germany
Fernando Fervenza, Rochester, USA

Anti CD20: emerging treatment strategies of immune-mediated glomerular disease
Fernando Fervenza, Rochester, USA

Anti-IL-6, anti-IL-1 and belimumab - treatment options for glomerular disease?
Andreas Schwarting, Mainz, Germany

Epidermal Growth Factor receptor pathway as a potential target for the treatment of renal diseases
Pierre-Louis Tharaux, Paris, France
Symposium 10

Biomarkers for AKI

Chairs: T. Alp Ikizler, Nashville, USA
Claudio Ronco, Vicenza, Italy

Acute tubular damage markers and novel recommendations for AKI diagnosis
Michael Haase, Magdeburg, Germany

Are biomarkers so perfect? An overview
T. Alp Ikizler, Nashville, USA

One biomarker for the diagnosis of AKI is not enough
Harald Mischak, Hanover, Germany

Biomarkers versus clinical assessment in AKI
Wim Van Biesen, Ghent, Belgium
SYMPOSIUM 11

14:30 - 16:00

ASN highlights

Chairs: Agnes Fogo, Nashville, USA
Raymond Vanholder, Ghent, Belgium

Acute Kidney Injury
Ravindra L. Mehta, San Diego, USA

Glomerular diseases
Patrick H. Nachman, Chapel Hill, USA
ROOM CAMLICA 14:30 - 16:00

Symposium 12

*New insights into the loop of Henry*

Chairs: **Heini Murer**, Zurich, Switzerland  
**Carsten Willam**, Erlangen, Germany

Uromodulin biology  
**Olivier Devuyst**, Zurich, Switzerland

Thick ascending limb and acute ischemic injury  
**Carsten Willam**, Erlangen, Germany

New transport systems  
**Pascal Houillier**, Paris, France

**FREE COMMUNICATION**

SO026
PROFOUND AND SYNERGISTIC SALT WASTING BY ACETAZOLAMIDE AND HYDROCHLOROTHIAZIDE: MOLECULAR BASIS AND IMPLICATIONS AS A DIURETIC REGIMEN IN PATIENTS WITH FLUID OVERLOAD  
Sharon Barone,1,2 Jie Xu,1,2 Kamyar Zahedi,1,2 **Manoocher Soleimani.**1,2  
1Medicine, Univ Cincinnati, Cincinnati, OH, USA; 2Research Services, Veterans Administration, Cincinnati, OH, USA.
Hypertension and outcomes

Chairs: Mustafa Arici, Ankara, Turkey
       Bénédicte Stengel, Villejuif, France

Mini Lecture
Renalase in CKD
Jolanta Małyszko, Bialystok, Poland

FREE COMMUNICATIONS

ALBUMINURIA IN PREDICTION OF CARDIOVASCULAR MORTALITY. ONE VERSUS MULTIPLE URINE SAMPLES IN THE SECOND HUNT STUDY, NORWAY
Gudrun Hatlen,1,2 Solfrid Romundstad,1,3,4 Stein I Hal-lan,1,2
1Dept Cancer Research and Molecular Medicine, Fac Medi-cine, Norwegian Univ Science and Technology (NTNU), Trond-heim, Norway; 2Dept Medicine, Div Nephrology, St. Olav Univ Hosp, Trondheim, Norway; 3Dept Internal Medicine, Levanger Hosp, Levanger, Norway; 4HUNT Research Cen-tre, Fac Medicine, Norwegian Univ Science and Technology (NTNU), Levanger, Norway.

MEDITERRANEAN DIET, KIDNEY FUNCTION, AND MORTALITY IN MEN WITH CHRONIC KIDNEY DISEASE
Juan J. Carrero,1,6 Xiaoyan Huang,1 Jose J. Jiménez-Moleón,2 Bengt Lindholm,1 Tommy Cederholm,3 Johan Årnlöv,4,5 Ulf Risérus,3 Per Sjögren,3

Mini Lecture
New treatment of preeclampsia
Thomas Benzing, Cologne, Germany
SO029
PREVALENCE OF HYPERTENSION AND LOW GFR IN OBESE CHILDREN: RESULTS OF A POPULATION BASED FIELD STUDY, THE CREDIT-C STUDY
Ali Duzova,1 Fatos Yalcinkaya,2 Oguz Soylemezoglu,3 Esra Baskin,4 Aysin Bakkaloglu.1
1Dept Pediatric Nephrology, Hacettepe Univ Fac Medicine, Ankara, Turkey; 2Dept Pediatric Nephrology, Ankara Univ Fac Medicine, Ankara, Turkey; 3Dept Pediatric Nephrology, Gazi Univ Fac Medicine, Ankara, Turkey; 4Dept Pediatric Nephrology, Baskent Univ Fac Medicine, Ankara, Turkey.
SCIENTIFIC PROGRAMME

ROOM EMIRGAN  14:30 - 16:00

Free Communication Session 5 + Mini Lecture

ESAs and iron

Chairs: Fernando Carrera, Lisbon, Portugal
Michel Jadoul, Brussels, Belgium

FREE COMMUNICATION

SO030
CLINICAL PHARMACOLOGY OF THE ANTI-HEPcidIN SPIEGELMER® NOX-H94
Lucas Van Eijk,1 Stefan Zöllner,1 Stéphanie Vouléon,1 Benjamin Van Hecke,2 Dorine Swinkels,3 Coby Laarakkers,3 Luciana Summo,1 Malcom Boyce,2 Peter Pickkers,3 Frank Schwoebel,1 Kai Riecke.1
1NOXXON Pharma AG, Berlin, Germany; 2Hammersmith Medicines Research, London, UK; 3Radboud Univ Nijmegen Medical Centre, Nijmegen, Netherlands.

Mini Lecture
Will the new ESAs change the approach to the treatment of anaemia of patients in dialysis?
Francesco Locatelli, Lecco, Italy

FREE COMMUNICATIONS

SO031
SAFETY AND EFFICACY OF FERUMOXYTOL VS. IRON SUCROSE IN THE TREATMENT OF IRON DEFICIENCY ANEMIA (IDA) IN PATIENTS WITH NORMAL AND ABNORMAL RENAL FUNCTION
William Strauss, Kristine Bernard, Zhu Li, Lee Allen. AMAG Pharmaceuticals, Inc., Lexington, MA, USA.

SO032
IRON DEFICIENCY, IRON IMMOBILIZATION IN MACROPHAGES AND THEIR OVERLAP IN RENAL ANEMIA
Liliana Barsan,1 Ana Stanciu,1 Simona Stancu,2 Cristina Căpușa,2 Gabriel Mircescu.2
1Dr. Carol Davila Hosp Nephrology, Bucharest, Romania; 2Nephrology, Carol Davila Univ Medicine and Pharmacy, Bucharest, Romania.
SO033
HYPOPHOSPHATEMIA INDUCED BY INTRAVENOUS ADMINISTRATION OF FERRIC CARBOXYMALTOSE IN NONDIALYSIS CHRONIC KIDNEY DISEASE PATIENTS IS NOT MEDIATED BY FGF23
Merche Prats,1 Ramon Font,1 Carmen Garcia,1 Carmen Cabrè,1 Manel Jariod,2 Alberto Martinez Vea,1 1Serv Nefrologia, 2Unidad Sistemas Información de la gestión, Hosp Univ Joan XXIII, Tarragona, Tarragona, Spain.

SO034
VARIABILITY OF SERUM FERRITIN LEVELS AND DOSE OF INTRAVENOUS IRON AFFECT THE MORTALITY IN PATIENTS ON MAINTENANCE HEMODIALYSIS.
Takahiro Kuragano, Mana Yahiro, Sayuri Hamahata, Oue Mai, Aritoshi Kida, Yasuyuki Nagasawa, Yukiko Hasuike, Yoshinaga Otaki, Takeshi Nakanishi. Dept Internal Medicine Div Kidney and Dialysis, Hyogo College Medicine, Nishinomiya, Hyogo, Japan.
Free Communication Session 6

Cardiovascular disease in CKD

Chair: Carlo Basile, Taranto, Italy

FREE COMMUNICATIONS

SO035
ASSOCIATION OF MAGNESIUM LEVEL WITH REDUCED CARDIOVASCULAR MORTALITY IN INCIDENT DIALYSIS PATIENTS
Johanna S Van Den Broek,1 Tiny Hoekstra,2 Christiane Drechsler,4 Vincent M Brandenburg,3 Friedo W Dekker,2 Marc G Vervloet,1
1Dept Nephrology, VU Medical Center, Amsterdam, Netherlands; 2Dept Clinical Epidemiology, Leiden Univ Medical Center, Leiden, Netherlands; 3Dept Cardiology, Univ Hosp RWTH, Aachen, Germany; 4Dept Internal Medicine 1, Div Nephrology, Univ Würzburg, Würzburg, Germany.

SO036
MIR-155 PBMC EXPRESSION IN CHRONIC HEMODIALYSIS PATIENTS WITH CARDIOVASCULAR RISK
Paolo Albrizio,3 Vincenzo Sepe,1 Massimiliano Gnegchi,2 Elisabetta Cervio,2 Filippo Mangione,1 Fulvio Fiorini,4 Tere- sa Rampino,1 Carmelo Libetta,3 Antonio Dal Canton,3
1Unit Nephrology, Dialysis and Transplantation, 2Coronary Intensive Care Unit, Fond IRCCS Policlinico San Matteo, Pa- via, Italy; 3Chair Nephrology, Univ Pavia, Pavia, Italy; 4Ne- frology, dialysis and dietology, Osp SM della Misericordia, Rovigo, Italy.

SO037
SOLUBLE FLT-1 CONTRIBUTES TO CARDIOVASCULAR DISEASE IN CKD
Giovana Di Marco,1 Stefan Reuter,1 Dominik Kentrup,1 Klaus Tiemann,2 Manfred Fobker,1 Christiane Engelbertz,1 Günter Breithardt,1 Holger Reinecke,1 Eva Brand,1 Hermann Pavenstädt,1 Marcus Brand,1
1Universitätsklinikum Münster, Münster, Germany; 2Isar Medizin Zentrum, München, Germany.

SO038
VITAMIN K ANTAGONISTS ARE AN INDIPENDENT RISK FACTOR FOR UREMIC FOOT AND DEATH AMONG DIALYZED PATIENTS
Andreana De Mauri, Novella Conti, Doriana Chiarinotti, Pa- ola David, Federica Capurro, Martino De Leo. Nephrology and Dialysis Unit, Univ Hosp Maggiore della Carità, Novara, Italy.
SO039
VITAMIN K ANTAGONISTS IN HEMODIALYSIS PATIENTS: IMPACT ON THE PLASMA LEVELS OF DEPHOSPHO-UNCARBOXYLATED MATRIX GLA-PROTEIN
Pierre Delanaye,1 Jean-Marie Krzesinski,1 Xavier Warling,3 Nicole Smelten,4 Etienne Cavalier.2
1Nephrology Dialysis Transplantation, 2Clinical Chemistry, CHU Sart Tilman, Univ Liège, Liège, Belgium; 3Dialysis-Nephrology, Centre Hosp Régional, La Citadelle, Liège, Belgium; 4Nephrology-Dialysis, Centre Hosp du Bois de l’Abbaye, Seraing, Belgium.

SO040
SAFETY OF WARFARIN USE IN CHRONIC HEMODIALYSIS PATIENTS: A PROSPECTIVE COHORT STUDY
Matsuhiko Hayashi,1 Yoshihiko Kanno,1 Mieko Iwai,1 Tadashi Yoshida,1 Takayuki Abe.2
1Apheresis and Dialysis Center, 2Center Clinical Research, Univ Keio, School Medicine, Shinjuku-ku, Tokyo, Japan.
Paediatric Nephrology - A

Chairs: Christer Holmberg, Helsinki, Finland
Oguz Soylemezoglu, Ankara, Turkey

FREE COMMUNICATION

SO041
FREQUENCY, RISK FACTORS, CLINICAL COURSE AND EFFECT ON MORTALITY OF ACUTE KIDNEY INJURY IN NEWBORNs IN A THIRD LEVEL NEONATAL INTENSIVE CARE UNIT
Pediatrics, Dokuz Eylül Univ Medical Fac, İzmir, Turkey.

Mini Lecture
Autoinflammatory diseases in children
Seza Ozen, Ankara, Turkey

FREE COMMUNICATIONS

★SO042
IDENTIFICATION OF SUBGROUPS AT HIGH RISK OF GRAFT FAILURE AFTER PAEDIATRIC RENAL TRANSPLANTATION
Danilo Lofaro,1 Ameen Abu-Hanna,2 Kitty Jager,2 Franz Schaefer,3 Enrico Verrina,4 Karlijn Van Stralen.2
1Kidney and Transplantation Research Center, Annunziata Hosp, Cosenza, Italy; 2Medical Informatics, AMC, Univ Amsterdam, Amsterdam, Netherlands; 3Pediatric Nephrology, Univ Hosp, Heidelberg, Germany; 4Pediatric Nephrology, Gaslini Children’s Hosp, Genoa, Italy.

SO043
FIBROBLAST GROWTH FACTOR 23 (FGF23) AND SOLUBLE KLOTHO (SKLOTHO) AFTER PEDIATRIC KIDNEY TRANSPLANTATION (pKTX)
Markus J Kemper, Jun Oh, Anja Lehnhardt, Michael Van Husen.
Pediatric Nephrology, Univ Children’s Hosp, Hamburg, Germany

Mini Lecture
Merging adherence and nonadherence in pediatric renal transplant
Pierre Cochat, Bron, France
FREE COMMUNICATIONS

SO044
MOLECULAR MARKERS OF FIBROSIS BUT NOT ALLOIMMUNE RESPONSE IS ASSOCIATED WITH KIDNEY GRAFT DYSFUNCTION AFTER BORDERLINE CHANGES DIAGNOSIS: GENOME-WIDE ASSOCIATION STUDY

Petra Hrubá,1 Irena Brabcová,1 Zdeněk Krejčík,3 Viktor Stránecký,4 Eva Honsová,5 Ondřej Viklický.1,2
1 Transplant Lab, 2 Dept Nephrology, Inst Clinical and Experimental Medicine, Prague, Czech Republic; 3Inst Hematology and Blood Transfusion, Prague, Czech Republic; 4Inst Inherited Metabolic Disorders, Prague, Czech Republic; 5 Dept Clinical and Transplant Pathology, Inst Clinical and Experimental Medicine, Prague, Czech Republic.

SO045
PERIPHERAL BLOOD MONONUCLEAR CELLS (PBMCs) PHOSPHOPROTEOME ANALYSIS: A NEW TOOL TO INVESTIGATE ANTIBODY-MEDIATED CHRONIC GRAFT REJECTION

Maria Teresa Rocchetti,2 Paola Pontrelli,2 Federica Rascio,2 Marco Fiorentino,2 Giovanni Stallone,1 Loreto Gesualdo,2 Giuseppe Grandaliano.1
1 Nephrology, Dialysis and Transplantation Unit, Dept Medical and Surgical Sciences, Univ Foggia, Foggia, Italy; 2 Nephrology, Dialysis and Transplantation unit, Dept Emergency and Organ Transplantation (DETO), Aldo Moro Univ, Bari, Italy.

Mini Lecture
Therapeutic potential of mesenchymal stem cell-derived molecules

Vincenzo Cantaluppi, Turin, Italy
**FREE COMMUNICATIONS**

**SO046**
THE NUMBER OF B CELL EPITOPES AS A POSSIBLE TOOL TO IMPROVE THE PREDICTIVE VALUE OF HLA DONOR-SPECIFIC ANTIBODIES DETECTED BY FLOW BEADS ASSAYS
Anne Lemy,1 Arnaud Lionet,2 Christian Noel,2 Lionel Couzi,3 Jean-Luc Taupin,3 Pierre Merville,3 Christian Hiesse,4 Caroline Suberbielle-Boissel,5 Martine De Meyer,6 Dominique Latombe,6 Judith Racapé,1 Karl M Wissing,7 Frans Hj Claas,8 Michel Toungouz,1 **Daniel Abramowicz.**1
1Erasme Hosp, Brussels, Belgium; 2CHU Lille, Lille, France; 3CHU Bordeaux, Bordeaux, France; 4Foch Hosp, Paris, France; 5Saint-Louis Hosp, Paris, France; 6Saint-Luc Hosp, Brussels, Belgium; 7UZ Brussels, Brussels, Belgium; 8LUMC, Leiden, Netherlands.

**SO047**
EXPRESSION OF SKIN-HOMING RECEPTORS IN THE DIFFERENT CD4+ T CELL SUBSETS OBTAINED BY ASPIRATION CYTOLOGY OF THE RENAL GRAFT VERSUS PERIPHERAL BLOOD.
**Abelardo Caballero,1 Pedro Ruiz-Esteban,2 Myriam Leon,3 Eulalia Palma-Merida,2 Dolores Burgos,2 Mercedes Cabello,2 Miguel Gonzalez-Molina,2 Alvaro Torres,2 Domingo Hernandez.2**
1Immunology, 2Nephrology, 3Pathological Anatomy, Carlos Haya Hosp, Malaga, Spain.

**SO048**
THE INFLUENCE OF SIROLIMUS ON RENAL MAGNESIUM HANDLING, ON RENAL EGF EXPRESSION AND ON THE MAGNESIUM CHANNEL TRPM6.
**Eefje H.C.C. Janssen,1,2 Kristien J. Ledeganck,1 Joost G.J. Hoenderop,2 Gert A. Verpoorten,1 Benedicte Y. De Winter.1**
1Lab Experimental Medicine and Pediatrics, Univ Antwerp, Antwerp, Belgium; 2Dept Physiology, Radboud Univ Nijmegen Medical Center, Nijmegen, Netherlands.
Symposium 13

Hypertension in CKD

Chairs: Francesca Mallamaci, Reggio Calabria, Italy
       Dimitrios Tsakiris, Thessaloniki, Greece

Visit to visit BP variability: a new dimension of blood pressure components in CKD
Francesca Mallamaci, Reggio Calabria, Italy

24hs monitoring blood pressure in CKD: why, when and how
Roberto Minutolo, Naples, Italy

Treatment with blood-pressure-lowering drugs in CKD: thresholds, targets and audit standards
Charles Tomson, Bristol, UK

FREE COMMUNICATIONS

SO049
COMPARISON OF THE EFFECTS OF PRE-HD AND HOME BLOOD PRESSURE ON DEATH AND CARDIOVASCULAR OUTCOMES AMONG CHRONIC HEMODIALYSIS PATIENTS: A SUB-ANALYSIS OF OCTOPUS
Kunitoshi Iseki,1 Hisatomi Arima.2
1Univ Hosp Ryukyus, Dialysis Unit, Nishihara, Japan; 2George Inst, Sydney, Australia.

SO050
INCREASED PULSE PRESSURE IS ASSOCIATED WITH DEPRESSED LOW FREQUENCY POWER OF HEART RATE VARIABILITY IN HAEMODIALYSIS PATIENTS
Dimitrios Poulakakos,1 Debasish Banerjee,1 Marek Malik.1
1Cardiovascular Sciences, St George’s Univ London, London, UK; 2Renal and Transplantation, St George’s Hosp NHS Trust, London, UK.
Symposium 14

Membranous nephropathy

Chairs: Alain Meyrier, Paris, France  
Meltem Pekpak, Istanbul, Turkey

Update in pathogenesis  
Pierre Ronco, Paris, France

Clinical value of anti-PLA2R antibodies in membranous nephropathy  
David J. Salant, Boston, USA

First therapy for membranous nephropathy  
Julia Hofstra, Nijmegen, The Netherlands

Old and new alternative treatments  
Claudio Ponticelli, Milan, Italy
Symposium 15

Peritoneal and haemodialysis choices

Chairs: Salvatore Di Giulio, Rome, Italy
Thierry Lobbedez, Caen, France

Aiding decisions for choosing dialysis modality
Andrew Mooney, Leeds, UK

Integrating home therapies HHD with PD, including assisted PD
Thierry Lobbedez, Caen, France

How to manage assisted peritoneal dialysis for the elderly patients
Olof Heimbürger, Stockholm, Sweden

Cardiovascular prevention by nocturnal haemodialysis
Ali Basci, Izmir, Turkey
Literature Update

Chairs: Peter Stennvinkel, Stockholm, Sweden  
David Wheeler, London, UK

Chronic Kidney Disease: a review of current literature in 2013  
Adeera Levin, Vancouver, Canada

Dialysis  
Carlo Basile, Taranto, Italy

What is new and what is hot in kidney transplantation  
Umberto Maggiore, Parma, Italy

CKD vascular complications  
David Wheeler, London, UK

Glomerulonephritis  
Manuel Praga, Madrid, Spain
Symposium 16

Phosphate: a novel risk factor for cardiovascular disease and CKD progression

Chairs: Pablo Urena Torres, Saint-Ouen, France
Carmine Zoccali, Reggio Calabria, Italy

Phosphate and cardiovascular disease beyond CKD: is phosphate a new cholesterol?
Michel Jadoul, Brussels, Belgium

Phosphate burden, renal disease progression and the response to nephroprotective treatments
Carmine Zoccali, Reggio Calabria, Italy

Does phosphate qualify as a cardiovascular risk factor in CKD?
Marcello Tonelli, Edmonton, Canada

FREE COMMUNICATIONS

SO051 DELETERIOUS EFFECTS OF PHOSPHATE ON VASCULAR FUNCTION
Kathryn K Stevens,1,2 Rajan K Patel,1,2 Godfrey L Smith,1 Marc J Clancy,2 Christian Delles,1 Alan G Jardine,1,2
1ICAMS, Univ Glasgow, Glasgow, UK; 2Renal Transplant Unit, Western Infirmary, Glasgow, UK.

SO052 MAGNESIUM SUPPLEMENTATION PREVENTS PHOSPHATE-INDUCED CALCIFICATION IN HUMAN AORTIC VASCULAR SMOOTH MUSCLE CELLS
Sjoerd Verkaart,1 Janine Büchel,2 Sonja Steppan,2 Marla Lavrijsen,1 Jeroen De Baaij,1 Joost G. Hoenderop,1 René J. Bindels.1
1Physiology, Radboud Univ Nijmegen Medical Centre, Nijmegen, Netherlands; 2Renal pharma, Fresenius Medical Care Deutschland GmbH, Bad Homburg, Germany.
Symposium 17

Cystic disease, ciliopathy and mitochondrial cytopathies

Chairs: Thomas Benzing, Cologne, Germany
       Sandrine Florquin, Amsterdam, Netherlands

Diagnosis, management and prognosis of HNF1B nephropathy from children to adults
Stanislas Faguer, Toulouse, France

Follow-up of patients with juvenile nephronophthisis after renal transplantation
Rezan Topaloglu, Ankara, Turkey

Renal involvement in mitochondrial cytopathies
Francesco Emma, Rome, Italy

FREE COMMUNICATIONS

SO053
POLYCYSTIC KIDNEY DISEASE (ARPKD/ADPKD) GETS COMPLEX: GENETIC NETWORK AND MUTATIONS IN MULTIPLE CILIA-RELATED GENES
Valeska Frank,1 Eva Decker,1 Tobias Eisenberger,1 Christian Decker,1 Hanno J. Bolz,1 Carsten Bergmann.1,2
1Center Human Genetics Bioscientia, Ingelheim, Germany; 2Center Clinical Research, Univ Freiburg, Freiburg, Germany.

SO054
AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD): PKD1 AND PKD2 MUTATIONAL SCREE-NING IN 100 ITALIAN PATIENTS
Maddalena Gigante,1 F. Bruno,1 S. Diella,1 B. Infante,1 E. Raineri,1 G. Stallone,1 G. Grandaliano,1 L. Gesualdo.2
1NDT Unit, Dept Medical and Surgical Sciences, Univ Foggia, Foggia, Italy; 2Dept Emergency and Organ Transplantation, Univ Bari, Bari, Italy.
Symposium 18

**Immunosuppression: when not enough, when too much**

Chairs: Turgay Arinsoy, Ankara, Turkey
Josep M. Grinyo, Barcelona, Spain

Immunosuppression in 2013 with the upcoming immunosuppressive drugs: looking for the best cocktail
Rainer Oberbauer, Vienna, Austria

Patient with a failed graft: how to manage immunosuppression. Should the failed graft be left in place?
Arnaud Del Bello, Toulouse, France

PTLD after renal transplantation
Josep M. Grinyo, Barcelona, Spain

mTOR inhibitors lights and shadows
Giuseppe Grandaliano, Foggia, Italy
Diabetes - clinical

Chairs: Gert Mayer, Innsbruck, Austria
Siren Sezer, Ankara, Turkey

FREE COMMUNICATIONS

SO055
EFFECTS OF DIET-INDUCED INSULIN RESISTANCE ON BASAL AND INSULIN-STIMULATED RATES OF RENAL CORTICAL MITOCHONDRIAL PYRUVATE DEHYDROGENASE/TRICARBOXYLIC ACID FLUX IN AWAKE RATS
Fitsum Guebre-Egziabher,1,2,3 Tiago C Alves,1 Rachel J Perry,1 Yasmeen Rahimi,1 Sachin K Majumdar,1 Simona Ioja,1 Naoki Kumashiro,1 Mario Kahn,1 Dongyan Zhang,1 Richard Kibbey,1 Gerald I Shulman.1
1Dept Internal Medicine and Cellular & Molecular Physiology, Yale Univ School Medicine, New Haven, Connecticut, USA; 2Nephrology Dept, Hospices Civils Lyon, Lyon, France; 3INSERM u 1060 CarMeN, Univ Lyon, Lyon, France.

SO056
CRUCIAL ROLES OF MITOCHONDRIAL MORPHOGENESIS IN DIABETIC NEPHROPATHY
You-Ying Chau,2 Lung-Chih Lee,1 Chien-Te Lee,1 Jin-Bor Chen,1 Wen-Chin Lee,1 Chien-Hua Chiu.1
1Dept Internal Medicine, Kaohsiung Chang Gung Memorial Hosp and Chang Gung Univ College Medicine, Div Nephrology, Kaohsiung, Taiwan Republic of China; 2Medical Research Council, Human Genetics Unit, Edinburgh, UK.

SO057
NEPHRONECTIN IS A NOVEL PROTEIN ASSOCIATED WITH DIABETIC NEPHROPATHY
Eiji Ishimura,1 Katsuhito Mori,1 Hideki Wanibuchi,2 Masaki Inaba,1 Shinya Nakatani.1
1Metabolism, Endocrinology, and Molecular Medicine, Osaka City Univ Graduate School Medicine, Osaka, Japan.

SO058
CLINICAL DEVELOPMENT OF CCR2 ANTAGONISTS CCX140-B AND CCX872-B
ChemoCentryx, Inc., Mountain View, CA, USA.
SO059
THE POSTPRANDIAL RESPONSES OF GLUCOREGULATORY GUT INCRETIN HORMONES IN NONDIABETIC PATIENTS WITH END-STAGE RENAL DISEASE
Thomas Idorn,1 Filip K Knop,2,3 Jens J Holst,3 Mads Hornum,1 Bo Feldt-Rasmussen.
1Dept Nephrology, Copenhagen Univ Hosp, RigsHosp, Copenhagen, Denmark; 2Diabetes Research Div, Dept Internal Medicine, Gentofte Hosp, Hellerup, Denmark; 3NNF Center Basic Metabolic Research, Dept Biomedical Sciences, Panum Inst, Univ Copenhagen, Copenhagen, Denmark.

SO060
LACTIC ACIDOSIS DURING ACUTE KIDNEY INJURY: IS METFORMIN AN INNOCENT BYSTANDER OR THE CULPRIT?
David Cucchiari, Elisa Merizzoli, Manuel Podestà, Albania Calvetta, Claudio Angelini, Salvatore Badalamenti. Nephrology Unit, Humanitas Clinical and Research Center, Rozzano, Italy.
Free Communication Session 10

Vascular access

Chairs: Neill Duncan, London, UK
Wim Van Biesen, Ghent, Belgium

FREE COMMUNICATIONS

★SO061
BARRIERS TO IMPLEMENTING A FISTULA-FIRST POLICY IN EUROPE
SN Van Der Veer,1 L Labriola,5 R Fluck,3 Kj Jager,1 L Coentrão,2 W Kleophas,4 P Ravani,6 W Van Biesen.7
1AMC, Amsterdam, Netherlands; 2Porto Univ, Porto, Portugal; 3Royal Derby Hosp, Derby, UK; 4Gemeinschaftspraxis Karlstr., Düsseldorf, Germany; 5Clin Univ St Luc, Brussels, Belgium; 6Calgary Univ, Alberta, Canada; 7UZ Gent, Ghent, Belgium.

SO062
HEMODIALYSIS TUNNELED CENTRAL VENOUS CATHETERS: FIVE YEARS OUTCOMES ANALYSIS
Salvatore Mandolfo, Pasqualina Acconcia, Raffaella Bucci, Bruno Corradi, Marco Farina.
Renal Unit - A.O. Lodi, Lodi, Italy.

SO063
A RANDOMISED CONTROL TRIAL OF TAUROLIDINE-HEPARIN-CITRATE LINE LOCKS IN PREVENTION OF RECURRENCE OF CATHETER RELATED BACTERAEMIA IN HAEMODIALYSIS PATIENTS
Imperial College Renal and Transplant Centre, Hammer-smith Hosp, London, UK.

SO064
IS FETUIN-A A BIOMARKER OF VASCULAR ACCESS (VA) FUNCTION IN CHRONIC HEMODIALYSIS (HD) PATIENTS?
Ramon Roca-Tey,1 M Ramírez De Arellano,2 Jc González-Oliva,1 R Samon,1 O Ibrík,1 A Roda,1 J Viladoms.1
1Nephrology, Hosp Mollet, Mollet del Vallés, Barcelona, Spain; 2Nephrology, Hosp Terrassa, Terrassa, Barcelona, Spain.
SO065
VASCULAR ACCESS CALCIFICATION RATHER THAN OVERALL CALCIFICATION SCORE IS A PREDICTOR OF ARTERIOVENOUS FISTULA SURVIVAL
Aleksandar Jankovic, Tatjana Damjanovic, Zivka Djuric, Jovan Popovic, Nada Dimkovic.
Clinical Dept Renal Diseases with Dialysis, Zvezdara Univ Medical Center, Belgrade, Serbia.

SO066
SERUM SCLEROSTIN LEVELS, ARTERIOVENOUS FISTULA CALCIFICATION AND ARTERIOVENOUS FISTULA SURVIVAL IN PREVALENT HAEMODIALYSIS PATIENTS
Alper Kirkpantur, Aysel Turkvatan, Mustafa Balci, Ismail Kirbas, Sibel Mandiroglu, Baris Afsar, Fahri Mandiroglu.
1Nephrology, Rfm Renal Tedavi Hizmetleri, Ankara, Turkey; 2Radiology, Cardiology, Yüksek Ihtisas Hastanesi, Ankara, Turkey; 3Interventional Radiology, Fatih Univ School Medicine, Ankara, Turkey; 4Physical Therapy And Rehabilitation, Ankara Fizik Tedavi Ve Rehabilitasyon Hastanesi, Ankara, Turkey; 5Nephrology, Konya Numune Hastanesi, Konya, Turkey.
Biomarkers

Chairs: Philip Kalra, Salford, UK
Francesco Paolo Schena, Bari, Italy

FREE COMMUNICATIONS

SO067
HIGH LEVELS OF COMBINED SERUM FREE LIGHT CHAINS ARE ASSOCIATED WITH POOR OUTCOMES IN CHRONIC KIDNEY DISEASE
James Ritchie,1 Anne Bevins,2,3 Lakhvir Assi,2 Richard Hoeffield,1 Paul Cockwell,3 Philip Kalra.1
1Vascular Research Group, Salford Royal NHS Foundation Trust, Salford, UK; 2The Binding Site Group Ltd, Birmingham, UK; 3Nephrology, Univ Hosp Birmingham, Birmingham, UK.

SO068
RENAL HANDLING OF MONOCLONAL FREE LIGHT CHAINS DEPENDS ON FRACTIONAL EXCRETION: STUDY ON 1039 SERUM-URINE PAIRED SAMPLES OF 187 PATIENTS
Andrea Airoldi,1 Caterina Canavese,1 Cristina Izzo,1 Elisabetta Radin,1 Marco Quaglia,1 Davide Rossi,2 Ilaria Crespi,3 Piero Stratta.1
1Dept Translational Medicine, Renal Transplant Unit, 2Div Hematology, 3Clinical chemistry Lab, Amedeo Avogadro Univ, Maggiore della Carità Hosp, Novara, Italy.

SO069
URINARY EXOSOMAL MICRORNA AS POTENTIAL BIOMARKERS OF CHRONIC KIDNEY DISEASE
Lin-Li Lv, Yu-Han Cao, Min Xu, Bi-Cheng Liu.
Southeast Univ, Inst Nephrology, Nanjing, China.

SO070
A BIOINFORMATICS ANALYSIS OF RENAL MIRNA - AND MRNA-EXPRESSION SIGNATURES IN PROGRESSIVE CHRONIC KIDNEY DISEASE
Michael Rudnicki,1 Paul Perco,2 Barbara D’Haene,3 Johannes Leierer,1 Judith Sunzenauer,1 Raul Fehete,2 Andreas Heinzel,2 Pieter Mestdagh,3 Jo Vandesompele,3 Bernd Mayer,2 Gert Mayer.1
1Dept Internal Medicine IV - Nephrology and Hypertension, Medical Univ Innsbruck, Innsbruck, Austria; 2emergentec biodevelopment GmbH, Vienna, Austria; 3Biogazelle, Zwijnaarde, Belgium.
SO071
CIRCULATING BIOMARKER PROFILE CHARACTERIZES PATIENTS WITH RETROPERITONEAL FIBROSIS AND CONCOMITANT URETER OBSTRUCTION - AN EPIDEMIOLOGICAL STUDY
Axel Kretschmer,1 Sonja Kukuk,2 Alexander-Sascha Brandt,2 Sonja Burkhardt-Soares,2 Heike Bruck,3 Stephan Roth.2
1Clinical Sciences, Bayer Pharma AG, Wuppertal, Germany; 2Urology, Helios Clinic, Univ Witten/Herdecke, Wuppertal, Germany; 3Nephrology, Univ Hosp, Essen, Germany.

SO072
INCREASED PLASMA FIBROBLAST GROWTH FACTOR 23 IS ASSOCIATED WITH AN IMPAIRED RESPONSE TO ANTIPROTEINURIC THERAPY IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Martin H De Borst,1 Jelmer K Humalda,1 Marc G Vervloet,2 Arjan J Kwakernaak,1 Piet M Ter Wee,2 Gerjan Navis.1
1Nephrology, Univ Medical Center Groningen, Groningen, Netherlands; 2Nephrology, VU Medical Center, Amsterdam, for NiGrAm, Netherlands.
POSTER SESSION
Poster Area
10:15 - 11:45

Acid-base / Cell physiology  SP001-SP007
Renal development and cystic diseases  SP008-SP017
Hypertension - human studies  SP018-SP052
AKI - experimental models  SP053-SP121
Lab methods / Biomarkers  SP122-SP199
Epidemiology - renal outcomes  SP200-SP244
CKD-MBD - A  SP245-SP259
Nutrition / Inflammation  SP260-SP279
Diabetes - clinical studies  SP280-SP306
Clinical Nephrology - IgA Nephropathy, Lupus Nephritis, Vasculitis  SP307-SP337
Experimental models of CKD  SP338-SP383
Renal histopathology  SP384-SP396
Extracorporeal dialysis: techniques and adequacy - A  SP397-SP435
Peritoneal dialysis - A  SP436-SP476
Vascular access  SP477-SP518
Anaemia in CKD 5D  SP521-SP547
Pathophysiology and clinical studies in CKD 5D  SP548-SP579
Epidemiology - CKD 5D - A  SP580-SP623
Transplantation - basic science  SP624-SP635
Transplantation - clinical studies - A  SP636-SP696
Paediatric nephrology - A  SP697-SP719
SP001
MDMA (ECSTASY) INCREASES AQUAPORIN 2 EXPRESSION AND REACTIVE OXYGEN SPECIES (ROS) IN NORMAL RATS
Ana C Bragança,1 Regina Lm Moreau,2 Antonio C Seguro,1 Maria H M Shimizu,1 Denise A De Jesus,1 Antonio J Magaldi.1
1Nephrology, Basic Research Lab-LIM12, Clinical Hosp School Medicine, São Paulo Univ, São Paulo, São Paulo, Brazil; 2Pharmacology, College Pharmaceutical Science and Toxicology, São Paulo Univ, São Paulo, São Paulo, Brazil.

SP002
ACID-BASE PROFIL IN CHRONIC DIALYSIS PATIENTS: COMPARATIVE STUDY BETWEEN HEMODIALYSIS WITH BICARBONATE AND ACETA TE FREE BIOFILTRATION AT 84%.
Anis Baffoun,1 Maissa Daiiki,1 Mohamed Ali Youssfi,2 Aicha Sayeh,1 Nissaf Idani,1 Jalel Hmida.1
1Dialysis Research Unit, 2Pharmacy Dept, Military Hosp Tunis, Tunisia, Tunisia.

SP003
HYPERKALEMIA (HK) IN CHRONIC RENAL FAILURE PATIENTS (CRF) NOT IN DIALYSIS (ND) AND IN DIALYSIS (5D): NATIONAL OBSERVATIONAL COHORT
G. Jean,1 Ph. Rieu,2 D. Joly,3 L. Frantzen,4 P. Urena,5 JL Bouchet.6
1Nephrocare, Tassin, France; 2CHU, Reims, France; 3Necker, Paris, France; 4Diaverum, Marseille, France; 5GDS, Saint-Ouen, France; 6CTMR, Bordeaux, France.

SP004
ALTERATION OF EXTRA- AND INTRA-CELLULAR CALCIUM CONCENTRATION INDUCED ENDOTHELIAL-TO-MESENCHYMAL TRANSITION VIA AN INDUCTION OF OXIDATIVE STRESS
Mi Jin Kim,1 Hack Sun Choi,1 Eun-Sun Ryu,1 Hyun-Soo Shin,1 Yea-Jin Choi,1 Duk-Hee Kang.1
1Div Nephrology, Dept Internal Medicine, Ewha Womans Univ School Medicine, Seoul, Korea.

SP005
INVESTIGATION OF THE ASSOCIATION BETWEEN BLOOD SODIUM AND CALCIUM IONS
Ömer Kurt,1 Fatih Bulucu,1 Mustafa Çağlar,1 Fatih Yeşildal,2 Hakan Şarlak.1
1Internal Medicine, 2Clinical Biochemistry, Gulhane Medical Fac, Ankara, Turkey.

SP006
ARTERIAL BLOOD pH SEEMS TO BE LESS IMPORTANT IN DETERMINING THE SERUM IONIZED CALCIUM LEVELS
Mustafa Çağlar,1 Fatih Bulucu,1 Ömer Kurt,1 Fatih Yeşildal,2 Hakan Şarlak.1
1Internal Medicine, 2Clinical Biochemistry, Gulhane Medical Fac, Ankara, Turkey.

SP007
EFFECTS OF CITRATE ON PRESSURE-NATRIURESIS IN CRF RAT KIDNEYS
Sejoong Kim,1 Jeonghwan Lee,2 Nam Ju Heo,2 Ki Young Na,1 Jin Suk Han.2
1Internal Medicine, Seoul National Univ Bundang Hosp, Seongnam, Gyeonggi-do, Korea; 2Internal Medicine, Seoul National Univ College Medicine, Seoul, Korea.
CLINICAL FACTORS PREDICTING RENAL OUTCOME IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD): RESULTS OF THE GENKYST REGISTRY
Emilie Cornec-Le Gall,1 Laetitia Treguer,2 Théophile Sawadogo,3 Seddik Benarbia,4 Yannick Le Meur,1 1CHRU, BREST, France; 2Centre Hélio-marin, ROSCOFF, France; 3CH Bretagne Sud, Lorient, France; 4AUB, Quimper, France.

THE ROLE OF RENAL FUNCTION IN PLASMA COPEPTIN LEVELS IN HEALTHY KIDNEY DONORS AND ADPKD PATIENTS
D Zittema,1 E Van Den Berg,1 E Meijer,1 W E Boertien,1 A C Muller Koboldt,2 C FM Franssen,1 P E De Jong,1 S Jl Bakker,1 G J Navis,1 R T Gansevoort.1 1Nephrology, 2Clinical Chemistry, UMC Groningen, Groningen, Netherlands.

EFFICACY AND SAFETY OF SIROLIMUS IN REDUCING CYST VOLUME IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Sreelatha Melemadathil, Manju Kamal. Nephrology, Government Medical College, Kozhikode, Calicut, Kerala, India.

SUCCESSFUL PERCUTANEOUS SCLEROTHERAPY FOR SYMPTOMATIC RENAL CYSTS
Liliana Tuta,1 Florin Botea.2 1Nephrology, 2General Surgery, Ovidius Univ, Fac Medicine, Constanta, Romania.

UMOD GENE POLYMORPHISMS AFFECT GFR DECAY IN ADPKD
Maria Teresa Sciarrone Alibrandi,1 Marina Nuzzo,1 Simona Delli Carpini,1 Lino Merlino,1 Elena Brioni,1 Laura Zagato,1 Marco Simonini,1 Rodolfo F. Rivera,2 Paolo Manunta.1 1OU Nephrology and Dialysis / Chair Nephrology, San Raffaele Scientific Inst / Univ Vita Salute San Raffaele, Milan, Italy; 2ŞÚ Nephrology, Osp San Gerardo, Monza, Italy.

SIGNIFICANCE OF URINARY ANGIOTENSINOGEN AS A BIOMARKER FOR RENAL FUNCTION IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Hayne C Park,1,2,3 Hyunsuk Kim,1 Tai Yeon Koo,2 Miyeun Han,1 Young Joo Park,1 Kook-Hwan Oh,1 Jung Woo Noh,4 II Soo Ha,5 Hae II Cheong,3,5 Young-Hwan Hwang,3,6 Curie Ahn,1,2 1Dept Internal Medicine, 2Transplantation Center, Seoul National Univ Hosp, Seoul, Korea; 3Research Coordination Center Rare Diseases, Seoul National Universi

APELIN, COPEPTIN AND AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE: TWO OPPOSITE BIOMARKERS ASSOCIATED WITH KIDNEY FUNCTION DECLINE AND CYST GROWTH
Antonio Lacquaniti, Michele Buemi, Rosaria Lupica, Silvia Lucisano, Valeria Chirico. Inter Med, Univ Messina, Messina, Italy.

CILIARY DYSFUNCTIONAL EFFECT OF AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE ON HEARING
Berke Ozucer,1 Rumeysa Kazancioğlu,2 Burak Öztürk,3 Murat Alay,2 Bayram Veyaşler,1 Orhan Özturan,1 Reha Erkoc,2 1Dept Otolaryngology, 2Dept Nephrology, 3Dept Audiology, Bezmialem Vakif Univ, Istanbul, Turkey.
POSTERS

SP016
MUTATIONS OF PKD1, PKD2 AND PKHD1 GENES IN FAMILIES WITH POLYCYSTIC KIDNEY DISEASE IN THE CZECH REP
Lena Obeidová,1 Jitka Štekrová,1 Jana Reiterová,2 Veronika Elišáková,1 Miroslav Merta,1 Milada Kohoutová,1 Vladimír Tesař.2
1Inst Biology and Medical Genetics of First Fac Medicine, Charles Univ and General Teaching Hosp, Prague, Czech Rep; 2Dept Nephrology, General Teaching Hosp First Fac Medicine, Charles Univ, Prague, Czech Rep

SP017
INCREASED FGF23 AND DECREASED ARTERIAL COMPLIANCE IN EARLY AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Bülent Gül,2 Selime Çekiç,2 Burak Asıltaş,3 Selma Doğan,4 Nimet Aktas,2 Ayşegül Oruç,2 Ibrahim Doğan,5 Alparslan Ersoy,2 Mustafa Güllülü,2 Mustafa Yurtkuran,2 Abdülmecit Yıldız.1
1Nephrology, Çekirge State Hosp, Bursa, Turkey; 2Nephrology, 3Biochemistry, 4Cardiology, Uludag Univ, Bursa, Turkey; 5Nephrology, Şevket Yılmaz Hosp, Bursa, Turkey.
HYPERTENSION - HUMAN STUDIES

SP018
PATIENT-LEVEL FACTORS ASSOCIATED WITH CEREBROVASCULAR EVENTS IN MAINTENANCE HEMODIALYSIS
Albert Power,1 Neill Duncan,1 Charles Pusey,1 Len Usyvayt,2 Daniele Marcelli,3 Cristina Marelli,4 Peter Kotanko,2 . Mondo Consortium.5
1Imperial College, London, UK; 2Renal Research Inst, New York, USA; 3Fresenius Medical Care, Bad Homburg, Germany; 4Fresenius Medical Care Latin America, Buenos Aires, Argentina; 5MONDO Consortium, New York, USA.

SP019
URINARY PODOCYTE PREDICTS EARLY PHASE OF HYPERTENSION-INDUCED GLOMERULAR INJURY
Zilong Li,1,2 Jiaojiao Wang,1 Xiaoli Yuan,1 Juan Wang,1 Lining Wang,1,2 1Dept Nephrology, First Hosp China Medical Univ, Shenyang, China; 2Inst Nephropathy, China Medical Univ, Shenyang, China.

SP020
RELATIONSHIP BETWEEN BLOOD PRESSURE VALUES, BLOOD PRESSURE VARIABILITY AND ENDOTHELIAL FUNCTIONS IN RENAL TRANSPLANT RECipients
Nihal Ozkayar,1 Bulent Altun,2 Tolga Yildirim,2 Rahmi Yilmaz,2 Fatih Dede,1,3 Murtu Hayran,3 Mustafa Arici,2 Tuncay Aki,3 Yunus Erdem,2 1Nephrology Dept, Ankara Numune Education and Research Hosp, Ankara, Turkey; 2Nephrology Dept, 3Preventive Oncology Dept, Hacettepe Univ Medical Fac, Ankara, Turkey; 4Ur

SP021
THE EFFECT OF PERCUTENOUS RENAL DENERVATION ON MUSCLE SYMPATHETIC NERVE ACTIVITY IN HYPERTENSIVE PATIENTS.
Eva E Vink,1 Laima Siddiqui,1 Wille nien L Verloop,2 Leonard J Van Schelven,3 P. Liam Oey,1 Peter J Blankestijn,1 1Nephrology, 2Cardiology, 3Medical Technology and Clinical Physics, Univ Medical Center Utrecht, Utrecht, Netherlands.

SP022
THE PREVALENCE OF MULTIPLE RENAL ARTERIES IN HYPERTENSIVE PATIENTS AND THE RELATION OF THE BLOOD PRESSURE LOWERING EFFECT OF RENAL DENERVATION.
Eva E Vink,1 Wille mien L Verloop,2 Michiel Voskuil,2 Wilko Spiering,3 Evert-Jan Vonken,4 Peter J Blankestijn,1 1Nephrology, 2Cardiology, 3Vascular Medicine, 4Radiology, Univ Medical Center Utrecht, Utrecht, Netherlands.

SP023
RENA L SYMPATHETIC DENERVATION IN PATIENTS WITH RESISTANT HYPERTENSION: 6-MONTHS RESULTS
Patricia Q Franco,1 Augusta C Gaspar,1 Henrique S Sousa,1 Ana R Martins,1 Helder Dornes,2 Pedro Gonçalves,2 Manuel Almeida,2 Miguel Mendes,2 Jose D Barata,1 1Nephrology, Santa Cruz Hosp/CHLO, Lisbon, Lisbon, Portugal; 2Cardiology, Santa Cruz Hosp, Lisbon, Lisbon, Portugal; 3Anesthesiology, Santa Cruz Hosp/CHLO, Lisbon, Lisbon, Portugal.

SP024
PERITUBULAR CAPILLARY LOSS AND RENAL FUNCTION AMONG MALIGNANT HYPERTENSION PATIENTS
Xiaoxiao Shi, Peng Xia, Yubing Wen, Lamping Jiang, Hang Li, Xuemei Li, Xue-xiang Li, Limeng Chen.
Nephrology, Chinese Academy of Medical Sciences & Peking Union Medical College Hosp, Beijing, China.

SP025
RENA L INTERSTITIAL INFLAMMATION RESULTS IN IMPAIRED PRESSURE NATRIURESIS AND SALT-SENSITIVE HYPERTENSION (SSHTN)
Yasmir J Quiroz,1 Martha Franco,2 Edilia Tapia,2 Rocio Bautista,2 Ursino Pacheco,2 Jose Santamaria,2 Richard J. Johnson,3 Bernardo Rodriguez-Iturbe.1 1Inst Venezolano Investigaciones Científicas-Zulia, Maracaibo, Venezuela; 2Inst Nacional Cardiologia I.Ch, Mexico, Mexico; 3Univ Colorado, Denver, CO, USA.
SP026
BLOOD PRESSURE IN PRE-DIALYSIS PATIENTS WITH AND WITHOUT ERYTHROPOIETIN TREATMENT
Marit M Suttorp, Tiny Hoekstra, Friedo W Dekker.
Dept Clinical Epidemiology, Leiden Univ Medical Center, Leiden, Netherlands.

SP027
CONTRIBUTING FACTORS FOR CIRCADIAN RHYTHM VARIATION OF BLOOD PRESSURE VARIATION IN ADULT IgAN PATIENTS
Lirong Lin, Weimei Zhang, Jurong Yang, Yani He.
Dept Nephrology, Daping Hosp, Third Military Medical Univ, Chongqing, China.

SP028
CIRCULATING RENALASE IS ELEVATED IN HYPERTENSIVE PATIENTS AND DEPENDS UPON THE HYPOTENSIVE THERAPY
Dominka Maciorkowska, Edyta Zbroch, Ewa Koc-Zorawska, Jacek S Malyszko, Michal C Mysliwiec, Jolanta Malyszko.
Dept Nephrology and Transplantology, Medical Univ, Bialystok, Poland.

SP029
INFLUENCE OF ARTERIAL STIFFNESS AND 24H-AMBULATORY BLOOD PRESSURE MONITORING ON RENAL LESIONS IN MORBIDLY OBSESE PATIENTS WITH MILD OBESITY-RELATED GLOMERULOPATHY
Neus Sala, Maru Navarro Díaz, Assumpta Serra, Dolores López, Jose Bonet, Ramon Romero.
Nephrology, Germans Trias i Pujol Hosp, Badalona, Barcelona, Spain.

SP030
PREHYPERTENSION AND CHRONIC KIDNEY DISEASE IN CHINA: A CROSS-SECTIONAL SURVEY
Ling Qiu,1 Yang Li,2 Limeng Chen,2 Guangjin Zhu.3
1Dept Clinical Lab, 2Dept Nephrology, Peking Union Medical College Hosp, 3Dept Pathophysiology, Inst Basic Medical Sciences, Peking Union Medical College & Chinese Academy of Medical Science, Beijing, China.

SP031
RESISTANT HYPERTENSION IN CKD PATIENTS
Adalbert Schiller,1 Flaviu Bob,1 Adrian Enache,2 Florin Jurca-Simina,2 Diana Mociar,2 Gheorghe Bozdog,2 Mircea Munteanu,1 Ligia Petrica,1 Silvia Velcioi,1 Vivek Bansal,2 Romulus Timar.1
1Univ Medicine and Pharmacy V Babes, Timisoara, Romania; 2Nephrology, County Emergency Clinical Hosp, Timisoara, Romania.

SP032
MULTIDISCIPLINARY APPROACH TO RESISTANT HYPERTENSION
Patricia Q Branco,1 Augusta C Gaspar,1 Henrique S Sousa,1 Ana R Martins,1 Pedro A Gonçalves,2 Helder Dores,2 Angela Mendes,3 Miguel Mendes,2 Jose D Barata.1
1Nephrology, 2Cardiology, 3Anestesiology, Santa Cruz Hosp/CHLO, Lisbon, Portugal.

SP033
ASSOCIATION BETWEEN RENAL FUNCTION AND CARDIOVASCULAR RISK SCORES. CLOSER CORRELATION BETWEEN CARDIOVASCULAR RISK AND CKD-EPI, THAN MDRD FORMULA. PROSPECTIVE OBSERVATIONAL STUDY.
Carmen Calderón, Francisco Javier Lavilla, Jose María Mora, Diana Lopez, Nuria Garcia-Fernandez, Paloma Leticia Martín, Pedro Errasti.
Nephrology Dept, Clinica Univ Navarra, Pamplona, Navarra, Spain.

SP034
HIGH RENAL INDEX VALUES – RELIABLE PREDICTOR FOR HYERTENSION NEPHROANGIOSCLEROSIS AND EARLY CARDIAC INVOLVEMENT IN HEALTHY INDIVIDUALS?
Cristiana David,1,2 Alexandru Ciocalteu,1,2 Andrei Niculae,1,2 Alexandru-Ionel Checherita.1,2
1Nephrology and Dialysis, Carol Davila Univ Medicine and Pharmacy, Bucharest, Romania; 2Nephrology and Dialysis, St. John Emergency Clinical Hosp, Bucharest, Romania.
SP035 SYSTOLIC BLOOD PRESSURE LEVEL BEFORE SLEEPING IS A USEFUL MARKER FOR THE RENAL AND CARDIOVASCULAR RISK IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Takamori Otowa, Takashi Yasuda, Keita Uehara, Hiroo Kawarazaki, Yugo Shibagaki, Kenjiro Kimura.
Div Nephrology and Hypertension, Dept Internal Medicine, St. Marianna Univ School Medicine, Kawasaki, Japan.

SP036 SIGNIFICANCE OF ESTIMATED SALT EXCRETION AS A PREDICTOR FOR ARB/THIAZIDE COMBINATION AND CORRELATION OF GLOMERULAR FILTRATION WITH ANTI-POTASSIUM EFFECT.
Hajime Hasegawa,1 Koichi Kanowaza,1 Juko Asakura,1 Kaori Takayanagi,1,2 Yusuke Tayama,1 Shinpei Okazaki,1 Hiroaki Hara,1 Tota Kiba,1 Tomoyuki Mitani,1 Mizuki Iwanaga,1 Tomonari Ogawa,1 Akihiko Matsuda,1 Tetsuya Mitarai,1
1Nephrol & Hypertens, Saitama Med Center, Saitama Med Univ, Kawagoe, Japan; 2Kawagoe Ekimae Clinic, Kawagoe, Japan.

SP037 LOCAL RENIN ANGIOTENSIN SYSTEM ACTIVATION IN PREECLAMPSIA
Zehra Yilmaz,1 Tolga Yildirim,2 Rahmi Yilmaz,2 Aysun Aybal-Kutlugun,2 Bulent Altun,2 Tuncay Kucukozkan,1 Yunus Erdem,2
1Obstetrics and Gynecology Dept, Dr. Sami Ulus Women’s Health Teaching and Research Hosp, Ankara, Turkey; 2Nephrology Dept, Hacettepe Univ Medical Fac, Ankara, Turkey.

SP038 RELATIONSHIP BETWEEN SYSTOLIC BLOOD PRESSURE AND FLUID STATUS IN HEALTHY SUBJECTS
Samer R Abbss,1,2 Fansan Zhu,1 Cesar Flores-Gama,1 Caroline Williams,1 Manuel A Podesta,1 Cassandra Cartagena,1 Mary Carter,1 Nathan W Levin,1 Peter Kotanko,1
1Nephrology, Renal Research Inst, New York, NY, USA; 2Nephrology, Beth Israel Medical Center, New York, NY, USA.

SP039 A NOVEL PROGNOSTIC MODEL FOR PREECLAMPSIA
Biljana Gerasimovska Kitanovska, Stevka Bogdanovska, Galina Severova Andreevska, Vesna Gerasimovska, Aleksandar Sikole, Katica Zafirovskoa.
Nephrology, Univ Clinical Centre, Skopje, F.Y.R. of Macedonia.

SP040 TAKAYASU ARTERITIS COMPLICATING PREGNANCY
Karima Boubaker,2 Adel Kheder,1 Hayet Kaaroud,1
1Internal Medecine A, Charles Nicolle Hosp, Tunis, Tunisia, Tunisia; 2Charles Nicole Hosp, Tunis, Tunisia.

SP041 ASSOCIATION OF DIETARY POTASSIUM INTAKE WITH SUBCLINICAL CORONARY ARTERY DISEASE IN KOREAN ADULTS
Seung Min Lee, Hye Eun Park, Minkyung Kim, Nam Ju Heo, Su-Yeon Choi, Kwon Wook Joo, Jin Suk Han.
Internal Medicine, Seoul National Univ Hosp, Seoul, Korea.

SP042 WORLD KIDNEY DAY (WKD): FOUR YEAR ANALYSIS OF HEALTH EVENTS IN UK
Sohan Shah,1 Bhavna Pandya,1,2
1Univ Liverpool, Liverpool, UK; 2Nephrology, Aintree Univ Hosp, Liverpool, UK.

SP043 BLOOD PRESSURE CONTROL AND RESISTANT HYPERTENSION IN DIABETES MELLITUS AND CKD ASSOCIATED DIABETES PATIENTS
Adalbert Schiller,1 Mircea Munteanu,1 Adrian Enache,2 Flaviu Bob,2 Florin Jurca-Simina,2 Diana Mociar,2 Romulus Timar,1
1Univ Medicine and Pharmacy V Babes, Timisoara, Romania; 2County Emergency Clinical Hosp, Timisoara, Romania.
SP044
RENAL FUNCTION IN PREHYPERTENSION
Sandra Karanovic,1 Margareta Fistrek Prlic,1 Jelena Kos,1 Vedran Premuzic,1 Mirta Abramovic Baric,2 Vesna Matijevic,3 Mirjana Fucek,4 Ana Vrdoljak,1 Ante Crtitkovic,5 Ninoslav Leko,6 Milan Bitunjac,6 Mario Laganovic,1 Bojan Jelakovic.1
1School Medicine Univ Zagreb, Dept Nephrolgy, Hypertension and Dialysis, UHC Zagreb, Zagreb, Croatia; 2Outpatient Clinic Bebrina, Bebrina, Croatia; 3Outpatient Clinic Slavonski Kobas, Slavonski Kobas, Croatia; 4School Medicine Univ Zagreb, Lab Clinical Diagnosis, UHC Zagreb, Zagreb, Croatia; 5Inst Public Health Brodsko-Posavska County, Slavonski Brod, Croatia; 6General Hospital Dr Josip Bencevic, Slavonski Brod, Croatia.

SP045
MOLECULAR EFFECTS OF RENIN-ANGIOTENSIN-SYSTEM BLOCKADE IN HEMODIALYSIS PATIENTS
Marlies Antlanger,1 Johannes J Kovarik,1 Oliver Domenig,1 Christopher Kaltenegger,1 Manfred Hecking,1 Johann Weszowa,1 Chantal Kopecky,1 Harald Heinzl,3 Marke Poglitsch,2 Marcus D Säemann.1
1Dept Internal Medicine - Div Nephrology and Dialysis, Medical Univ Vienna, Vienna, Austria; 2Attoquant Diagnostics, Vienna, Austria; 3Inst Clinical Biometry, Medical Univ Vienna, Vienna, Austria.

SP046
INFLUENCE OF “ENERGY DRINKS” ON THE BLOOD PRESSURE IN APPARENTLY HEALTHY YOUNG ADULTS
Magdalena Bartmanska, Katarzyna Wyskida, Michal Bajka, Maciej Tarski, Marcin Adamczak, Andrzej Wiecek, Magdalena Sztotowska.
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SP047
DIFFERENCES IN RENAL FUNCTION IN MALE AND FEMALE PREHYPERTENSIVES
Margareta Fistrek Prlic,1 Sandra Karanovic,1 Ivan Pecin,1 Mario Laganovic,1 Premuzic Vedran,1 Ana Vrdoljak,1 Mirjana Fucek,2 Ante Crtitkovic,3 Milan Bitunjac,4 Mirta Abramovic Baric,5 Vesna Matijevic,6 Bojan Jelakovic.1
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SP048
SALT SENSITIVITY AND URIC ACID IN NORMOTENSIVE PEOPLE
Fernando Margulis, Veronica Golglid, Claudia Castro, Silvia Ramallo, Miriam Martinez, Ruben Schiavelli.
Unidad Nefrologia y Trasplante Renal, Hosp General de Agudos Dr. Cosme Argerich, Buenos Aires, Argentina.

SP049
FEATURES OF ENDOTHELIAL DYSFUNCTION IN CHRONIC RENOCARDIAL SYNDROME
Nadiia Demikhova, Olga Prikhodko.
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SP050
CAN THE AMBULATORY BLOOD PRESSURE MONITORING IN TREATED HYPERTENSIVE PATIENTS MODIFY THE CLASSIFICATION OF THE REGICOR TABLE?
Lourdes Carolina Vazquez Jimenez, Ioana Elena Bancu, Maria Isabel Tuya Saborido, Josep Bonet Sol.
Nephrology, Germans Trias i Pujol Unive Hosp, Badalona, Barcelona, Spain.
SP051
HYPERTENSION IN CHILDREN WITH CHRONIC KIDNEY DISEASE STAGE 2
Mehmet Tasdemir, Nur Canpolat, Salim Caliskan, Gulseren Pehlivan, Lale Sever.
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SP052
INFLUENCE OF BLOOD PRESSURE AT INITIATION OF HAEMODIALYSIS ON LONG-TERM OUTCOME
Koichi Sasaki,1 Tomonori Kimura,2 Shinsuke Sakai,1 Eriko Iwahashi,1 Taku Fujimoto,1 Satoshi Minami,1 Tatsuhumi Oka,1 Kenji Yokoyama,1
1Internal Medicine, Osaka Kosei Nenkin Hosp, Osaka, Osaka, Japan; 2Geriatric and Nephrology, Osaka Univ Grad School Medicine, Osaka, Osaka, Japan.
AKI - EXPERIMENTAL MODELS

**SP053**
Cysteine-rich protein 61 mediates kidney fibrosis after ischemia-reperfusion injury
Chun-Fu Lai,1,2 Shuei-Liong Lin,1,3 Wen-Chih Chiang,1 Yung-Ming Chen,1 Min-Liang Kuo,4 Tun-Jun Tsai,1
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**SP054**
Pretreatment with rituximab prevents subsequent ischemia-reperfusion injury in mice kidney
Hyeon Seok Hwang,1 Yoo A Choi,1 Ki Cheol Park,3 Keum Jin Yang,3 Hyun Soo Choi,3 So Hee Kim,3 So Jeong Lee,1 Yoon Kyung Chang,1 Suk Young Kim,1 Chul Woo Yang,2
1 Catholic Univ Korea, Seoul, Korea, Div Nephrology, Dept Internal Medicine, Daejeon, Korea; 2 Catholic Univ Korea, Seoul, Korea, Div Nephrology, Dept Internal Medicine, Seoul, Republic

**SP055**
The study on the protective effect and mechanism of neutrophil gelatinase-associated lipocalin (NGAL) to the rats ischemia/reperfusion renal injury
Zang Xiujuan.
Dept Nephrology, Songjiang Central Hosp Affiliated to Shanghai Jiaotong Univ School Medicine, Shanghai, China.

**SP056**
The role of cysteiny1 leukotriene-1 (CysLT1) in renal ischemia-reperfusion injury
Rikio Yoshimura,1 Masahide Matsuyama,1 Jamel Chargui,2 Jean-Louis Touarine,2 Norio Yoshimura,3
1 Dept Urology, Osaka General Hosp West Japan Railway Company, Osaka, Japan; 2 Dept Transplantation and Clinical Immunology, Claude Bernard Univ Lyon and Lyon Hosps, Lyon, France; 3 Dept Transplantation and Regenerative Surgery, Grad School Medical Science, Kyoto Prefectural Univ Medicine, Kyoto, Japan.

**SP057**
Coupled plasma filtration and adsorption in the correction of the syndrome of ischemia / reperfusion injury
Alexey B. Zulkarnaev, Irina A. Vasilenko, Dmitriy V. Artemov, Andrey V. Vatazin.
Surgical Dept Transplantation and Dialysis, M.F Vladimirsky Moscow Regional Research Clinical Inst, Moscow, Russian Federation.

**SP058**
Male gender is more prone to renal ischemia-reperfusion injury by enhanced inflammatory responses.
Sung Kwang Park, Kyung Pyo Kang, Sik Lee, Won Kim.
Dept Internal Medicine, Research Inst Clinical Medicine and Diabetes Research Center, Chonbuk National Univ Medical School, Jeonju, Korea.

**SP059**
Lack of extracellular (EC) superoxid-dismutase SOD is detrimental in ischemic acute kidney injury – an ecSOD-deficient mouse-model
Reinhard Schneider,1 Boris Betz,1 Kerstin Müller-Ehrlich,3 Christoph Wanner,1 Christoph Sauvant,2
1 Dept Nephrology, Univ Hosp Würzburg, Würzburg, Germany; 2 Dept Anesthesia, Univ Hosp Halle (Saale), Halle, Germany; 3 Center of Experimental Molecular Medicine, Univ Würzburg, Würzburg, Germany.
POSTERS

SP060
PRETREATMENT WITH PARICALCITOL ATTENUATES INFLAMMATION IN ISCHEMIA-REPERFUSION INJURY VIA UPR egULATION OF CYCLOOXYGENASE-2 AND PROSTAGLANDIN E2
Keum Jin Yang, 2 Ki Cheol Park, 2 Hyun Soo Choi, 2 So Hee Kim, 2 Yoo A Choi, 1 Yoon Kyung Chang, 1 Cheol Whee Park, 3 Suk Young Kim, 1 Sang Ju Lee, 1 Chul Woo Yang, 3 Hyeon Seok Hwang, 1
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SP061
PHOSPHODIESTERASE-5 INHIBITION ATTENUATES EARLY RENAL ISCHEMIA-REPERFUSION-INDUCED ACUTE KIDNEY INJURY: ASSESSMENT BY QUANTITATIVE MEASUREMENT OF URINARY NGAL AND KIM-1
Rima Sohotnik, 1 Omri Nativ, 5 Abeer Abbasi, 5 Hoda Awad, 2 Victor Frajewicki, 1 Zaher Armaly, 4 Samuel N. Heyman, 6 Ofer Nativ, 5 Victor Frajewicki, 1 Zaher Armaly, 4 Samuel N. Heyman, 6 Ofer Nativ, 5 Zaid Abassi. 2, 3
1Nephrology, Carmel Medical Center, Haifa, Israel; 2Physiology, Fac Medicine-Technion, IIT, Haifa, Israel; 3Research Unit, Rambam Health Campus, Haifa, Israel; 4Nephrology, EMMS Nazareth -Nazareth Hosp, Nazareth, Israel, 5Urology, Bnai Zion Hosp, Haifa, Israel; 6Medicine, Hadassah Hebrew Univ Hosp, Mt. Scopus, Jerusalem, Israel.

SP062
C/EBP HOMOLOGOUS PROTEIN (CHOP) DEFICIENCY ATTENUATES ISCHEMIA REPERFUSION-INDUCED ACUTE KIDNEY INJURY: ROLES OF REACTIVE OXYGEN SPECIES
Ping Yu Chen, 1 Bo Lin Chen, 2 Ching Chin Yang, 2 Chih Kang Chiang, 1, 2, 3 Shing Hwa Liu, 2
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SP063
PANCREATIC INJURY INDUCED BY RENAL ISCHEMIA-REPERFUSION (I/R) INJURY POSSIBLE ROLE OF OXIDATIVE STRESS
Amany E Abozahra, Aya A Abd-Elkhambir.
Mansoura Fac Medicine, Mansoura, Dkaflia, Egypt.

SP064
IMPACT OF COMBINATION OF ISCHEMIC PRECONDITIONING AND SULPHORAPHANE ON IN RENAL ISCHEMIA/REPERFUSION INJURY: ROLE OF NUCLEAR FACTOR -2 ERYTHROID RELATED FACTOR 2 (Nrf2) GENE AND ITS DEPENDENT GENES, INFLAMMATORY CYTOKINES, AND APOPTOSIS
Ahmed Shokeir, 1 Abdelaziz Hussein, 2 Amira Awadalla, 1 Nashwa Barakat, 1 Azza Abdelaziz, 3
1Mansoura Urology and Nephrology Center, Mansoura, Egypt; 2Medical Physiology, 3Pathology, Mansoura Fac Medicine, Mansoura, Egypt.

SP065
CCAAT/ENHANCER-BINDING PROTEIN DELTA (CEBP Delta) IS A NOVEL HYPOXIA-INDUCIBLE FACTOR 1 (HIF-1) REGULATOR IN KIDNEY, WHICH REGULATES ITS PATHOGENESIS IN HYPOXIC AND/ OR INFLAMMATORY KIDNEY INJURY
Junna Yamaguchi, 1 Tetsuhiro Tanaka, Nobuomi Nangaku.
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SP066
EFFECT OF CARDIOTROPHIN-1 ON THE ACUTE KIDNEY INJURY INDUCED BY GENTAMICIN
Yaremi Quirós, 1 Francisco J. Lopez-Hernandez, 2, 3, 4 Maria P. Perez De Obaños, 5 Juan Ruiz, 5 Jose M Lopez-Novoa, 2, 3
1I+D, Bio-inRen S.L., Salamanca, Spain; 2Dept Physiology and Pharmacology, Univ Salamanca, Salamanca, Spain; 3Cardiovascular, Biomedical Research Inst Salamanca (IBSAL), Salamanca, Spain; 4Hosp Univ Salamanca, Inst Estudios Ciencias Salud Castilla y León (IESCYL), Salamanca, Spain; 5Digna Bio-tech S.L., Madrid, Spain.
POSTERS

SP067
EFFECTS OF KOREAN RED GINSENG ON GENTAMICIN-INDUCED ACUTE KIDNEY INJURY
Hyun-Soo Shin, Mi-Jin Kim, Yea-Jin Choi, Eun-Sun Ryu, Hak-Sun Choi, Duk-Hee Kang.
Dept Internal Medicine, Ewha Womans Univ School Medicine, Seoul, Korea.

SP068
MITOCHONDRIA-TARGETED APPROACHES TO PREVENT GENTAMICIN TOXICITY
Stansilovas S Jankauskas,1,2 Irina B Pevzner,2 Ljubava D Zorova,3 Valentina A Babenko,2 Maria A Morosanova,1,2 Egor Y Plotnikov,2,4 Dmitry B Zorov,2,4
1Fac Bioengineering and Bioinformatics, Lomonosov State Moscow Univ, Moscow, Russian Federation; 2Research Inst Mitoengineering, Moscow, Russian Federation; 3International Laser Center, Lomonosov State Moscow Univ, Moscow, Russian Federation; 4Lab Structure and Function of Mitochondria, Belozersky Inst Physico-Chemical Biology, Moscow, Russian Federation.

SP069
SOLUBLE HEMOJUVELIN, AN EARLY BIOMARKER PROMOTES IRON DEPOSITION DURING ACUTE KIDNEY INJURY
Chiung-Ying Huang,1 Tao-Min Huang,2 Vin-Cent Wu,1 Guang-Huay Young.3
1Dept Internal Medicine, National Taiwan Univ Hosp, Taipei, Taiwan, Taipei, Taiwan Rep China; 2Dept Internal Medicine, Yun-Lin Branch, National Taiwan Univ Hosp, Douliou City, Taiwan Rep China; 3Dept Biochemical Science and Technology, National Taiwan Univ, Taipei, Taiwan, Taiwan Rep China.

SP070
THE ROLE OF MYOGLOBIN PROTEOLYSIS IN AKI UNDER RHABDOMYOLYSIS
Egor Y Plotnikov,1 Irina B Pevzner,2 Ljubava D Zorova,3 Anastasia A Chupyrkina,1 Savva D Zorov,2 Dmitry B Zorov,1
1Bioenergetics, Belozersky Inst Physico-Chemical Biology, 2Fac Bioengineering and Bioinformatics, 3International Laser Center, Lomonosov Moscow State Univ, Moscow, Russian Federation.

SP071
CHRONIC RENAL DAMAGE IS EXACERBATED IN THE CONTRALATERAL KIDNEY OF DB/DB MICE SUBJECTED TO 2K1C HYPERTENSION
Joseph P Grande,1 Stella P Hartono,2 Bruce E Knudsen.1
1Lab Medicine & Pathology, 2Mayo Medical School, Mayo Clinic, Rochester, MN, USA.

SP072
INHIBITION OF COX-1 ATTENUATES LIPOPOLYSACCHARIDE-INDUCED DECREASE IN GFR IN MICE
Katharina Mederle, Hayo Castrop, Klaus Höcherl.
Inst Physiology, Univ Regensburg, Regensburg, Germany.

SP073
PATHOPHYSIOLOGICAL IMPLICATION OF A HIGH G1-TO-G0-PHASE CELL RATIO IN THE DEVELOPMENT OF PROLIFERATION OF PROXIMAL TUBULE CELLS
 Takamasa Iwakura, Tomoyuki Fujikura, Naro Ohashi, Hideo Yasuda, Yoshhide Fujigaki.
First Dept Medicine, Hamamatsu Univ School Medicine, Hamamatsu, Japan.

SP074
L-LYSINE AMELIORATES VASCULAR CALCIFICATION IN ADENINE-INDUCED UREMIC RATS
Isao Matsui,1 Takayuki Hamano,2 Kazunori Inoue,1 Yoshitsugu Obi,1 Chi-kako Nakano,1 Yasuo Kusunoki,1 Yoshiharu Tsubakihara,2 Hiromi Rakugi,1 Yoshitaka Isaka,1 Akihito Shimomura.1
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SP075
CARDIAC MORPHOLOGY AND FUNCTION IN RATS WITH ADENINE-INDUCED CHRONIC RENAL FAILURE.
Cecilia Wallentin Guron,1 Lisa Nguy,1,2 Jaana Lundgren,1 Elisabeth Grimberg,1 Pavlos Kashioulis,1 Gregor Guron.1
1Dept Molecular and Clinical Medicine, Inst Medicine, Gothenburg Univ, Gothenburg, Sweden; 2Dept Physiology, Inst Neuroscience and Physiology, Gothenburg Univ, Gothenburg, Sweden.

SP076
TWO WEEKS OF HIGH NACl DIET IMPAIRS DYNAMIC RENAL BLOOD FLOW AUTOREGULATION AND AGGRAVATES CARDIAC INJURY IN RATS WITH ADENINE-INDUCED CHRONIC RENAL FAILURE.
Gregor Guron,1 Gerald F. Dibona,3,4 Lisa Nguy,1,4 Elisabeth Grimberg,1 Jaana Lundgren,1 Minne Nedergaard Mikkelsen,2 Niels Marcussen,2 Aso Saeed.1
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SP077
PHOSPHATE LOADING EVOKES TRANSCRIPTIONAL CHANGES DISTINCT FROM RENAL FAILURE IN TWO HYPERPHOSPHATEMIC MOUSE MODELS

SP078
FC RECEPTOR GAMMA DEFICIENCY PLAYS AN IMPORTANT ROLE IN THE DEVELOPMENT OF LIPOPROTEIN GLomerulopathy VIA A DISORDER IN THE ELIMINATION OF ABNORMAL LIPIDS.
Kenji Ito, Hitoshi Nakashima, Maho Watanabe, Yasuhiro Abe, Satoru Ogahara, Takao Saito. Div Nephrology and Rheumatology, Dept Internal Medicine, Fukuoka Univ, Fukuoka, Japan.

SP079
RESVERATROL INHIBITS THE INTRACELLULAR CALCIUM INCREASE AND RAS/ENDOTHELIN SYSTEMS ACTIVATION INDUCED BY SOLUBLE URIC ACID IN MESANGIAL CELLS
Guilherme Ambrozio Albertoni, Fernanda Teixeira Borges, Nestor Schor. Federal Univ Sao Paulo, Sao Paulo, SP, Brazil.

SP080
CARDIOVASCULAR SYSTEM IN RATS WITH EXPERIMENTAL RENAL FAILURE, LONG KEPT ON LOW-PROTEIN DIET (LPD) SUPPLEMENTED WITH ESSENTIAL AMINO ACIDS AND KETOANALOGUES
Olga N Beresneva,1 Martina M Parastayeva,1 Anatoly G Kucher,1 Galina T Ivanova,2 Nina Shved,1 Margarita G Rybakova,1 Ivan G Kayukov,1 Alexey V Smirnov.1
1St.-Petersburg State Pavlov Medical Univ, St.-Petersburg, Russian Federation; 2Pavlov Inst Physiology, St.-Petersburg, Russian Federation.

SP081
PIRFENIDONE INHIBITS MACROPHAGE INFILTRATION IN 5/6 NEPHRECTOMIZED RATS
Jun-Feng Chen, Hai-Feng Ni, Ming-Ming Pan, Hong Liu, Min Xu, Ming-Hui Zhang, Bi-Cheng Liu. Southeast Univ School Medicine, Inst Nephrology, Nanjing, Jiangsu, China.
SP082
ANGIOTENSIN III INCREASES MONOCYTE CHEMOTACTANT PROTEIN-1 EXPRESSION IN CULTURED HUMAN PROXIMAL TUBULAR EPITHELIAL CELLS.
Youngsoo Kim,2 Bum Soon Choi,3 Yong Seo Kim,3 Jeong Sun Han.3
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SP083
THE PROTECT EFFECT OF EXOSOMES (EXOs) DERIVED FROM BONE MARROW MESENCHYMAL STEM CELLS (BMSCs) IN RATS TREATED WITH LIPOPOLYSACCHARIDE (LPS).
Luciana Aparecida Reis,1 Joélma Santina Christo,1 Manuel De Jesus Simoes,2 Nestor Schor.1
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SP084
CALCIUM-OXALATE CRYSTALS ACTIVATE RENAL CELLS TO SECRETE TNF WHICH DRIVES RENAL INFLAMMATION AND ACUTE KIDNEY INJURY
Klinische Biochemie, Medizinische Klinik und Poliklinik IV, Munich, Germany.

SP085
MITOCHONDRIA AS A TARGET TO TREAT KIDNEY PATHOLOGIES AND PREVENT ORGANISM DEATH
Dmitry B Zorov,1,4 Egor Y Plotnikov,1,4 Denis N Silachev,1,4 Stanislavos S Jankauskas,2,4 Irina B Pevzner,2,4 Ljubava D Zorova,3,4 Savva D Zorov,2,4 Maria A Morosanova.2,4
1Belozersky Inst, 2Fac Bioengineering and Bioinformatics, 3International Laser Center, 4Inst Mitoengineering, Moscow State Univ, Moscow, Russian Federation.

SP086
LCN-2 OVER-EXPRESSING BONE MARROW-DERIVED MACROPHAGES PROMOTE RENAL REGENERATION
Anna Sola,1 Michaela Jung,2 Marina Ventayol,1 Chrysoula Mastora,3 Silvia Buenestado,1 Georgina Hotter.3
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SP087
A NEW OLIGopeptIDE DERIVED FROM HUMAN CHORIONIC GONA-DOTROPIN (hCG) ALLOWS TREATMENT OF EXPERIMENTAL HYPOXIA INDUCED ACUTE KIDNEY INJURY (AKI)
Song Rong,1 Nelli Shushakova,1 Gert Wensvoort,2 Hermann Haller,1 Faikah Gueler.1
1Nephrology, Hannover Medical School, Hannover, Germany; 2Exponential Biotherapies, Amsterdam, Netherlands.

SP088
THE EFFECTS OF CORDYCEPS SINENSIS ON RENAL FIBROSIS IN 5/6 SUBTOTAL NEPHRECTOMY RATS AND ITS POSSIBLE MECHANISMS
Ming-Ming Pan, Ming-Hui Zhang, Hai-Feng Ni, Jun-Feng Chen, Min Xu, Bi-Cheng Liu.
Southeast Univ, Inst Nephrology, Nanjing, Jiangsu, China.

SP089
ERYTHROPOIETIN DELIVERED FOR PROTECTION FROM ACUTE KIDNEY INJURY MAY HAVE SECONDARY BENEFITS IN PROTECTING HEART
Christudas Morais,1,2 David A Vesey,1,2,3 David W Johnson,1,2,3 Glenda C Gobe.1,2
1School Medicine, Univ Queensland, Brisbane, QLD, Australia; 2Centre Kidney Disease Research, Translational Research Inst, Brisbane, QLD, Australia; 3Nephrology, Princess Alexandra Hosp, Brisbane, QLD, Australia.
SP090
URINARY NEUTROPHIL GELATINASE ASSOCIATED LIPOCALIN (uNGAL) IS THE MOST SENSITIVE BIOMARKER OF ACUTE KIDNEY INJURY
Maria Godó, Tamás Kaucsár, Csaba Révész, Peter Hamar.
Dept Pathophysiology, Semmelweis Univ, Budapest, Hungary.

SP091
RAT KIDNEY PAPILLA STEM CELLS ISOLATION AND ITS PROTECTIVE EFFECTS ON THE INJURED HUMAN KIDNEY TUBULAR EPITHELIAL CELLS
Qingli Cheng, Jing Wen, Qiang Ma, Jiahui Zhao.
Geriatric Nephrology, Chinese PLA General Hosp, Beijing, China.

SP092
CPFA (COUPLED PLASMA FILTRATION ADSORPTION) PREVENTS RENAL DAMAGE BY INHIBITION OF TUBULAR APOPTOSIS AND ENDOTHELIAL DYSFUNCTION IN A SWINE MODEL OF SEPSIS-INDUCED ACUTE KIDNEY INJURY (AKI)
1Dept Emergency and Organ Transplantation, Univ Bari, Bari, Italy; 2Dept Medical and Surgical Sciences, Univ Foggia, Foggia, Italy; 3C.A.R.S.O. Consortium, Univ Bari, Valenzano-Bari, Italy; 4Renal Failure Unit, Dept Clinical and Experimental Medicine, Univ Parma, Parma, Italy.

SP093
ASTRAGALOSIDE-IV ATTENUATES GLYCATED ALBUMIN-INDUCED EPITHELIAL-MESENCHYAL TRANSITION VIA INHIBITING OXIDATIVE STRESS IN PROXIMAL TUBULAR CELLS
Qi W Wei, Q Jing, Niu J Ying, Qiao Zh Dong, Gu Yong.
1Dept Nephrology, Shanghai Fifth People’s Hosp, Fudan Univ, Shanghai, China; 2School Life Science and Biotechnology, Shanghai Jiaotong Univ, Shanghai, China; 3Dept Nephrology, Huashan Hosp, Fudan Univ, Shanghai, China.

SP094
GLOBOTRIAOSYLCERAMIDE (GB3)-INDUCED ENDOTHELIAL-TO-MESenchymal TRANSITION (ENDO-MT) AS A NOVEL MECHANISM OF RENAL DAMAGE IN FABRY DISEASE
Dept Internal Medicine, Ewha Womans Univ School Medicine, Seoul, Korea.

SP095
INFLAMMATORY PRECONDITIONING OF MULTIPOTENT STROMAL CELLS IMPROVES THEIR IMMUNOMODULATORY POTENCY UNDER ACUTE PYELONEPHRITIS IN RATS
1Fac Bioengineering and Bioinformatics, 2A.N. Belozersky Inst Physico-Chemical Biology, 3International Laser Center, Moscow State Univ, Moscow, Russian Federation; 4Research Center Obstetrics, Gynecology and Perinatology, Moscow, Russian Federation.

SP096
COLCHICINE AMELIORATES RENAL APOPTOSIS IN UNILATERAL OBSTRUCTIVE UROPATHY
Sejoong Kim, Jeonghwan Lee, Nam Ju Nam, Ki Young Na, Jin Suk Han.
1Internal Medicine, Seoul National Univ Bundang Hosp, Seongnam, Korea; 2Internal Medicine, Seoul National Univ College Medicine, Seoul, Korea.

SP097
ACTIVATION OF RENAL PI3K/Akt/mTOR SIGNALING PATHWAY IN OBSTRUCTIVE UROPATHY IN RATS
Seong Kwon Ma, Soo Yeon Joo, Chang Seong Kim, Joon Seok Choi, Eun Hui Bae, Jongun Lee, Soo Wan Kim.
1Internal Medicine, 2Physiology, Chonnam National Univ Medical School, Gwangju, Korea.
SP098
UROTENSIN AND RELAXIN: OPPOSITE ACTIONS AND POTENTIAL THERAPEUTIC APPLICATIONS IN RENAL FIBROSIS
Valeria Cernaro,1 Maria Antonietta Medici,2 Valentina Donato,1 Domenico Trimболi,1 Giuseppina Lorenzano,1 Domenico Santoro,1 Gaetano Montalto,1 Michele Buemi.1
Chair Nephrology, Dept Internal Medicine, Univ Messina, Messina, Italy; 2Dept Life Sciences Marcello Malpighi, Univ Messina, Messina, Italy.

SP099
CELL THERAPY WITH MESENCHYMAL STEM CELLS (MSCs) IN RENAL DAMAGE INDUCED BY IONIZING RADIATION (IR) IN AN ANIMAL MODEL.
Vitória M. Longo,1 Helena R. C. Segreto,2 Waldemar Almeida,1 Nestor Schor.1
1Nephrology Div, 2Radiotherapy Dept, Federal Univ São Paulo (UNIFESP), São Paulo, SP, Brazil.

SP100
EFFECT OF VITAMIN D3 OVERDOSE AND CALCIUM SUPPLEMENTATION IN EXPERIMENTAL RAT NEPHROLITHIASIS MODEL
Maria Fatima Ramos, Luciane Gomes, Clara Razvickas, Nestor Schor. Federal Univ Sao Paulo, Sao Paulo, Brazil.

SP101
CONTRAST FREE MAGNETIC RESONANCE IMAGING (MRI) FOR EARLY DETECTION OF HYPOXIA INDUCED ACUTE KIDNEY INJURY (AKI)
Faikah Gueler,1 Song Rong,1 Marcel Gutberlet,2 Martin Meier,3 Michael Mengel,4 Detlef Wacker,2 Hermann Haller,1 Katja Hueper.2
1Nephrology, 2Radiology, 3Central Animal Facility, Medical School Hannover, Hannover, Germany; 4Alberta Transplant Applied Genomics Centre, Univ Alberta, Edmonton, Canada.

SP102
PROTECTIVE EFFECT OF SILDENAFIL ON EXPERIMENTAL CONTRAST-INDUCED NEPHROPATHY MODEL
Atilla Uzum,1 Rifki Ersoy,1 Fulya Cakalagaoglu,2 Meral Karaman,3 Efsun Kolatan,3 Osman Sahin,1 Osman Yilmaz,3 Mustafa Cirit.1
1Nephrology, 2Pathology, Katip Celebi Univ Ataturk Training and Research Hosp, Izmir, Turkey; 3Lab Animals, Dokuz Eylul Univ Medical School, Izmir, Turkey.

SP103
PROTECTIVE EFFECT OF ADRENOMEDULLIN ON CONTRAST INDUCED NEPHROPATHY IN RATS
Salih Inal,1 Eyüp Koc,2 Gülay U Okyay,1 Özge T Paşaoğlu,3 Ipek I Gönil,4 Eser Öz Oyar,5 Hatice Paşaoğlu,3 Galip Güz.1
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SP104
EFFECT OF A RECOMBINANT MANGANESE SUPEROXIDE DISMUTASE ON PREVENTION OF CONTRAST-INDUCED ACUTE KIDNEY INJURY
Massimo Sabbatini,1 Roberta Rossano,1 Michele Andreucci,2 Antonio Pisani,1 Eleonora Riccio.1
1Nephrology, Federico II Univ, Naples, Italy; 2Nephrology, Magna Grecia Univ, Catanzaro, Italy.

SP105
PRESERVATION OF HYPOXIA-INDUCIBLE FACTOR-1 INDUCED BY ERK PHOSPHORYLATION IS INVOLVED IN HYPOTHERMIC PROTECTION OF RENAL ISCHEMIA-REPERFUSION INJURY
Dae Eun Choi,1 Jin Young Jeong,1 Seong Suk Kim,3 Yoon Kyung Chang,2 Ki-Ryang Na,1 Kang Wook Lee,1 Young Tai Shin.1
1Renal Div, Dept Internal Medicine, Chungnam National Univ Hosp, Daejeon, Korea; 2Dept Internal Medicine, Daejeon Saint Mary Hosp, Catholic Univ, Daejeon, Korea; 3Dept Internal Medicine, Daejeon Sun Hospital, Daejeon, Korea.
POSTERS

SP106
EFFECTS OF MESENCHYMAL STEM CELLS (MSCs) OR THEIR CONDITIONED MEDIUM (CM) IN UNILATERAL URETERAL OBSTRUCTION (UUO) IN RATS.
Andrei F Silva, Vicente C Teixeira, Nestor Schor.
Medicine/Nephrology, Federal Univ São Paulo - Unifesp, São Paulo, Brazil.

SP107
ONTOCENY OF THE CIRCADIAN MOLECULAR CLOCKWORK IN THE RAT KIDNEY
Krisztina Mészáros,1 Nadezda Koleganova-Gut,2 Franz Schaefer,1 Eberhard Ritz.3
1Div Pediatric Nephrology Center Pediatrics and Adolescent Medicine, 2Dept Pathology, 3Div Nephrology, Univ Heidelberg, Heidelberg, Germany.

SP108
PROTEINKINASE C ALPHA DELETION ATTENUATES RENAL ISCHEMIA REPERFUSION INJURY BY TGF-BETA INHIBITION
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SP109
GOLD NANOPARICLE SENSORS FOR DETECTING CHRONIC KIDNEY DISEASE AND DISEASE PROGRESSION
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SP110
INHIBITION OF MITOCHONDRIAL DYSFUNCTION IS THE MECHANISM OF PIRFENIDONE ANTI-TUBULOINTESTITAL FIBROSIS-AN IN VIVO AND IN VITRO STUDY
Jun-Feng Chen, Hong Liu, Hai-Feng Ni, Lin-Li Lv, Ming-Hui Zhang, Ri-Ning Tang, Jian-Dong Zhang, Kun-Ling Ma, Ping-Sheng Chen, Bi-Cheng Liu.
Southeast Univ, Inst Nephrology, Nanjing, Jiangsu, China.

SP111
IN ACUTE KIDNEY INJURY, INDOXYL SULFATE IMPAIRS ENDOTHELIAL PROGENITOR CELLS – MODULATION BY STATIN
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SP112
EARLY RENAL HISTOPATHOLOGICAL AND FUNCTIONAL CHANGES IN STAR FRUIT INDUCED ACUTE OXALATE NEPHROPATHY
Gustavo P Miiaera,1 Terezila M Coimbra,2 Gyl El Silvaa,3 Roberto S Costa,3 Heloisa De Francescato,2 Miguel M Neto,1 Marcio Dantas.1
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SP113
ARTERIAL KLOTHO EXPRESSION AND FGF23 EFFECTS ON VASCULAR CALCIFICATION AND FUNCTION
Karolina Lindberg,1 Hannes Olason,1 Risul Amin,1 Arvind Ponnusamy,3 Regina Goetz,2 Moosa Mohammadi,2 Ann Canfield,3 Karolina Kublickien,4 Tobias E Larsson.1,5
POSTERS

SP114
RENA
LANE FUNCTION DURING SEPSIS SYNDROMES: ROLE OF CAROTID BODY CHEMORECEPTORS
Jorge Rodríguez,1 Edison P Reyes,2 Paula P Cortés,4 Ricardo Fernández.4
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SP115
TEMPO
L ATTENUATES RENAL INJURY VIA PI3K-Akt-FoxO3a MODU
LATION IN MICE WITH UNILATERAL URETERAL OBSTRUCTION
Hye Eun Yoon, Eun Sil Koh, Sungjin Chung, Seok Joon Shin.
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SP116
INTRA
ENOUS POLYCLONAL IMMUNOGLOBULINS STIMULATE ERYTHROPOIESIS IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Dario Pazzano, Gaetano Montalto, Valeria Cernaro, Rosaria Lupica, Francesco Torre, Giuseppe Costantino, Michele Buemi.
Internal Medicine, Univ Messina, Messina, Italy.

SP117
POSSIBLE NEW UTILITY OF VDBP PROTEIN AS BIOMARKER OF CHRO
NIC PREDISPOSITION TO ACUTE KIDNEY INJURY
Marta Prieto,1,2 José Manuel González-Buitrago,2 Francisco López-Hernández,2,3,4 José Miguel López-Novoa,1,2 Ana I. Morales,1,2 Laura Vicente-Vicente,1,2 Laura Ferreira.4
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SP118
THE BONE MARROW-DERIVED MESENQUIMAL STEM CELLS (BMSC) REPAIR THE ACUTE KIDNEY INJURY (AKI) INDUCED BY ACYCLOVIR
Joelma Santina Christo,1 Luciana Aparecida Reis,1 Manuel Jesus Simões,2 Clévia Dos Santos Passos,1 Nestor Schor Schor.1
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SP119
PROTECTIVE EFFECT OF N-ACETYLCYSTEINE ON CHRONIC TENOFOVIR NEPHROTOXICITY IN RATS.
Maria Hm Shimizu, Daniele Canale, Ana C De Bragança, Lucia Andrade, Wevertom M Luchi, Antonio C Seguro.
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SP120
VITAMIN D DEFICIENCY AGGRAVATES TENOFOVIR INDUCED METABOLIC SYNDROME AND RENAL FAILURE
Daniele Canale, Ana Carolina De Bragança, Janaína G Gonçalves, Maria He-loisa M Shimizu, Rildo A Volpini, Lucia Andrade, Antonio Carlos Seguro.
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SP121
THE 5/6 NEPHRECTOMIZED RAT AS A GOOD MODEL TO STUDY CHRONIC KIDNEY DISEASE
Patrícia Garrido,1 João Fernandes,2 Sandra Ribeiro,2 Helena Valls,4 Belmi-ro Parada,5 Rui Alves,5 Luis Belo,2 Elísio Costa,2,3 Alice Santos-Silva,2,3 Flávio Reis,1
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LAB METHODS / BIOMARKERS

SP122
COMPARISON OF ATHEROMATOUS DISEASE IN HIGH RISK POPULATIONS REVEALS A DISTINCT ASSOCIATION OF RISK FACTORS AMONG PATIENT POPULATIONS AND A STRIKING RELEVANCE FOR GLYCEMIC CONTROL IN DIABETIC NEPHROPATHY.
Mercè Borras,1 Jorge Roig,1 Angels Betriu,2 Ana Vilar,1 Marta Hernandez,3 Marisa Martin,1 Elvira D Fernandez.1
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SP123
PREDICTIVE VALUE OF TRADITIONAL AND NOVEL RISK FACTORS FOR CARDIOVASCULAR DISEASE AND END STAGE RENAL DISEASE IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Evangelia Dounousi,1 Vasiliki Kiatou,2 Aikaterini Papagianni,3 Xanthi Zikou,1 Kostas Pappas,1 Efthymios Pappas,1 Athina Tatsioni,1 Dimitrios Tsakiris,2 Kostas C. Siamopoulos.1
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SP124
CAROTID INTIMA-MEDIA THICKNESS AND PLAQUES ARE INDEPENDENTLY ASSOCIATED WITH RATE OF RENAL FUNTION DECLINE IN PATIENTS WITH CHRONIC KIDNEY DISEASE

SP125
THE EFFECTS OF THE CKD-MBD (CHRONIC KIDNEY DISEASE-MINERAL AND BONE DISORDERS) PARAMETERS ON LEFT VENTRICULAR (LV) GEOMETRY IN PRE-DIALYSIS CKD
Shin Young Ahn,1 Ho Jun Chin,1,2 Kook-Hwan Oh,2 Curie Ahn,2 Dong-Wan Chae.1,2
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SP126
ARTERIAL STIFFNESS IN PATIENT WITH DECREASED RENAL MASS
Raziye Yazici,1 Lutfullah Altintep,1 Suleyman Bakdik,2 Ibrahim Guney,1 Sevket Arslan,1 Mustafa Topal,1 Ali Karagoz.1
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SP127
IS ABDOMINAL AORTIC CALCFICATION RELATED TO RENAL RESISTIVE INDEX?
Gabriel Stefan,2 Gabriel Mircescu,1,2 Cristina Capusa,1,2 Simona Stancu,1,2 Licia Petrescu,1,2 Silvia Alcuc,2 Dana Nedelcu.3
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SP128
DEVELOPMENT OF A NOVEL ELISA TEST KIT FOR THE DETECTION OF DESPHOSPHO-UNCARBOXYLATED MATRIX GLA PROTEIN
Alexandra H L Bennett,1 Heather Pham,1 Martha L Garrity,1 Elke Magdeleyns,2 Cees Vermeer.2
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POSTERS

SP129
HIGH LEVELS OF SERUM FIBROBLAST GROWTH FACTOR 23 ARE ASSOCIATED WITH CORONARY ARTERY CALCIFICATION AND ADVERSE CLINICAL OUTCOMES IN PATIENTS WITH MODERATE AND ADVANCED STAGE CHRONIC KIDNEY DISEASE
Minfang Zhang, Zhaohui Ni, Minli Zhu, Jiayi Yan, Shan Mou, Qin Wang, Jiaqi Qian.
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SP130
NUTRITIONAL EDUCATION FOR MANAGEMENT OF OSTEODYSTROPHY (NEMO) TRIAL: IMPACT ON QUALITY OF LIFE
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SP131
CLINICAL EFFECT OF DIFFERENT ALBUMIN ASSAYS ON CALCIUM AND PHOSPHATE MANAGEMENT IN CHRONIC HEMODIALYSIS PATIENTS
Dinky E. De Haseth,1 E. Lars Penne,2 Bastiaan Van Dam,1 Willem A. Bax,1 Michiel L. Bots,3 Muriel P.C. Grooteman,2 Rene A. Van Den Dorpel,4 Peter J. Blankenstijn,3 Menso J. Nube,2 Piet M. Ter Wee.2
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SP132
URINE PROTEIN, ALBUMIN CREATININE RATIO ESTIMATION BY URINE DIPSTICK PROTEIN AND SPECIFIC GRAVITY
Jung Hwan Park, Young-II Jo, Jong Ho Lee.
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SP133
IS ANTI-PROTEINURIC EFFECT OF ACE-INHIBITORS CONSTANT THROUGHOUT THE DAY?
Paola Cianfrone, Nicola Comi, Gaetano Lucisano, Valentina Piraina, Roberta Talarico, Giorgio Fuiano.
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SP134
AGE-RAGE SYSTEM AND TUBULOINTERSTITIAL INJURY IN A MOUSE REMNANT KIDNEY MODEL
Maki Toyonaga,1 Kei Fukami,1 Sho-Ichi Yamagishi,2 Yusuke Kaida,1 Yusuke Nakayama,1 Ryutarou Ando,1 Nana Obara,1 Seiji Ueda,1 Seiya Okuda,1
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SP135
URINARY ALPHA-1 MICROGLOBULIN CORRELATES WITH THE DEGREE OF SECONDARY RENAL TUBULOINTERSTITIAL FIBROSIS
Jana Granatova,1 Martin Havrda,2 Zdenka Hruskova,3 Vladimir Tesar,3 Ondrej Viklicky,4 Romana Rysava,3 Ivan Rychlik,2 Karolina Kratka,2 Eva Honsova,2 Zdenka Vernerova,2 Jana Maluskova,2 Milada Bolkova,1 Klaru Borecka,1 Hana Benakova,3 Tomas Zima,3
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SP136
ROLE OF THE FUNCTIONAL TOLL-LIKE RECEPTOR-9 PROMOTOR POLYMORPHISM (-1237T/C) IN THE INCREASED RISK OF END-STAGE RENAL DISEASE: A CASE-CONTROL STUDY
Kuo-Cheng Lu,1 Hsin-Yi Yang,2 Sui-Lung Su.2
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SPI37
IDENTIFICATION OF COMBINED URINARY mRNA BIOMARKERS FOR RENAL FIBROSIS IN IgA NEPHROPATHY WITH PCR ARRAY
Yu-Han Cao, Lin-Li Lv, Bi-Cheng Liu. Southeast Univ, Inst Nephrology, Nanjing, China.

SPI38
COMBINATION OF PLASMA AND URINARY METABOLOMICS ON THE IgA NEPHROPATHY CONTRIBUTED TO EVALUATION OF CLINICAL TREATMENT
Rong Zeng,1 Xian-Fu Gao,1 Yue-Yi Deng.2 1Shanghai Inst Biological Sciences, Shanghai, China; 2Dept Nephrology, Longhua Hosp, Shanghai, China.

SPI39
NON-TARGETED METABOLOMICS IN THE STUDY OF CHRONIC KIDNEY DISEASE
Jente Boelaert,1,2 Ruben T’ Kindt,3 Griet Glorieux,2 Eva Schepers,2 Lucie Jorge,3 Nathalie Neirynck,2 Frédéric Lynen,1 Pat Sandra,1,4 Koen Sandra,3 Raymond Vanholder.2 1Separation Science Group, Dept Organic Chemistry, Ghent Univ, Ghent, Belgium; 2Renal Div, Dept Internal Medicine, Univ Hosp Ghent, Ghent, Belgium; 3Metablys, Kortrijk, Belgium; 4Research Inst Chromatography, Kortrijk, Belgium.

SPI40
MASS SPECTROMETRY- AND ANTIBODY-BASED PROTEOMICS OF THE HUMAN KIDNEY AND URINE
Tadashi Yamamoto,1 Masaaki Nameta,1 Yutaka Yoshida,1 Mathias Uhlen.2 1Structural Pathology, Inst Nephrology Niigata Univ, Niigata, Niigata, Japan; 2Science for Life Lab and Albanova Univ Center, Royal Inst Technology (KTH), Stockholm, Sweden.

SPI41
INFLUENCE OF CYP3A5, CYP2C8 AND ABCB1 POLYMORPHISMS ON TACROLIMUS-INDUCED NEPHROTOXICITY IN LIVER TRANSPLANT RECIPIENTS
Yunying Shi,1 Jiangtao Tang,2 Junlong Zhang,2 Yunfei An,2 Yun Liao,2 Yi Li,2 Ye Tao,1 Lanlan Wang.2 1Dept Nephrology, 2Dept Lab Medicine, West China Hosp Sichuan Univ, Chengdu, Sichuan, China.

SPI42
THE RISK FACTORS OF WORSENING RENAL FUNCTION BY VASOPRESSIN RECEPTOR 2 ANTAGONIST (Tolvaptan) IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS WITH CHRONIC HEART FAILURE
Kiyoto Koibuchi,1 Kentaro Tanaka,2 Toshiyuki Aoki,1 Moritsugu Miyagi,1 Ken Sakai,2 Atsushi Aikawa.2 1Dept Nephrology, Saiseikai Yokohama-city Eastern Hosp, Yokohama, Kanagawa, Japan; 2Dept Nephrology, Toho Univ School Medicine, Ota-ku, Tokyo, Japan.

SPI43
BARIATRIC SURGERY IN OBESE PATIENTS IS ASSOCIATED WITH REDUCTION OF ALBUMINURIA AND CARDIOVASCULAR RISK FACTORS
Ana R Martins,1 Patricia Q Branco,1 Filipa M Serra,2 Patricia J Matias,1 Carlos P Lucas,1 Teresa Adragão,1 Joao Duarte,2 Maria M Oliveira,2 Antonio M Saraiva,2 Jose D Barata.1 1Nephrology, Hosp Santa Cruz/CHLO, Lisbon, Lisbon, Portugal; 2Endocrinology, Hosp Egas Moniz, Lisboa, Lisboa, Portugal.
SP144
PROTEOGLYCANS AND GLYCOSAMINOGLYCANS TRANSCRIPTOMIC ANALYSIS SHOWED A SPECIFIC PROFILE IN CHRONIC KIDNEY DISEASE PATIENTS.
Valentina Masola,1 Gianluigi Zaza,1 Simona Granata,1 Marta Proglio,1 Paola Pontrelli,1 Cataldo Abaterusso,3 Francesco Paolo Schena,2 Loreto Gesualdo,2 Giovanni Gambaro,4 Antonio Lupò.1
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SP145
RENAI TISSUE OXYGENATION AS MEASURED WITH BOLD-MRI IN PATIENTS WITH CHRONIC KIDNEY DISEASE IN COMPARISON WITH ARTERIAL HYPERTENSION AND HEALTHY CONTROLS
Menno Pruimj,1 Lucie Hofmann,1 Matthias Stubler,2 Carole Zweiacker,1 Majo ciej Piskunowiecz,4 Marie-Eve Muller,1 Bruno Vogt,3 Michel Burnier.1
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SP146
PREDICTION OF DETERIORATION IN RENAL FUNCTION BY MRI AND URINARY MARKERS
Nobuhiko Togashi,1 Tomohisa Yamashita,1 Tomohiro Mita,2 Yoshito Ohnuma,2 Tohru Hasegawa,2 Toshiaki Endo,2 Akiohi Tsuchida,2 Toshiaki Ando,2 Hideaki Yoshida,3 Tet suji Miura.3
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SP147
A SIMPLE SCORING ALGORITHM USING SERUM FREE LIGHT CHAINS FOR THE RISK ASSESSMENT OF PROGRESSION OF CHRONIC KIDNEY DISEASE
Anne Bevin,1,2 Laknvir Assi,1 James Ritchie,3 Mark Jesky,2 Stephanie Stringer,2 Philip Kalra,3 Colin Hutchison,2,4 Stephen Harding,1 Paul Cockwell.2
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SP148
PLASMA PTH LEVELS MEASURED WITH THE 3RD GENERATION 1-84 PTH ASSAY IN PATIENTS WITH DIFFERENT STAGES OF CHRONIC KIDNEY DISEASE
Giuseppe Viccica, Adamasco Cupisti, Silvia Chiavistelli, Simona Borsari, Elena Pardi, Roberta Centoni, Giordano Furnagall, Filomena Cetani, Claudio Marcodi.1
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SP149
THIRD GENERATION BIO-INTACT PTH ASSAYS PRODUCE RESULTS WHICH ARE BETTER CORRELATED WITH BIOCHEMICAL AND SKELETAL PARAMETERS IN CKD PATIENTS THAN DO SECOND-GENERATION INTACT PTH ASSAYS – NOW IS IT TIME TO MOVE ON AND CHANGE OVER ?
Paul Scully,1 Deidre O’flaherty,2 Arun Sankaralingam,2 Geeta Hampson,2 David J Goldsmith.1
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SP150
1H-NMR PROFILING OF URINARY METABOLITES FOR A BETTER CHARACTERIZATION OF KIDNEY INJURIES: A PILOT STUDY
Nicolas Pallet,2 Sophie Chauvet,1 Philippe Beauge,2 Dominique Nochy,1 Eric Thervet,1 Alexandre Karras,1 Gildas Bertho.3
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SP151
ASYMMETRIC DIMETHYLARGININE CONTRIBUTES TO THE KIDNEY FUNCTION DECREASE VIA AGGRAVATION OF VASCULAR REMODELING IN OBESE PATIENTS WITH CKD I-IIIA
Marat G Gallyamov,1,3 Evgeniya A Siganova,1,2 Mariya M Severova,2 Tatyana N Krasnova,1,2 Aleksandra A Kopylova,1
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SP152
EFFECT OF ACUTE KIDNEY INJURY EPISODES ON PROGRESSION OF CHRONIC KIDNEY DISEASE IN EARLY STAGE CKD PATIENTS
Korea Univ Hosp, Seoul, Korea.

SP153
HBA1C IS AN INDEPENDENT RISK FACTOR FOR MORTALITY BUT NOT FOR END STAGE RENAL DISEASE IN NON DIABETIC CKD PATIENTS
Claire Trivin,1 Marie Metzger,2 Jean-Jacques Boffa,3 Francois Vrtovsnik,4 Pascal Houiller,1 Jean-Philippe Haymann,3 Martin Flamant,4 Benedicte Stengel,2 Eric Thervet.1

SP154
EFFECTS OF ZINC SUPPLEMENTATION ON PLASMA HOMOCYSTEINE LEVEL IN ESRD PATIENTS: A DOUBLE BLIND RANDOMIZED CLINICAL TRIAL
Jamshid Roozbeh,1 Vahideh Yavari,2 Maryam Pakfetrat,1 Ali Asghar Zolghadr.2
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SP155
INFLUENCE OF RENAL DYSFUNCTION ON CLINICAL OUTCOMES IN PATIENTS WITH CONGESTIVE HEART FAILURE COMPLICATING ACUTE MYOCARDIAL INFARCTION
Chang Seong Kim, Min Jee Kim, Yong Un Kang, Joon Seok Choi, Eun Hui Bae, Seong Kwon Ma, Soo Wan Kim.
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SP156
ARE GFR ESTIMATING FORMULAS INACCURATE IN OBESE PATIENTS?
Sandrine Lemoine, Fitsum Guebre-Egziabher, Laurence Dubourg, Aoumeur Hadj-Aissa.
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SP157
NUTRITION ASSESSMENT AND RISK PREDICTION IN DIALYSIS PATIENT - A NEW INTEGRATIVE SCORE
Sara Blumberg, Zeev Katzir, Alexander Biro, Relu Cernes, Zvi Barnea.
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SP158
ESTIMATION OF THE PREVALENCE OF CKD IN HEALTHY SUBJECTS BY FOUR DIFFERENT EQUATIONS
Damaris Vasquez, Raquel Gordillo, Carmen Aller, Beatriz Fernandez, Najaty Jabary, Vicente Perez, Alicia Mendiluce, Jesus Bustamante, Armando Coca.
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POSTERS

SP159
NOVEL METABOLITES ASSOCIATE WITH IMPAIRED KIDNEY FUNCTION AND KIDNEY FUNCTION DECLINE IN THE GENERAL POPULATION
Oemer-Necmi Goek,1 Peggy Sekula,1 Cornelia Prehn,2 Christine Meisinger,2 Christian Gieger,2 Karsten Suhre,2,3 Jerzy Adamski,2 Gabi Kastenmüller,2 Anna Köttgen.1
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SP160
NEUTROPHILS ACTIVATION CORRELATES WITH INSULIN RESISTANCE IN END-STAGE RENAL DISEASE (ESRD) PATIENTS
Marek Kuzniewski,1 Danuta Fedak,2 Paulina Dumnicka,3 Bogdan Solnica,2 Beata Kusniercz-Cabala,2 Maria Kapusta,2 Władysław Sułowicz,1 Ryszard Drozdz.3
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SP161
RENAL FUNCTION, SUBCLINICAL ATHEROSCLEROSIS AND C1 METABOLISM IN APPARENTLY HEALTHY SUBJECTS
Adam M Zawada,1 Kyrill S Rogacev,1 Björn Hummel,2 Danilo Fliser,1 Jürgen Geisel,2 Gunnar H Heine.1
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SP162
BIOMARKERS OF TISSUE REMODELING, TISSUE INJURY RESPONSE AND INFLAMMATION IN CHRONIC KIDNEY DISEASE (CKD): CLINICAL AND PRECLINICAL DATA
Axel Kretschmer,1 Michaela Volsek,2 Thomas Krahn,1 Peter Kolkhof,3 Andreas Kribben,2 Heike Bruck.2
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SP163
LECITHIN:CHOLESTEROL ACYLTRANSFERASE (LCAT) ACTIVITY IN CHRONIC KIDNEY DISEASE
Eun Sil Koh, Sungjin Chung, Hye Eun Yoon, Cheol Whee Park, Yoon Sik Chang, Seok Joon Shin.1
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SP164
SURVIVAL ON LOW-PROTEIN DIETS: RESULTS OF A MULTIPLE CHOICE APPROACH
Maria C Deagostini,1 Federica N Vigotti,1 Martina Ferraresi,1 Valentina Consiglio,1 Stefania Scognamiglio,1 Irene Moro,1 Roberta Clari,1 Germanna Daidola,1 Elisabetta Versino,2 Giorgina B Piccoli.1
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SP165
ENDOTHELIAL DYSFUNCTION IN CARDIORENAL SYNDROME
Mehman Mammadrahim Agayev,1 Irada Mehrali Mammadova,2 Shalala Qarib Ismayilova.2
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SP166
CIRCULATING ANGIOTENSIN-CONVERTING ENZYME 2 IN CHRONIC KIDNEY DISEASE PATIENTS WITHOUT HISTORY OF CARDIOVASCULAR DISEASE
Lidia Anguiano,1 Marta Riera,1 Julio Pascua1, Clara Barrios,1 Angels Betriu,2 Jose M Valdivielso,2 Elvira Fernández,2 Maria Jose Soler.1
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SP167
PSYCHOLOGICAL EVALUATION OF CKD PATIENTS. ASSOCIATION OF DEPRESSION AND STRESS WITH RENAL FUNCTION.
Vasiliki Tsarpali,1 Vassilios Liakopoulos,2 Efharis Panagopoulou,3 Dorothea Kapoukranidou,4 Sofia Spaia,1 Myrto Kostopoulou,2 Aikaterini Michalaki,2 Olga Nikitidou,2 Nicholas Dombros.2
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SP168
WHAT ARE THE MAJOR FACTORS TO DETERMINE SERUM CREATININE IN HEALTHY POPULATION?
Fansan Zhu, Samer Abba, Cesar Flores-Gama, Caroline Williams, Cassandra Cartagena, Mary Carter, Peter Kotanko, Nathan W Levin. Renal Research Inst, New York, USA.

SP169
HYPEROXALURIA MEDIATED RENAL INJURY IN WOMEN WITH RECURRENT PYELONEPHRITIS
Mykola Kolesnyk,1 Natalia Stepanova,1 Victoria Driyanska,1 Natalia Stashevska,1 Valery Kundin.2
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SP170
DEVELOPMENT OF A VISUAL TEST FOR COPPER DETERMINATION IN SERUM OF HEMODIALYSIS PATIENTS
Iryna Shifris,1 Iryna Dudar,1 Olga Zaporozhets,2 Tetiana Keda,2 Mykola Ishchenko,2 Miroslava Khil.1
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SP171
EXPRESSION PATTERN OF CALPONIN IN THE CAPSULAR EPITHELUM AND PERIGLOMERULAR AREA OF HUMAN KIDNEY IS RELATED TO THE DEVELOPMENT OF GLOMERULOSCLEROSIS
Jae-Yeon Choe, Sun-Ah Nam, Jin Kim, Jung-Ho Cha. Dept Anatomy, College Medicine, Catholic Univ Korea, seoul, Korea.

SP172
ADVANCES IN KIDNEY FOCAL LESIONS- USE OF CONTRAST ENHANCED ULTRASONOGRAPHY
Mirela I. Gliga,1,2 Carmen G. Irimescu,2 Carmen D Caldararu,1 Mihai G Gliga,3 Lucian V Toma,1 Adriana Comotoroaia,4
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SP173
SODIUM BICARBONATE THERAPY OF THE METABOLIC ACIDOSIS OF CHRONIC KIDNEY DISEASE
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SP174
URINARY SYNAPTOPODIN EXCRETION AS A PREDICTOR OF GLOMERULAR DISEASE PROGRESSION
Soon Kil Kwon, Seung Jung Kim, Sun Moon Kim, Hye-Young Kim. Dept Medicine, Chungbuk National Univ Hosp, Cheongju, Chungbuk, Korea.
SP175
URINE PROTEIN-TO-CREATININE RATIO CORRELATES WITH 24-H URINE TOTAL PROTEIN EXCRETION BUT POORLY IN NEPHROTIC RANGE PROTEINURIA
Nuria Montero,1 Maria José Soler,1 Clara Barrios,1 Eva Márquez,1 Ali Ber rada,1 Carlos Arias,1 Jenny Alejandra Prada,1 Maria A Orfila,1 Sergi Mojal,2 Carles Vilaplana,3 Julio Pascual,1
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SP176
WHAT ABOUT THE CHILDREN BORN TO MOTHERS ON VEGAN LOW-PROTEIN SUPPLEMENTED DIETS IN PREGNANCY?
Federica N Vigotti,1 Rossella Attini,2 Silvia Parisi,2 Federica Fassio,2 Maria C Deagostini,1 Sara Ghiotto,1 Martina Ferraresi,1 Roberta Clari,1 Marilisa Biol cati,2 Tullia Todros,2 Giorgia B Piccoli,1
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SP177
DYSREGULATION OF HEPATIC FATTY ACID METABOLISM IN CHRONIC KIDNEY DISEASE: EFFECT OF NIACIN SUPPLEMENTATION
Kyubok Jin,1,2 Nosratola D Vaziri.1
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SP178
ALBUMIN INDUCED DOWN-REGULATION OF P GLYCOPROTEIN IN HK-2 HUMAN TUBULAR CELLS: INFLUENCE OF VARIOUS CHEMICALS
Gianfranco Tramonti,1 Nadia Romiti,2 Elisabetta Chieli.2
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SP179
EVALUATION OF RENAL FUNCTION RESERVE IN HEALTHY VOLUNTEERS AND CKD PATIENTS BY DOPAMINE INFUSION
Adelya N Maksudova, Lia A Khusnutdinova.
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SP180
ASSOCIATION OF SERUM CYTOKINE PROFILES WITH TACROLIMUS-INDUCED CHRONIC NEPHROTOXICITY IN CHINESE LIVER TRANSPLANT RECIPIENTS
Jiangtao Tang,1 Yunying Shi,2 Junlong Zhang,1 Yi Li,1 Yunfei An,1 Ye Tao,2 Lanlan Wang.1
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SP181
HIGH SENSITIVITY TROPONIN T IN CHRONIC KIDNEY DISEASE
Nephrology, Hosp General Univ Gregorio Marañon, Madrid, Madrid, Spain.

SP183
HOW THE PATIENT KINETICS HAS ALTERED AFTER THE IMPLEMENTATION OF eGFR IN A NEPHROLOGY OUTPATIENT CLINIC
Hiroshi Tanaka.
Div Nephrology, Dept Internal Medicine, Hiroshima Red Cross Hosp and Atomic-bomb Survivors Hosp, Hiroshima, Japan.

SP184
BODY COMPOSITION IN HEALTHY SUBJECTS AND PATIENTS IN EARLY STAGES OF CHRONIC KIDNEY DISEASE
César Flores-Gama, Samer R Abbas, Caroline Williams, Cassandra Cartagena, Mary Carter, Stethan Thijssen, Peter Kotanko, Nathan W Levin, Fansan Zhu.
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SP185
BODY COMPOSITION EVALUATION BY MULTIFREQUENCY SPECTROSCOPIC BIOIMPEDANCE IN CHRONIC KIDNEY DISEASE PATIENTS AT DIFFERENT eGFR STAGING: 1 TO 5 NON-D François C Berthoux,1 Lynda Azzouz,2 Aida Afiani,2 Abdelaziz Ziane,2 Christophe Mariat,1 Henri Fournier,3
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SP186
DIFFERENT BODY FLUID VOLUMES MEASURED BY SINGLE- AND MULTI-FREQUENCY BIOELECTRICAL IMPEDANCE ANALYZERS IN OVERWEIGHT/OBESErenal patients Mariusz Kuształ, Przemysław Dzierzek, Grzegorz Witkowski, Michał Nurzyński, Tomasz Golebiowski, Wacław Weyde, Marian Klinger. Nephrology and Transplantation Medicine, Wrocław Medical Univ, Wrocław, Poland.

SP187
APPLICABILITY OF A DIFFERENT ESTIMATION EQUATION OF GLOMERULAR FilTRATION RATE IN TURKEY Mehmet Riza Altıparmak,1 Nurhan Seyahi,1 Sinan Trabulbus,1 Murat Bolayırılı,2 Zeynep Gulnur Andican,2 Gültekin Suleymanlar,3 Kamil Serdengecti,1 1Dept Nephrology, 2Dept Biochemistry, Cerrahpasa Medical Fac, Istanbul Univ, Istanbul, Turkey; 3Dept Nephrology, School Medicine, Akdeniz Univ, Antalya, Turkey.

SP188
CKD PREVENTION IN PATIENTS WITH CAUDA EQUINA SYNDROME, USING ALTERNATIVE THERAPEUTIC METHODS Andrei Niculae,1 Ionel-Alexandru Checherita,1 Dan- Nicolas Neagoe,2 Alexandru Ciocalteu.1 1Nephrology and Dialysis, Carol Davila Univ Medicine and Pharmacy, St. John Emergency Clinical Hosp, Bucharest, Romania; 2St. Pantelimon Balneotherapy and Rest Center, Constanta, Romania.

SP189
THE CREATININE AND CYSTATIN C BASED CKD-EPI EQUATION IMPROVES RISK PREDICTION OF RENAL OUTCOME IN CKD PATIENTS Sarah Seiler,1 Kyrill S. Rogacev,1 John W. Pickering,2 Insa Emrich,1 Danilo Fliser,1 Gunnar H. Heine,1 1Dept Internal Medicine IV- Nephrology and Hypertension, Saarland Univ Hosp, Homburg, Germany; 2Christchurch Kidney Research Group, Dept Medicine, Univ Otago Christchurch, Christchurch, New Zealand.

SP190
VALIDATION OF A NEW STANDARDIZED CYSTATIN C TURBIDIMETRIC ASSAY: EVALUATION OF THE THREE NOVEL CKD-EPI EQUATIONS IN HYPERTENSIVE PATIENTS Anne-Sophie Bargnoux,1 Julien Obiols,1 Nils Kuster,1 Pierre Fessler,2 Stéphanie Badioiu,1 Anne-Marie Dupuy,1 Jean Ribstein,2 Jean-Paul Cristol,1 1Lab Biochimie, CHRU Montpellier, Montpellier, France; 2Serv Médecine Interne, CHRU Montpellier, Montpellier, France.

SP191
ESTIMATED GLOMERULAR FILTRATION RATE BASED ON SERUM CYSTATIN C PROVIDES PROGNOSTIC INFORMATION BEYOND ITS ROLE AS AN INDEX OF KIDNEY FUNCTION Naoki Yanagisawa,1,2 Minoru Ando,2,3 Atsushi Ajisawa,1 Ken Tsuchiya,2 Kosaku Nitta,2 1Dept Infectious Diseases, Tokyo Metropolitan Komagome Hosp, Tokyo, Japan; 2Dept IV Internal Medicine, Tokyo Women’s Medical Univ, Tokyo, Japan; 3Dept Nephrology, Tokyo Metropolitan Komagome Hosp, Tokyo, Japan.
SP192
MDRD VERSUS CKD-EPI EQUATIONS TO ESTIMATE GLOMERULAR FILTRATION RATE IN OBESE PATIENTS
Antoine Bouquegneau,1 Etienne Cavalier,2 Jean-Marie Krzesinski,1 Pierre Delanaye.1
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SP193
SHORT-TERM EFFECTS OF Tolvaptan ADDED TO Furosemide IN PATIENTS WITH CONGESTIVE HEART FAILURE AND ADVANCED STAGES OF CHRONIC KIDNEY DISEASE
Naoto Tominaga,1 Yugo Shibagaki,1 Keisuke Kida,2 Fumihiko Miyake,2 Kenjiro Kimura.1
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SP194
THE EFFICACY OF COLCHICINE TREATMENT IN RENAL AMYLOIDOSIS IN THE FRAMES OF FAMILIAL MEDITERRANEAN FEVER
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SP195
EXTRACELLULAR MATRIX PROTEIN FIBULIN-1 PLASMA LEVELS ARE ASSOCIATED WITH INCREASED CARDIOVASCULAR RISK IN CHRONIC KIDNEY DISEASE
Alexandra Schulze,1,2,3 Peter Marckmann,1 Martin Tepel,1,2 Lars M Rasmussen.4
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SP196
INCIDENCE OF PROTEINURIA FOLLOWING GEMCITABINE ADMINISTRATION IS A LIKELY SIGN OF POOR OUTCOME FOR CANCER PATIENTS
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SP197
CONVERSION FROM ALLOPURINOL TO FEBUXOSTAT IS BENEFIT FOR CKD PATIENTS WITH HYPERURICEMIA
Hidetoshi Kanai, Kenji Harada, Yasuhiro Tamura, Yasuhiro Kawai.
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SP198
THE EFFECT OF ENVIRONMENTAL AND PATIENT HISTORY ON THE FORMATION OF RENAL STONE AND RELATED SERUM IONS LEVELS WITH REFERENCE TO URINARY TRACT INFECTIONS.
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SP199
PREOPERATIVE MARKERS OF DECREASED KIDNEY FUNCTION AFTER SURGICAL TREATMENT OF NEPHROLITHIASIS
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POSTERS

EPIDEMIOLOGY - RENAL OUTCOMES

SP200

TABUK FORMULA: A MODIFIED CKD-EPI FORMULA IMPROVES PREDICTING GFR IN SAUDI POPULATION.
Osama El Minshawy,1 Tawfik Ghabrah,2 Abdelmageed Hamza,3 Abdelhafeez Fadl,3 Mohulab Adham,3 Eman El Bassuoni.4
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SP201

PROGRESSION OF CHRONIC KIDNEY DISEASE (CKD) IN THE RENAL RESEARCH INST (RRRI)- CKD STUDY
R. Saran,1 A. Ticlea,1 R. Sands,1 M. Kiser,4 S.W. Han,1 A. Stack,3 F. Finkelstein,6 G. Eisele,5 P. Kotanko,2 N. Levin,2 B. Gillespie.1
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SP202

STUDY DESIGN OF THE NETWORK OF GERMAN KIDNEY COHORTS
Vera Krane for The Network Of German Kidney Cohorts.
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SP203

EGFR FORMULAE ARE OF NO CLINICAL UTILITY COMPARED TO ACCURATE MEASUREMENT OF TRUE GFR FOR HEALTHY PROSPECTIVE LIVING KIDNEY DONORS
Thakshyanee Bhuvanakrishna,1 Lisa Burnapp,1 Rachel Hilton,1 Christopher Sibley-Allen,2 Glenn Blake,2 David J Goldsmith.1
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SP204

DIAGNOSIS AND REFERRAL PATTERNS OF CHRONIC KIDNEY DISEASE PATIENTS IN 4 EUROPEAN COUNTRIES
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SP205

EFFECT OF REEVALUATION OF LIFESTYLE ON DECLINE IN ESTIMATED GFR AMONG HIGH RISK POPULATION OF CHRONIC KIDNEY DISEASE: FROM THE RESULTS OF THE KIDNEY EARLY EVALUATION PROGRAM IN JAPAN
Mitsuru Yanai, Kazuyoshi Okada, Kazuhiisa Takeuchi, Kazuhiro Matsuyama, Kosaku Nitta, Sususmu Takahashi.
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SP206

CREATININE- OR CYSTATIN C-BASED EQUATIONS TO ESTIMATE GLOMERULAR FILTRATION RATE IN THE GENERAL POPULATION: IMPACT ON THE EPIDEMIOLOGY OF CHRONIC KIDNEY DISEASE
Pierre Delaney, Etienne Cavalier, Olivier Moranne, Laurence Lutteri, Olivier Bruyère, Jean-Marie Krzesinski.
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SP207

COGNITIVE AND KIDNEY FUNCTION AT AGE 60-64 YEARS: RESULTS FROM THE 1946 BRITISH BIRTH COHORT STUDY
Richard J Silverwood,1 Marcus Richards,2 Mary Pierce,2 Rebecca Hardy,2 Naveed Sattar,3 Charles Ferro,4 Caroline Savage,5 Diana Kuh,2 Dorothea Nitsch,1 1Dept Non-Communicable Disease Epidemiology, London School Hygiene and Tropical Medicine, London, UK; 2MRC Unit for Lifelong Health and Ageing, Univ College London, London, UK; 3BHF Glasgow Cardiovascular Research Centre, Univ Glasgow, Glasgow, UK; 4Dept Renal Medicine, Queen Elizabeth Hosp, Birmingham, UK; 5School Immunity and Infection, College Medical and Dental Sciences, Univ Birmingham, Birmingham, UK.
SP208
METABOLIC AND INFLAMMATORY PARAMETERS ACCORDING TO CHRONIC KIDNEY DISEASE EQUATIONS IN A HEALTHY KOREAN POPULATION
Jung-Ho Shin, Su Hyun Kim, Suk-Hee Yu.
Dept Internal Medicine, Chung-Ang Univ College Medicine, Seoul, Korea.

SP209
TWO NEW INSTRUMENTS TO MEASURE AUTOSOMAL POLYCYSTIC KIDNEY DISEASE (ADPKD) RELATED DISEASE BURDEN: ADPKD-IMPACT SCALE (ADPKD-IS) AND ADPKD-URINARY IMPACT SCALE (ADPKD-UIS)
Dorothée Oberdhan,1 Holly B Krasa,1 Rebecca Cheng,2 Ron D Hays,3 Arlene Chapman,4 Ronald Perrone,5 Jason C Cole.2
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SP210
PUBLIC HEALTH SURVEILLANCE OF CHRONIC KIDNEY DISEASE IN THE USA
Anca Tilea,1 Elizabeth Hedgeman,1 Diane Steffick,1 Annie Rein-Weston,3 Ta-nushree Banerjee,3 Neil Powe,2 Nilka Rios-Burrows,2 Desmond Williams,2 Rajiv Saran.1
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SP211
ASSOCIATION OF EXERCISE WITH PROTEINURIA IN A LARGE JAPANESE GENERAL POPULATION SAMPLE
Yasuyuki Nagasawa,1,2 Ryuohei Yamamoto,2 Maki Shinzawa,2 Yukiko Hasei,1 Takahiro Kuragano,1 Hiromi Rakuji,2 Yoshitaka Isaka,2 Takeshi Nakashima,1 Kunitoshi Iseki,3 Kunihiro Yamagata,3 Kazuhiko Tsuaya,3 Hideaki Yoshida,3 Shouichi Fujimoto,3 Koichi Asahi,3 Tsuyoshi Watanabe,3 Toshiki Moriyama.2,3
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SP212
EDUCATING PATIENTS ABOUT DIALYSIS MODALITY OPTIONS: LACK OF EVIDENCE OVER WHAT DETERMINES EFFECTIVE EDUCATION SYSTEMS
Simone Warren,1 Peter Rutherford,2 Judith Van Den Bosch.1
1Pallas, Rotterdam, Netherlands; 2Baxter Healthcare SA, Zurich, Switzerland.

SP213
CHRONIC PAIN AND DEPRESSIVE SYMPTOMS IN 6-YEAR SURVIVAL OF MAINTENANCE HEMODIALYSIS PATIENTS
Mariusz Kusztal,1 Ewa Trafidlo,2 Katarzyna Madziarska,1 Hanna Augustyniak-Bartosik,1 Tomasz Golebiowski,1 Magdalena Krajewska,1 Joanna Rymaszewska,4 Waclaw Weyde,3 Marian Klinger.1
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SP214
HORSESHOE-SHAPED ASSOCIATION BETWEEN BODY MASS INDEX AND PROTEINURIA IN A LARGE JAPANESE GENERAL POPULATION SAMPLE
Yuji Sato,1 Shouichi Fujimoto,2 Tsuneo Konta,3 Kunitoshi Iseki,1 Toshiki Mori-ryama,1 Kunihiro Yamagata,1 Kazuhiko Tsuuya,1 Hideaki Yoshida,1 Koichi Asahi,1 Issei Kurahashi,2 Yasuo Ohashi,3 Tsuyoshi Watanabe.1
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SP215
A NOVEL APPROACH TO MANAGING CHRONIC KIDNEY DISEASE: REMOTE MONITORING
Ingi Elsayed,1 Arif Khwaja,1 Sue Siddall,1 Frances Mortimer.2
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SP216
A MILD DECREASE IN RENAL FUNCTION WITHOUT EVIDENCE OF THROMBOTIC MICROANGIOPATHY IS COMMON IN CANCER PATIENTS RECEIVING SHORT-TERM GEMCITABINE TREATMENT
Minoru Ando, Masaki Hara, Ken Tsuchiya, Kosaku Nitta.
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SP217
GFR ESTIMATION BY URINARY SOLUBLE MEGALIN
Akira Hiwatashi,1 Masahiro Hagiwara,1 Syuichi Tsuruoka,1 Joichi Usui,1 Kei Nagai,1 Hirayasu Kai,1 Naoki Morito,1 Chie Saito,1 Keigyo Yoh,1 Michihiro Hosojima,2 Akihiko Saito,2 Kunihiro Yamagata.1
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SP218
PROGRESSION OF CHRONIC KIDNEY DISEASE IN THE IRISH POPULATION: INITIAL FINDINGS FROM A NATIONAL SURVEILLANCE PROGRAMME
Austin G Stack,1,2 Tetyana Chernenko,1 Ahad A Abdalla,1,2 Rajiv Saran,3 Hoang T Nguyen,1 Elizabeth Hedgeman,3 Ailish Hannigan,1 Liam F Cresserly.2
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SP219
HEALTH RELATED QUALITY OF LIFE AMONG PREDIALYSIS CHRONIC KIDNEY DISEASE PATIENTS
Samar Abd Elhafeez,1 Zahira Gad,1 Sunny Sallam,1 Giovanni Tripepi,2 Carmine Zoccali,2 Hala Elwakil,3 Noha Awad.1
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SP220
BASELINE SERUM URIC ACID LEVELS AND CARDIOVASCULAR OUTCOMES IN PATIENTS WITH CKD
Elena Sestigiani,1 Dario Tedesco,2 Marcara Mandreoli,1 Giulia Ubaldi,1 Fabio Olmeda,3 Mattia Monti,4 Paola Ruoci,2 Dino Gibertoni,2 Antonio Santoro.1
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SP221
RENAL BIOPSY IN CHRONIC KIDNEY DISEASE: LESSONS FROM A LARGE ITALIAN REGISTRY
Gianluigi Zaza, Patrizia Bernich, Antonio Lupo.
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SP222
TNF-RECEPTOR 2 PREDICTS RENAL OUTCOME IN MILD TO MODERATE CKD IN UNIVARIATE ANALYSIS
Kyrill S Rogacev, Sarah Seiler, Adam M Zawada, Danilo Fiser, Gunnar H Heine.
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SP223
ORAL ANTIDIABETIC THERAPY AND KIDNEY FUNCTION IN THE BERLIN INITIATIVE STUDY
Antonios Dourou, Elke Schaeffner, Olga Jakob, Reinhold Kreutz, Natalie Ebert
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SP224
MORNING SURGE ON 24-HOUR BLOOD PRESSURE MONITORING MORE PRONOUNCED IN MILD CHRONIC KIDNEY DISEASE
Biljana Gerasimovska Kitanovska, Stevka Bogdanovska, Galina Severova Andrejevska, Vesna Gerasimovska, Aleksandar Sikole.
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SP225
COUNTRY-SPECIFIC PHOSPHATE BINDER TREATMENT PATTERNS AND TREATMENT DYNAMICS IN PATIENTS WITH CKD Viatcheslav Rakov, Frank Schiepe.
Vifor Pharma, Glattbrugg, Switzerland.

SP226
PREVALENCE OF CHRONIC KIDNEY DISEASE IN POLAND.
Boleslaw Rutkowski, Tomasz Zdrojewski, Piotr Bandyk, Lukasz Zdrojewski, Marcin Rutkowski, Zbigniew Gaciong, Bogdan Solnica, Tadeusz Jedrzejczyk, Ewa Krol, Bogdan Wyrzykowski.
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SP227
HYPERURICEMIA IS NOT ASSOCIATED WITH DECLINE OF KIDNEY FUNCTION IN PRE-DIALYSIS PATIENTS.
Hakan Nacak, Merel Van Diepen, Moniek C.M. De Goeij, Friedo W Dekker.
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SP228
THE ROLE AND RELATED FACTOR ANALYSIS OF URINARY EXCRETION OF URIC ACID IN THE JAPANESE GENERAL POPULATION.
Dept Cardiology, Pulmonology and Nephrology, Yamagata Univ School Medicine, Yamagata, Japan.

SP229
ASSESSMENT OF LEVEL OF SELF-ESTEEM HEMODIALYSIS PATIENTS IN THREE OUTPATIENTS DIALYSIS CENTERS IN CHILE
Rene Clavero, Nieves Vasquez, Beatriz Tapia, Tatiana Aldunate.
Centro Renal, Quilpue, Chile.

SP230
THE USAGE OF DRUGS INCLUDING NONSTEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDS) IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Zbigniew Heleniak, Magdalena Cieplinska, Magdalena Pryczkowska, Tomasz Szychlinski, Ewa Bartosinska, Hanna Wiatr, Hanna Kotlowska, Leszek Tylicki, Bolesaw Rutkowski.
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SP231
IMPROVING ASCERTAINMENT OF CHRONIC KIDNEY DISEASE WITH LAB-BASED CASE-FINDING
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SP232  
EFFECT ON UREMIC TOXINS ON OXIDATIVE STRESS CAUSED BY NADP OXIDASE ACTIVITY  
Vera Jankowski, Anna Schulz, Walter Zidek, Joachim Jankowski.  
Med. Clinic IV, Charité-Universmedizin Berlin, Berlin, Germany.

SP233  
SERUM URIC ACID LEVEL AND LONG TERM SURVIVAL IN DIALYSIS PATIENTS  
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SP234  
PATIENTS OVER 75 YEAR FOLLOWED IN PREDIALYSIS CLINIC. GERIATRIC ASSESSMENT  
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SP235  
SURPRISINGLY HIGH PREVALENCE OF CHRONIC KIDNEY DISEASE NOT ONLY IN CROATIAN ENDEMIC NEPHROPATHY AREA BUT ALSO IN NON ENDEMIC VILLAGES  
Vedran Premuzic,1 Ana Vrdoljak,1 Mirjana Fucek,2 Sandra Karanovic,1 Ivana Vukovic-Lela,1 Jelena Kos,1 Margareta Fistrek,1 Zivka Dika,1 Ante Cvitkovic,3 Dražana Juric,3 Mario Laganovic,1 Dunja Rogic,2 Lea Katalinic,1 Bojan Jelakovic,1  
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SP236  
HIGH PREVALENCE OF ADVANCED CKD STAGES, BUT NO DIFFERENCES IN EARLY PHASES OF CKD IN ENDEMIC NEPHROPATHY COMPARED TO NON-ENDEMIC VILLAGES  
Ana Vrdoljak,1 Mirjana Fucek,2 Vedran Premuzic,1 Sandra Karanovic,1 Ivana Vukovic-Lela,1 Jelena Kos,1 Margareta Fistrek,1 Ante Cvitkovic,3 Bojan Jelakovic,1  
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SP237  
HIGH-NORMAL PROTEINURIA: RISK OF RENAL DISORDER IN FAMILIAL MEDITERRANEAN FEVER  
Serpil Muge Deger,1 Kursad Onec,1 Ulver Boztepe Derici,1 Galip Guz,1 Mehmet Akif Ozturk,2 Sukru Sindel,1 Turgay Arinsoy.1  
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SP238  
ALBUMINURIA AND 25-HYDROXYVITAMIN D IN PATIENTS WITH CHRONIC KIDNEY DISEASE  
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SP239  
FREQUENCY AND SIGNIFICANCE OF QT PROLONGATION AND QT DISPERSION IN CHRONIC RENAL FAILURE PATIENTS  
Reneta Koycheva,1 Vasil Cholakov,2 Margarit Penev,3 Jivko Andreev,3 Rosen Iliev.2  
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SP240
STRATEGIES TO PREVENT KIDNEY DAMAGE IN HOSPIZED PATIENTS: A SYSTEM THAT PROTECT PATIENTS FROM NEPHROTOXIC DRUGS AND CONTRAST MEDIA STUDIES.
Manuel Macia, Ana Jarque, Nieves Del Castillo, Maria Luisa Mendez, Jose Antonio Martin, Enrique Tevar, Carlos Bermudez.
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SP241
FASTING THE MONTH OF RAMADAN FOR PATIENTS WITH CHRONIC KIDNEY DISEASE: IMPACT ON KIDNEY FUNCTION AND CARDIOVASCULAR OUTCOMES
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SP242
PRE-DIALYSIS CARE AND RATE OF PROGRESSION OF RENAL DISEASE: EXPERIENCE OF AN OUTREACH RENAL PRE DIALYSIS SERVICE
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SP243
KEEP IN INDIA
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SP244
KIDNEY PROTECTION PROGRAM IN ALEXANDRIA REGION (KIPP- ALEX): THE FIRST EDUCATIONAL PROGRAM AMONG UNDERGRAD MEDICAL STUDENTS TO SCREEN FOR MAJOR NON COMMUNICABLE DISEASES (NCD’S)
Hala S El-Wakil, Samir H Asaad, Moustafa M Nawar, Ahmed G Adam, Mona M Abdel-Gawad.
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CKD-MBD - A

SP245
PROSPECTIVE, RANDOMIZED, CONTROLLED TRIAL: COMPARISON OF TOTAL PARATHYREOIDECTOMY WITHOUT AUTOTRANSPANTATION AND WITHOUT THYMECTOMY VERSUS SUBTOTAL PARATHYREOIDECTOMY WITH THYMECTOMY FOR RENAL HYPERPARATHYROIDISM
Sylvia Stracke,1 Michael Sonntagbauer,2 Christian Aymanns,1 Thomas Dabers,1 Gregor Cammerer,3 Doris Henne-Brüns,3 Peter Würl,4 Frieder Keller.2 1Nephrology, Univ Medicine Greifswald, Greifswald, Germany; 2Nephrology, General and Transplant Surgery, Univ Hosp Ulm, Ulm, Germany; 4General Surgery, Diakoniewerk, Halle, Germany.

SP246
REGIONAL ANALYSIS OF BASELINE CHARACTERISTICS IN A PHASE 3 STUDY OF PA21, A NOVEL IRON-BASED PHOSPHATE BINDER
Jürgen Floege,1 Adrian Covic,2 Markus Ketteler,3 Anjay Rastogi,4 Edward Chong,5 Laura Lisk,5 Stuart Sprague.6 1RWTH Univ Hosp Aachen, Aachen, Germany; 2Gr.T. Popa Univ Medicine and Pharmacy, Iasi, Romania; 3Coburg Clinic and KH-Dialysis Center, Coburg, Germany; 4Univ California, Los Angeles, CA, USA; 5Vifor Pharma, Glattbrugg, Switzerland; 6NorthShore Univ Health System, Evanston, IL, USA.

SP247
PA21, A NOVEL IRON-BASED PHOSPHATE BINDER, SHOWED NO INTERACTION WITH FAT-SOLUBLE VITAMINS IN A PHASE 3 STUDY
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SP248
NO INTERACTION OF NOVEL IRON-BASED PHOSPHATE BINDER PA21 WITH LOSARTAN, FUROSEMIDE, OMEPRAZOLE, DIGOXIN OR WARFARIN IN HEALTHY SUBJECTS
Edward Chong,1 Felix Funk,1 Veena Kalia,1 Sandra Willisse,2 Peter Winkle.3 1Vifor Pharma, Glattbrugg, Switzerland; 2PRA International, Lenexa, KS, USA; 3Anaheim Clinical Trials, Anaheim, CA, USA.

SP249
EFFECT OF CHITOSAN LOADED CHEWING GUM ON SERUM PHOSPHATE IN CKD
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SP250
HYPERPHOSPHATEMIA AS AN INDICATOR FOR INITIATING RENAL REPLACEMENT THERAPY
Yueh-An Lu,1 Yen-Chun Liu,2 Shen-Yang Lee,1,2,3 Hsiang-Hao Hsu,1,2,3,4 Yung-Chang Chen,1,2,3,4 Chun-Chen Yu,1,2,3,4 Cheng-Chieh Hung,1,2,3,4 Chih-Wei Yang,1,2,3,4 1Dept Internal Medicine, Chang Gung Memorial Hosp, Linkou, Taiwan Rep China; 2College and School Medicine, Chang Gung Univ, Kweishan, Taiwan Rep China; 3Dept Nephrology, 4Kidney Research Center, Chang Gung Memorial Hosp, Linkou, Taiwan Rep China.
SP251 DEVELOPMENT OF A NOVEL INTRAVENOUS CALCIMIMETIC FOR END STAGE RENAL DISEASE (ESRD) PATIENTS ON DIALYSIS
Vidula Dixit,1 Lin Cheng,1 John Zhang,1 Elizabeth Tonkin,1 Rajasekhar Jaladi,1 Palakshi Obalapur,1 Shashidhar Dodd,1 Wisnu Shrivastava,1 Suresh Dama,1 Sai Kesana,1 Dennis Fry,1 Werner Rubas,1 David Martin,2 Jennifer Riggs,1 Seema Kantak,1 Stephen Harrison,1 Steve Doberstein.1
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SP252 SERUM LEVELS OF SCLEROSTIN IN RENAL TRANSPLANTATION
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SP253 SERUM LEVELS OF FAT-SOLUBLE VITAMIN D AND VITAMIN K IN SEVELAMER TREATED END STAGE RENAL DISEASE PATIENTS
Maria Fusaro,1 Marianna Noale,1 Giovanni Tripepi,2 Antonio Piccoli,3 Ago-stino Naso,4 Sandro Giannino,5 Davide Miozzo,3 Chiara Venturrelli,6 Angelo Pica,6 Giuliano Brunori,6 Rosalba Cristofaro,3 Maurizio Gallieni.7
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SP254 METABOLIC SYNDROME AND CHRONIC KIDNEY DISEASE, AS RISK FACTORS OF OSTEOPOROSIS
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SP255 CORRELATIONS BETWEEN LEPTIN AND BONE MICROARCHITECTURE IN HEMODIALYSIS PATIENTS.
Janaina Martins,1 João Henrique Castro,2 Barbara Vogt,2 Rogerio Oliveira,3 Vanda Jorgetti,4 Jacqueline Teixeira Caramori,2
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SP256 THIRD GENERATION BIO-INTACT PTH ASSAYS (1-84) PRODUCE RESULTS WHICH ARE BETTER CORRELATED WITH TRADITIONAL BIO-CHEMICAL PARAMETERS IN DIALYSIS PATIENTS THAN DO SECOND-GENERATION INTACT PTH ASSAYS – IS IT TIME TO MOVE ON AND CHANGE OVER?
Paul Scully,1 Deirdre O’flaherty,2 Arun Sankaralingam,2 Geeta Hampson,2 David J Goldsmith.1
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SP257 ORAL PARICALCITOL IN CHRONIC KIDNEY DISEASE (CKD) PATIENTS STAGE 3-5 AND SECONDARY HYPERPARATHYROIDISM (SHPT). A ONE-YEAR PROSPECTIVE STUDY
Dimitrios Hadiyannacos,1 George Milatos,1 Vassilis Filipooulos,1 Macroui Sonikian,1 Ioannis Karatzas,2 Dimothenis Vlassopoulos,1
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SP258
CASE SERIES OF DENOSUMAB AND ITS EFFECTS ON SERUM CALCIUM LEVELS IN DIALYSIS PATIENTS
Asad Ullah, Khaled Abdulnabi, Paul Gallagher, Atif Khalil, John Alexander, Vinita Mishra, Pearl Pai.
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SP259
VITAMIN D (25(OH)D AND 1,25(OH)2D3) LEVELS AND ABDOMINAL AORTIC CALCIFICATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Gun Woo Kang, Ki Sung Ahn, In Hee Lee.
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SP260
PREDICTORS OF NUTRITIONAL RESILIENCE AND EFFECTS OF HOSPITALIZATION ON NUTRITIONAL PARAMETERS IN HEMODIALYSIS PATIENTS
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SP261
ABNORMAL HIGH-DENSITY LIPOPROTEIN INDUCES ENDOTHELIAL DYSFUNCTION AND HYPERTENSION VIA ACTIVATION OF TOLL-LIKE RECEPTOR-2
Thimoteus Speer,1 Lucia Rohrer,2 Przemek Blyszczuk,3 Nicole Kränkel,3 Stephen Zewinger,1 Tina Martin,1 Arnold Von Eckardstein,2 Thomas Lüscher,3 Ulf Landmesser,3 Danilo Fiser.1
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SP262
FACTORS AFFECTING THE RESPONSE TO FERRIC CARBOXYMALTOSE IN NONDIALYSIS CHRONIC KIDNEY DISEASE PATIENTS. THE ROLE OF OXIDATIVE STRESS
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SP263
FACTORS AFFECTING THE RESPONSE TO FERRIC CARBOXYMALTOSE IN NONDIALYSIS CHRONIC KIDNEY DISEASE PATIENTS. THE ROLE OF OXIDATIVE STRESS
Merche Prats,1 Ramon Font,1 Carmen Garcia,1 Carmen Cabré,1 Manel Jardà,2 Alberto Martinez Vea.1
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SP264
POTENTIAL BENEFICIAL EFFECTS OF BILIRUBIN IN HEMODIALYSIS PATIENTS
Maria Do Sameiro-Faria,1,2 Michaela Kohlova,3 Sandra Ribeiro,4,5 Petronila Rocha-Pereira,5,6 João Fernandes,3,5 Henrique Nascimento,4,5 Flávio Reis,3 Vasco Miranda,2 Elsa Bronze-Da-Rocha,4,5 Alexandre Quintanilha,1,5 Luis Belo,1,2 Alice Santos-Silva.1,2
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SP265
A PRO-INFLAMMATORY CHANGE IN NUMBERS OF MONOCYTE AND DENDRITIC CELL SUBTYPES OCCURS EARLY IN THE COURSE OF CKD
Eva Schepers, Griet Glorieux, Tim Van Den Abeele, Nathalie Neirynck, Raymond Vanholder.
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SP266
DOES BETA-2-MICROGLOBULIN EXERT A VASCULAR DAMAGING EFFECT BY ACTIVATING LEUKOCYTES?
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POSTERS

SP267
RESISTIN LEVELS AND PROTEIN ENERGY WASTING OF PATIENTS WITH CHRONIC KIDNEY DISEASE: IS THERE ANY INTERACTION?
Kubra Kaynar, Birgul Vanizor Kural, Sukru Ulusoy, Muammer Cansiz, Buket Akcan, Nuray Misir, Selcuk Yaman, Nuh Kaya
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SP268
MATRIX METALLOPROTEINASE-2 IS ASSOCIATED WITH OXIDATIVE STRESS IN PATIENTS WITH EARLY STAGES OF TYPE II DIABETIC NEPHROPATHY
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SP269
THE IMPACT OF DIETARY FRUCTOSE INCREASE ON MARKERS OF KIDNEY INJURY AND INFLAMMATION IN UNINEPHRECTOMIZED RATS
Mariusz Flisiński, Andrzej Brymora, Anna Stańkowska, Paweł Stróżecki, Jacek Maniutis
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SP270
OXIDATIVE STRESS, ANTI-OXIDANT ACTIVITY IN PATIENTS WITH GOUT AND WITH/WITHOUT CHRONIC KIDNEY DISEASE
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SP271
IMPACT OF BODY MASS INDEX ON THE PROGRESSION OF CHRONIC KIDNEY DISEASE
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SP272
CIGARETTE SMOKE AND ENDOTHELIAL DYSFUNCTION: NGAL A NEW BIOMARKER
Maria Rosaria Fazio, Giorgio Basile, Silvia Lucisano, Gaetano Montalto, Cemarno Valeria, Valentina Donato, Rosaria Lupica, Domenico Trimboi, Carmela Aloisi, Michele Buemi
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SP273
ADMINISTRATION OF N-ACETYL-L-CYSTEINE CAUSES BENEFICIAL POSTTRANSLATIONAL MODIFICATIONS OF TRANSTHYRETIN IN HEMODIALYSIS PATIENTS
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SP274
ACTION OF NICOTINIC ACID ON ADIPONECTIN, LEPTIN AND PLASMINOGEN ACTIVATOR INHIBITOR 1 PRODUCTION AND EXPRESSION IN 3T3-L1 ADIPOCYTES UNDER OXYGEN DEPRIVATION
Renata Nakamichi, Erika Prates, Beata Marie Redublo Quinto, Maria Tereza Zanella, Marcelo Costa Batista.
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SP275
COPEPTIN AS A SERUM BIOMARKER OF URINARY TRACK INFECTIONS
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SP276
COST-EFFECTIVENESS ANALYSIS FOR THE TREATMENT OF CRONIC KIDNEY DISEASE WITH LOW PROTEIN DIET
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SP277
PREDICTORS ASSOCIATED TO LOWER LIMB ULCER IN PATIENTS WITH CHRONIC RENAL FAILURE
Simeone Andrulli, Chiara Chiavenna, Maria Carla Bigi, Flavia Tentori, Monica Crepaldi, Mauro Maria Corti, Cesare Dell’oro, Giuseppe Bacchini, Monica Limardo, Giuseppe Pontoriero.
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SP278
RELATIONSHIP OF NUTRITIONAL STATUS AND BIOIMPEDANCE PHASE ANGLE USING WHOLE BODY AND CALF MEASUREMENT IN HEALTHY SUBJECTS
Caroline Williams, Samer R Abbas, Fansan Zhu, César Flores-Gama, Jonathan Moskowitz, Cassandra Cartagena, Mary Carter, Nathan Levin, Peter Kotanko.
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SP279
THE CLINICAL IMPACT OF PLASMA LEPTIN LEVELS IN A COHORT OF CHRONIC KIDNEY DISEASE PATIENTS
Rodrigo B De Oliveira,1 Sophie Liaubeuf,1,2 Hirokazu Okazaki,1 Aurelie Lenglet,1,2 Lucie Desjardins,2 Horst-Dieter Lemke,3 Raymond Valholder,4 Gabriel Choukroun,5 Ziad A. Massy.1,6
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SP280
PROTEINURIA AND SERUM VITAMIN E CORRELATE WITH PULSE WAVE VELOCITY (PWV) IN DIABETIC NON-DIALYSIS CHRONIC KIDNEY DISEASE (CKD) PATIENTS

SP281
POSITIVE ASSOCIATION OF SERUM LEVELS OF DIPEPTIDYL PEPTIDASE-4 WITH ADVANCED GLYICATION END PRODUCTS IN HUMANS
Kumiko Kaifu,1 Nobuhiro Tahara,1 Seiji Ueda,1 Sho-Ichi Yamagishi,2 Masayoshi Takeuchi,3 Seiya Okuda.1 1Dept Medicine, 2Dept Pathophysiology and Therapeutics of Diabetic Vascular Complications, Kurume Univ School Medicine, Kurume, Japan; 3Dept Advanced Medicine, Medical Research Inst, Kanazawa Medical Univ, Kanazawa, Japan.

SP282
THE INTERCELLULAR ADHESION MOLECULE-1 (ICAM-1) GENE POLYMORPHISM K469E IN TYPE 2 DIABETES PATIENTS WITH DIABETIC RETINOPATHY
Monika Buraczynska,1 Pawel Zukowski,1 Piotr Wacinski,2 Andrzej Ksiazek.1 1Dept Nephrology, 2Dept Cardiology, Medical Univ Lublin, Lublin, Poland.

SP283
COMPARISON BETWEEN DIAGNOSTIC PERFORMANCE OF RANDOM URINE SAMPLES USING ALBUMIN CONCENTRATION AND ALBUMIN TO CREATININE RATIO FOR DETECTING MICROALBUMINURIA IN DIABETIC PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS
Hon-Yen Wu,1 Yu-Sen Peng,1 Kuan-Yu Hung,2 Kwan-Dun Wu,2 Yu-Kang Tu,3 Kuo-Liong Chien.3 1Internal Medicine, Far Eastern Memorial Hosp, New Taipei City, Taiwan Rep China; 2Internal Medicine, National Taiwan Univ Hosp, Taipei, Taiwan Rep China; 3Grad Inst Epidemiology and Preventive Medicine, National Taiwan Univ, Taipei, Taiwan Rep China.

SP284
THE PROGRESSION OF RENAL DAMAGE IN TYPE 2 DIABETES MELLITUS (T2D) CORRELATES WITH THE INCREASED EXCRETION OF UBIQUITINATED PROTEINS: REPORT OF A PROTEOMIC STUDY
Massimo Papale,1 Grazia Vocino,1 Salvatore Di Paolo,2 Paola Pontrelli,3 Francesca Conserva,3 Maria Teresa Rocchetti,3 Giuseppe Grandaliano,1 Salvatore De Cosmo,4 Loreto Gesualdo.3 1Surgery and Medical Sciences, Univ Foggia, Foggia, Italy; 2Nephrology, D Miccoli Hosp, Barletta, Italy; 3D.E.T.O, Univ Bari, Bari, Italy; 4Endocrinology, Casa Sollievo della Sofferenza Hosp, San Giovanni Rotondo, Italy.

SP285
TOTAL AND LDL CHOLESTEROL ARE ASSOCIATED WITH GLOMERULAR FILTRATION RATE IN NORMOALBUMINURIC TYPE 1 DIABETIC PATIENTS
Ingrid Prkačin,2 Lea Duvnjak,1 Tomislav Bulum.1 1Vuk Vrhovac Clinic Diabetes, Endocrinology and Metabolic Diseases, 2Dept Internal Medicine, Merkur Univ Hosp, Univ Zagreb, School Medicine, Zagreb, Croatia.

SP286
LOWER LEVELS OF TOTAL HDL AND HDL3 CHOLESTEROL ARE ASSOCIATED WITH ALBUMINURIA IN NORMOALBUMINURIC TYPE 1 DIABETIC PATIENTS
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SP287

CUTANEOUS ADVANCED GLYCAATION END PRODUCTS (AGEs) – A PREDICTOR OF DIABETIC NEPHROPATHY?
Konstantin Dumann,1 Britta Hörmann,1 Alexander Lammert,2 Mathias Gorski,1 Bernhard K. Krämer,2 Iris M. Heid,1,3 Carsten A. Böger,1 Diacore Study Group,1,2
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SP288

EVALUATION OF ROLE OF DOXYCYCLINE (A MATRIX METALLOPROTEINASE INHIBITOR) ON RENAL FUNCTIONS IN PATIENTS OF DIABETIC NEPHROPATHY
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SP289

RELATIONSHIP OF ENDOTHELIAL CELL SELECTIVE ADHESION MOLECULE TO MARKERS OF OXIDATIVE STRESS IN TYPE 2 DIABETES
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SP290

ABO BLOOD GROUPS RELATE WITH DIABETIC NEPHROPATHY
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SP291

EVALUATION OF RENAL BIOPSIES IN THE TYPE 2 DIABETIC PATIENTS
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SP292

IS THERE A DIFFERENCE IN PROGRESSION OF RENAL DISEASE BETWEEN SOUTH ASIAN AND WHITE EUROPEAN DIABETIC PATIENTS WITH MODERATELY REDUCED KIDNEY FUNCTION?
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SP293

CIRCULATING RENIN ANGIOTENSIN AND KALLIKEIN KININ SYSTEMS IN OBESITY
Fernanda Barrinha Fernandes, Adriana Barrinha Fernandes, Andréia Cristina Da Silva Febba, Maria Sylvia De Souza Vitalle, Flávia Fernandes Jung, Dulce Elena Casarini.
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SP294

CHARLSON COMORBIDITY INDEX HELPS PREDICT THE RISK OF MORTALITY FOR PATIENTS WITH TYPE 2 DIABETIC NEPHROPATHY
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SP295

GLYCATED ALBUMIN AS A MORE RELIABLE PARAMETER OF GLYCEMIC CONTROL IN HEMODIALYSIS PATIENTS WITH DIABETES MELLITUS
Ana Bulatovic,1 Jovan Popovic,1 Katarina Ille,2 Svetlana Jelic,3 Teodora Beljic Zivkovic,3 Nada Dimkovic.1
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SP296
EMPHYSEMATOUS PYELONEPHRITIS IN TYPE 2 DIABETES MELLITUS PATIENTS: A PROSPECTIVE STUDY
Harbir Singh Kohli, Raja Ramachandran, Sravan Kumar, V Jha, V V Sakhuja. Nephrology, PGIMER, Chandigarh, India.

SP297
IMPAIRED RESPONSE OF FIBROBLAST GROWTH FACTOR (FGF)-23 INCREMENT TO ORAL PHOSPHATE LOADING IN CKD PATIENTS WITH TYPE 2 DIABETES MELLITUS (DM): POSSIBLE MECHANISM OF ATHEROSCLEROSIS
Kae Hamamoto,2 Masaaki Inaba,2 Shinsuke Yamada,2 Kouchirou Yoda,2 Yasuhide Uchimura,2 Masanori Emoto,2 Senji Okuno,1 Shigeichi Shoji,1 1Shirasagi Hosp, Osaka, Japan; 2Metabolism, Endocrinology, and Molecular Medicine, Osaka City Univ Grad School Medicine, Osaka, Japan.

SP298
INSULIN-RESISTANCE INDEX AND INFLAMMATION: NEW PREDICTORS OF CAROTID ARTERY INTIMA-MEDIA THICKNESS
Ana Paula Silva,1 Andre Fragoso,1 Ana Pinho,1 Claudia Silva,2 Nélio Santos,2 Marília Faisca,1 Pedro Leão Neves.1
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SP299
METABOLIC SYNDROME AND CALCIUM NEPHROLITHIASIS
Giovanna Capolongo, Arianna Restivo, Maria Pluvio, Giovambattista Capasso. Nephrology, Second Univ Naples, Naples, Italy.

SP300
FACTORS PREDICTING INCREASED URINE EXCRETION IN PATIENTS WITH TYPE 2 DIABETES
Babawale T Bello, Omolara M Mabayoje, Oluwatoyin C Amira. Dept Medicine, College Medicine, Univ Lagos, Iki-Araba, Lagos, Nigeria.

SP301
THE EFFECT OF HYPERGLYCEMIA ON PHOSPHORUS AND MAGNESIUM URINE LOSSES IN DIABETIC PATIENTS

SP302
ARE TRIPlicate URINE SAMPLES NECESSARY TO ASSESS ALBUMINURIA?
Abbass Deeb,1 Philippe Zaoui,2 Salima Le Penven,1 David Tartry,2 Michel Ducher,1 Jean-Pierre Fauvel.1
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SP303
DIAGNOSIS AND PREVALENCE OF NON DIABETIC RENAL DISEASES IN PATIENTS WITH DIABETES: A TWENTY YEARS EXPERIENCE
Andrea Angioi,1 Anna Maria Asunis,2 Riccardo Cao,1 Alice Atzeni,1 Maurizio Conti,1 Matteo Floris,1 Patrizia Melis,1 Gianfranco Pili,1 Dolores Piras,1 Gianbenedetto Pirreda,1 Antonello Pani.1
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SP304
ASSOCIATION OF SERUM OSTEOPROTEGERIN WITH VASCULAR CALCIFICATION IN PATIENTS WITH TYPE 2 DIABETES
Miho Murata, San-E Ishikawa, Atsushi Aoki. Dept Medicine, Jichi Medical Univ Saitama Medical Center, Saitama, Japan.
SP305
THE RELATIONSHIP BETWEEN NEUTROPHIL/LYMPHOCYTE RATIO, ANEMIA AND ALBUMINURIA IN DIABETIC PATIENTS
Aydin Unal,1 Ismail Kocyigit,1 Ilkcan Cerci,2 Ender Dogan,2 Tamer Arikan,1 Murat Hayri Sipahioglu,1 Bulent Tokgoz,1 Oktay Oymak,1
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SP306
EARLY MORTALITY IN HEMODIALYSIS DIABETIC PATIENTS.
Katarzyna Madziarska,1 Krzysztof Letachowicz,1 Tomasz Golebiowski,1 Sławomir C. Zmonarski,1 Magdalena Krajewska,1 Waldemar Letachowicz,1 Józef Penar,1 Mariusz Kusztal,1 Hanna Augustynia-Bartosik,1 Renata Klak,1 Waclaw Weyde,2 Marian Klinger,1
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SP307
EFFICACY AND SAFETY OF TELMISARTAN, CLOPIDOGRELIN, AND LEFLUNOMIDE IN PATIENTS WITH IgA NEPHROPATHY – A MULTICENTRE, PROSPECTIVE, RANDOMIZED, DOUBLE-BLIND AND -DUMMY CONTROLLED CLINICAL TRIAL
Jie Wu, Shuwei Duan, Wenge Li, Yaping Wang, Wenhu Liu, Jianrong Zhang, Lide Lun, Xuelei Li, Chunhua Zhou, Ying Zheng, Shuwen Liu, Yuansheng Xie, Guangyan Cai, Xiangmei Chen.
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SP308
A PROSPECTIVE RANDOMIZED STUDY ON THE EFFICACY OF CORTICOSTEROID COMBINED WITH CYCLOPHOSPHAMIDE OR FK506 IN PRIMARY IgA NEPHROPATHY WITH MILD OR MODERATE RENAL INJURY
Pingyan Shen, Ya Li, Zhaoqiu Wang, Weiming Wang, Hong Ren, Wen Zhang, Nan Chen.
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SP309
RELATIONSHIP BETWEEN THE BODY MASS INDEX AND THE PROGRESSION OF IgA NEPHROPATHY EVEN IN LEAN INDIVIDUALS
Div Nephrology, Dept Medicine, Juntendo Univ Fac Medicine, Tokyo, Japan.

SP310
ALTERED MONOCYTE GENE EXPRESSION AND EXPANSION OF CD14+CD16+ CELL SUBSET IN IgA NEPHROPATHY PATIENTS
Sharon N Cox,1 Grazia Serino,1 Fabio Sallustio,1,2,3 Francesco Pesce,1,4 Francesco P Schena,1,2
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SP311
RELIABILITY OF STATISTICAL MODELS TO PREDICT AN IgA NEPHROPATHY
Emilie Kalbacher,1 Michel Ducher,1 Denis Fouque,1 Brigitte Macgregor,1 Francois Combarons,2 Jean Pierre Faucet,1
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SP312
CORTICOSTEROID THERAPY IS THE MOST IMPORTANT FACTOR INFLUENCING TA PROTEINURIA AND RENAL SURVIVAL IN IgA NEPHROPATHY (IgAN)
C Sarcina,1 F Ferrario,1 V Terraneo,1 A Pani,2 G B Fogazzi,3 B Visciano,1 I De Simone,1 F Rastelli,1 C Pozzi,1
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SP313
HIGH SERUM AND URINE NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) LEVEL IS AN INDEPENDENT PREDICTOR OF RENAL PROGRESSION IN PATIENTS WITH IgA NEPHROPATHY
Ihm Soo Kwak,1 Eun Young Seong,1 Harin Rhee,1 Dong Won Lee,2 Soo Bong Lee,2 Byung Yoon Yang,1 Min Ji Shin,1 Il Young Kim,2
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SP314
UP-REGULATION OF URINARY MARKERS PREDICTS OUTCOME OF IgA NEPHROPATHY BUT THEIR PREDICTIVE VALUE IS INFLUENCED BY TREATMENT WITH IMMUNOSUPPRESSION
Maria J Stangou,1 Christos Bantis,1 Stratis Kasimatis,1 Maria Skoularopoulou,1 George Toukeridis,1 Afrordi Pantzaki,2 Aikaterini Papagianni,1 George Efstratiadis.1
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SP315
EFFECT OF LEUKEMIA INHIBITORY FACTOR (LIF) ON IgA1-PRODUCING CELLS FROM TONSILS OF PATIENTS WITH IgA NEPHROPATHY (IgAN)
Koshi Yamada,1,2 Hitoshi Suzuki,1,2 Yusuke Suzuki,2 Milan Raska,1,3 Zhi-Qiang Huang,1 Colin Reily,1 Zina Moldoveanu,1 Krzysztof Kiryluk,4 Bruce A. Julian,1 Yasuhiko Tomino,2 Ali G. Charavi,4 Ian Novak.1
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SP316
TONSILLECTOMY IN A PAN-EUROPEAN COHORT OF 1147 PATIENTS WITH IgA NEPHROPATHY.
Roberta Camilla, Rosanna Coppo, Shubha Bellur, Daniel Catrann, Terence Cook, John Feihally, Stephan Troyanov, Ian Roberts, Luca Vergano, Laura Morando. On behalf of VALIGA study group, Italy.

SP317
RISK OF PROGRESSION OF IgA NEPHROPATHY (IgAN) IN CHILDREN BASED ON OXFORD CLASSIFICATION (OC) AND IgA/C3 SERUM RATIO
Malgorzata Mizerska-Wasiak,1 Jadwiga Malidayk,2 Agnieszka Rybi-Szuminska,3 Agnieszka Firszt-Adamiczyk,4 Beata Bienias,5 Katarzyna Gadowska-Prokop,6 Ryszard Grenda,6 Malgorzata Fajaczkowska,5 Roman Stankiewicz,4 Anna Wasielewska,5 Maria Roszkowska-Blaim.1
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SP318
CRESCENTS IN IgA NEPHROPATHY: A CLINICAL-PATHOLOGICAL STUDY
Xiaoyan Zhang, Jingyuan Xie, Weiming Wang, Xiaoxia Pan, Shanmai Guo, Pingyan Shen, Wen Zhang, Nan Chen.
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SP319
EVALUATION OF CELIAC DISEASE IN CHILDREN WITH HENOCH SCHONLEIN PURPURA
Alper Soylu,1 Yeşim Öztürk,1 Yavuz Doğan,2 Derya Özmen,1 Özlem Yılmaz,2 Salih Kavukçu.1
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SP320
PLASMA NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN AS A NEW INDEPENDENT PREDICTOR OF PROGNOSIS IN PATIENTS WITH IgA NEPHROPATHY
Ji-Young Choi,1,2 Ga-Young Park,1,2 Hee Yeon Jung,1,2 Kyung Hoon Kim,1,2 Owen Kwon,1,2 Jang-Hee Cho,1,2 Chan-Duck Kim,1,2 Yong-Lim Kim,1,2 Sun-Hee Park.1,2
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SP321
THE ABSOLUTE RENAL RISK OF DIALYSIS/DEATH IS VALIDATED IN ADULTS WITH IgA NEPHROPATHY SECONDARY TO HENOCH-SCHÖNLEIN PURPURA: A MONOCENTRIC COHORT STUDY
Francois C Berthoux, Hesham Mohey, Blandine Laurent, Christophe Mariat. Nephrology, Dialysis, and Renal Transplantation, Univ Hosp Saint-Etienne, Saint-Etienne, France.

SP322
RE-EVALUATION OF CHINESE ANCA-ASSOCIATED RENAL VASCULITIS PATIENTS WITH HISTOPATHOLOGICAL CLASSIFICATION
Yong-Xi Chen, Wen Zhang, Jing Xu, Nan Chen. Dept Nephrology, Ruijin Hosp, Shanghai, Shanghai, China.

SP323
SERUM SOLUBLE LECTIN-LIKE LOW-DENSITY LIPOPROTEIN-1 RECEPTOR IN ANCA-ASSOCIATED RENAL VASCULITIS
Dóra Bajcsi,1 Ágnes Haris,3 György Abrahám,1 Péter Légrády,1 Kálmán Polner,3 Benedek Rónaszéki,1 Zsolt Balla,1 Zoltán Rakonczay,1 Béla Iványi,2 Sándor Sonkodi,1
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SP324
INCIDENCE AND OUTCOMES OF RENAL ANCA-ASSOCIATED VASCULITIS IN SOUTHWEST IRELAND 2007-2012
Philip H Bredin,1 Mark Canney,2 Claire Kennedy,2 Liam D Plant,2 Michael R Clarkson.1
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SP325
RITUXIMAB MONOTHERAPY (WITHOUT CYCLOPHOSPHAMIDE) IN ANCA ASSOCIATED VASCULITIS IN PATIENTS WITH SERUM CREATININE ABOVE AND BELOW 500 µMOL/L

SP326
CARDIOVASCULAR OUTCOMES AND PROGNOSTIC PREDICTORS IN ANCA-ASSOCIATED VASCULITIS
Claudia Yuste,1 Alina Casian,2 Cristina Jironda,3 David Jayne.2
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SP327
RITAZAREM: AN INTERNATIONAL, OPEN LABEL, RANDOMISED CONTROLLED TRIAL COMPARING RITUXIMAB WITH AZATHIOPRINE AS MAINTENANCE THERAPY IN RELAPSING ANCA ASSOCIATED VASCULITIS
Rona Smith,1 Michelle Lewin,1 Rachel Jones,1 Peter Merkel,2 David Jayne.1
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SP328
ANTI-PHOSPHOLIPID NEPHROPATHY ONLY BELONGS TO MYAKIS I IIA CLASSES, ALWAYS IN ASSOCIATION WITH LUPUS ANTICOAGULANT, BUT NEVER ANTI-B2GPI ANTIBODIES
Cristina Izzo, Marco Quaglia, Elisabetta Radin, Andrea Airoldi, Roberta Fengo
glio, Elisa Lazzarich, Piero Stratta.
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SP329
THE DELETERIOUS IMPACT OF ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY ON THE OUTCOME OF LUPUS NEPHRITIS: A CASE-CONTROL STUDY
Vivian L. Onusic,1 Maria J Araujo,1 Liga C Battaini,1 Lecticia B Jorge,1 Cristiana B Dias,1 Myrthes Toledo-Barros,1 Rui Toledo-Barros,1 Viktoria Woronik.1 Nephrology, 2Clinical Immunology, Univ São Paulo, São Paulo, Brazil.

SP330
LUPUS NEPHRITIS AND PREGNANCY: MATERNAL AND FETAL OUTCOMES, RENAL RISK FACTORS, THERAPEUTIC PERSPECTIVES
Calogero L Cirami,1 Pamela Gallo,1 Elena Romoli,1 Federico Mecacci,2 Serena Simeone,2 Enrico E Minetti,1 Giorgio Mello.2 Nephrology Unit, 2Obstetric Unit, Careggi Hosp, Florence, Italy.

SP331
MYCOPHENOLATE AS MAINTENANCE THERAPY FOR LUPUS NEPHRITIS WITH IMPAIRED RENAL FUNCTION
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SP332
WHY HAVE OUTCOMES OF LUPUS NEPHRITIS BEEN IMPROVING OVER THE LAST 40 YEARS? A MONOCENTRIC EXPERIENCE.
Marco Quaglia, Elisabetta Radin, Cristina Izzo, Andrea Airoldi, Elisa Lazza-rich, Roberta Fenoglio, Piero Stratta. Translational Medicine, Amedeo Avogadro Univ, Maggiore della Carità Hosp, Nephrology and Transplantation, Novara, Italy.

SP333
CD68 POSITIVE CELLS IN RENAL BIOPSY PREDICT LONG TERM PROGNOSIS IN PROLIFERATIVE LUPUS NEPHRITIS
Cristiane Bitencourt Dias,1 Jin Lee,2 Letícia Jorge,1 Denise Malheiro,2 Rui Toledo Barros,1 Viktoria Woronik.1 Nefrologia, 2Patologia, Hosp Clínicas Fac Medicina Univ São Paulo, São Paulo, Brazil.

SP334
USAGE OF CYCLOSPORINE IN LUPUS NEPHRITIS CLASS III, IV AND V – ONE CENTRE EXPERIENCE
Elena V Zakharova,1 Ekaterina S Stolyarevich.2 Nephrology, City Clinical Hosp n.a. S.P. Botkin, Moscow, Russian Federation; 2Pathology, City Nephrology Center, Moscow, Russian Federation.

SP335
MYCOPHENOLATE MOFETIL TREATMENT FOR RESISTANT LUPUS NEPHRITIS: A SINGLE CENTER EXPERIENCE
Arzu Velioglu,1 Derya Guler,1 Serdar Nalcaci,1 Gurdal Birdal,1 Hakki Arikan,1 Mehmet Koc,1 Haner Direskeneli,2 Serhan Tuglular,1 Cetin Ozener.1 Nephrology, 2Rheumatology, Marmara Univ, School Medicine, Istanbul, Turkey.

SP336
RANDOM SPOT URINE PROTEIN/CREATININE RATIO: A RELIABLE METHOD FOR MONITORING LUPUS NEPHRITIS?
Maria Guedes Marques,1 Patrícia Cotovio,1 Francisco Ferrer,1 Cristina Silva,1 Carlos Botelho,1 Karina Lopes,1 Pedro Maia,1 Armando Carreira,1 Mário Campos.2 Nephrology, Centro Hosp Univ Coimbra - Hosp Geral, Coimbra, Portugal; 2Nephrology, Centro Hosp Univ Coimbra - HUC, Coimbra, Portugal.

SP337
URINARY NEUTROPHIL GELATINASE – ASSOCIATED LIPOCALIN (uNGL) AND MONOCYTE CHEMOTHACTRANT PROTEIN-1 (uMCP-1) IN LUPUS NEPHRITIS
Sabah Alharazy,1 Norella Ct Kong,1 Marlyn Mohammad,2 Shamsul A Shah,3 Halim A Gafor,1 Arbaiyah Ba’in.1 Medicine, 2Immunobiology & Microbiology, 3Biostatistics & Community Medicine, National Univ Malaysia, Cheras, Kuala Lumpur, Malaysia.
SP338
SECRETED PRODUCTS OF MACROPHAGES EXPOSED TO CALCIUM OXALATE CRYSTALS INDUCE EPITHELIAL MESENCHYMAL TRANSITION OF RENAL TUBULAR CELLS VIA RHOA-DEPENDENT TGF-β1 PATHWAY

SP339
25-HYDROXYVITAMIN D CAN REGULATE MINERAL METABOLISM IN A CKD MODEL OF 1aHYDROXYLASE KO MICE.
Noelia Torremade,1 René Bindels,2 Joost Hoenderop,2 Elvira Fernandez,1 Adriana Dusso,1 Jose M Valdivielso.1 1Nephrology Research Dept, IRBLleida, Univ Hosp Arnau de Vilanova, Lleida, Spain; 2Dept Physiology, Nijmegen Centre Molecular Life Sciences, Nijmegen, Netherlands.

SP340
THE LONG ACTING CALCIMIMETIC R-641 DOES NOT INDUCE ADYNA-MIC BONE DISEASE IN CHRONIC KIDNEY DISEASE
Thilo Krueger,1 Peter Boor,1 Cora Schafer,2 Ralf Westenfeld,1 Vincent Brandenburg,1 Georg Schlieper,1 Willi Jahnen-Dechent,2 Markus Ketteler,3 Webster lee,4 Xiaoqiong Li,5 Bill Richards,5 Jürgen Floege.1 1Nephrology and Clinical Immunology, RWTH Univ Clinic Aachen, Aachen, Germany; 2Biomedical Engineering, RWTH Univ Aachen, Aachen, Germany; 3Nephrology, Hosp Coburg, Coburg, Germany; 4Univ Utah, Salt Lake City, UT, USA; 5Amgen Inc., Thousand Oaks, CA, USA.

SP341
VITAMIN D DEFICIENCY IS ASSOCIATED WITH DOWNREGULATION OF KLOTHO AND DEVELOPMENT OF FIBROSIS IN A MURINE MODEL OF RENAL ISCHEMIA/REPERFUSION INJURY

SP342
BLOCKADE OF THE HOMEOSTATIC CHEMOKINE STROMAL DERIVED FACTOR-1 / CXCL-12 PREVENTS GLOMERULOSCLEROSIS DURING KIDNEY DISEASE

SP343
URINARY EXCRETION OF PODOCYTE'S DAMAGE AND SELF-DEFENSE FACTORS IN PATIENTS WITH CHRONIC GLOMERULONEPHRITIS (CGN)
Olga Eskova, Natalia Neprintseva, Natalia Tchebotareva, Irina Bobkova, Lidya Kozlovskaya. I.M. Sechenov First Moscow State Medical Univ, Moscow, Russian Federation.

SP344
NEPHROPROTECTIVE EFFECT OF RAS-ANTAGONISTS IN MICE CARRYING R140Q PODOCIN MUTATION
Ivana Simic,1 Mansoureh Tabatabaeifar,1 Tanja Wlodkowski,1 Helga Denc,1 Geraldine Mollet,2 Corinne Antignac,2 Franz Schaefer.1 1Pediatric Nephrology, Center Pediatrics and Adolescent Medicine, Univ Heidelberg, Heidelberg, Germany; 2Inserm U983 and Dept Genetics, Hop Necker, Paris, France.
PODOCYTE DYSFUNCTION IN CYSTINOSIS IS ASSOCIATED WITH INCREASED PODOCYTE MOTILITY AND PODOCYTURIA
Ivanova A Ekaterina,1 Laura Giardino,2 Maria Pia Rastaldi,2 Lambertus Van Den Heuvel,1 Elena Levtechenko.1
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RABBIT POLYCLONAL ANTIBODY INDUCED BY GENETIC IMMUNIZATION WITH MOUSE NEPHRIN cDNA CAUSED FOCAL SEGMENTAL GLOMERULOSCLEROSIS (FSGS) WITH NEPHROTIC SYNDROME IN MICE.
Chikako Okina, Tomoko Okamoto, Mariko Kamata, Junya Murano, Kei Kobayashi, Kazuhiro Takeuchi, Fumi Kamata, Takeshi Sakai, Shokichi Naito, Togo Aoyama, Takashi Sano, Yasuo Takeuchi, Kouju Kamata. Nephrology in Internal Medicine, Kitasato Univ School Medicine, Sagamihara, Kanagawa, Japan.

LACK OF MURINE DOUBLE MINUTE (MDM)-2 IN PODOCYTES CAUSES AUTOPHAGIC CELL DEATH AND FOCAL SEGMENTAL GLOMERULOSCLEROSIS
Dana Thomasova,1 Hauke A. Bruns,1 Helen Liapis,2 Hans-Joachim Anders.1 1Renal Div, Medizinische Klinik and Poliklinik IV, Univ München, Munich, Germany; 2Dept Pathology & Immunology, Washington Univ School Medicine, St Louis, MO, USA.

UP-REGULATION OF TRPC6 IN PODOCYTES ASSOCIATED WITH THE DEVELOPMENT OF GLOMERULAR HYPERFILTRATION IN RATS WITH 5/6 NEPHRECTOMY.
Takatsugu Iwashita,1 Hajime Hasegawa,1 Kaori Takayanagi,1,2 Taisuke Shimizu,1 Juko Asakura,1 Shinpei Okazaki,1 Yuta Kogure,1 Minoru Hatano,1 Hiroaki Hara,1 Megumi Inamura,1 Mizuki Iwanaga,1 Tomoyuki Mitani,1 Tetsuya Mitarai.1 1Nephrology and Hypertension, Saitama Medical center, Saitama Medical Univ, Kawagoe, Japan; 2Kawagoe Ekimae Clinic, Kawagoe, Japan.

MODEL FOR IDIOPATHIC FSGS: PROTEINURIA AFTER INJECTION OR OVEREXPRESSION OF CARDIOTROPHIN-LIKE CYTOKINE 1 IN MICE
Virginia J Savin,1 Mukut Sharma,1 Changli Wei,2 Jochen Reiser,3 Ellen T McCarthy,2 Ram Sharma,1 Jean-Francois Gauchat.4 1Nephrology, Kansas City VA Medical Center, Kansas City, MO, USA; 2Kidney Inst, Univ Kansas Medical Center, Kansas City, KS, USA; 3Medicine, Rush Univ Medical Center, Chicago, IL, USA; 4Pharmacology, Univ Montreal, Montreal, Quebec, Canada.

URINARY LOSS OF PACAP AS A CAUSE OF INCREASED RISK OF THROMBO-EMBOLIC DISEASE IN CONGENITAL NEPHROTIC SYNDROME
Benedicte Eneman,1 Kathleen Freson,2 Lambertus Van Den Heuvel,1 Chris Van Geet,2 Elena Levtechenko.1 1Dept Pediatric Nephrology, Dept Development & Regeneration, Univ Hosp Leuven, Leuven, Belgium; 2Dept Molecular and Vascular Biology, KULeuven, Leuven, Belgium.

MITOCHONDRIAL DYSFUNCTION IN PODOCYTE REDUCES ALPHA ACTININ-4 AND SYNAPTOPODIN IN PODOCYTE, WHICH INDUCES PROTEINURIA
Dae Eun Choi,1 Jin Young Jeong,1 Yoon Kyung Chang,2 Ki-Ryang Na,1 Kang Wook Lee,1 Young Tai Shin.1 1Renal Div, Dept Internal Medicine, Chungnam National Univ Hosp, Daejeon, Korea; 2Dept Internal Medicine, Daejeon Saint Mary Hosp, Daejeon, Korea.
SP353
THE SPHINGOSINE-1-PHOSPHATE RECEPTOR AGONIST FTY720 IMPROVED EXPRESSION OF ENOS IN KIDNEYS FROM SUBTOTALLY NEPHRECTOMIZED RATS
Hai-Feng Ni, Jun-Feng Chen, Ming-Hui Zhang, Ming-Ming Pan, Bi-Cheng Liu. Southeast Univ, Inst Nephrology, Nanjing, China.

SP354
OLTIPRAZ ATTENUATES RENAL FIBROSIS INDUCED BY UNILATERAL URETERAL OBSTRUCTION IN MICE
Kang Wook Lee,1 Jin Young Jeong,1 Dae Eun Choi,1 Yoon Kyung Chang,2 Seong Suk Kim,3 Ki-Ryang Na,1 Young Tai Shin,1 1Renal Div, Dept Internal Medicine, Chungnam National Univ Hosp, Daejeon, Korea; 2Dept Internal Medicine, Daejeon Sun Sun Hosp, Daejeon, Korea.

SP355
TRANSPLANTATION OF HUMAN BONE MARROW MESENCHYMAL STEM CELLS AMELIORATES CRESCENTIC GLOMERULONEPHRITIS IN Wistar-Kyoto Rats
Taihei Suzuki, Masayuki Iyoda, Kei Matsumoto, Yuki Shindo-Hirai, Yoshihiro Kuno, Yukihiro Wada, Yasutaka Yamamoto, Takanori Shibata, Tadao Akizawa. Div Nephrology, Dept Medicine, Showa Univ School Medicine, Tokyo, Japan.

SP356
ALK1 HETEROZYGOUS DISRUPTION IMPAIRS TGF-b/SMAD SIGNALING AND INCREASES RENAL FIBROSIS FOLLOWING URETERAL OBSTRUCTION
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SP357
ANATOMICAL AND FUNCTIONAL IMAGING OF RENAL VASCULATURE IN EXPERIMENTAL RENAL FIBROSIS
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SP358
IRAK-M IN RENAL FIBROSIS UPON UNILATERAL URETERAL OBSTRUCTION
Maciej Lech,1 Roman Günthner,1 Georg Lorenz,1 Mi Ryu,1 Regina Gröbmayr,1 Henri Susanti,1 Koichi S. Kobayashi,2,3 Richard A. Flavell,2 Hans-Joachim Anders,1 1Medizinische Klinik and Poliklinik IV, Nephrologisches Zentrum Klinikum der Univ München, Munich, Germany; 2Section Immunobiology, Howard Hughes Medical Inst, Yale Univ School Medicine, New Haven, USA; 3Dept Cancer Immunology and AIIDS, Dana-Farber Cancer Inst, Boston, USA.

SP359
TWEAK INDUCED RENAL INFLAMMATION BY EPIDERMAL GROWTH FACTOR RECEPTOR TRANSACTIVATION
Sandra Rayego-Mateos,1 Jose Morgado,1 Ana Belen Sanz,1 Satoru Eguchi,2 Janos Pato,3 Gyorgy Keri,3 Jesús Egido,1 Alberto Ortiz,1 Marta Ruiz-Ortega,1 1Univ Autónoma Madrid, IIS-Fund Jiménez Diaz, Madrid, Spain; 2Temple Univ, Philadelphia, USA; 3Semmelweis Univ, Vichem Chemie, Budapest, Hungary.
POSTERS

SP360
PB-4050, A NOVEL FIRST-IN-CLASS ANTI-FIBROTIC COMPOUND, INHIBITS CTGF AND COLLAGEN I EXPRESSION IN NORMAL RAT KIDNEY FIBROBLASTS AND HUMAN KIDNEY PROXIMAL TUBULE EPITHELIAL CELLS, AND REDUCES KIDNEY FIBROSIS IN 5/6-NEPHRECTOMIZED RATS.

SP361
MECHANISM OF GLOMERULAR HO-1 REGULATION
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SP362
AUTOPHAGY INDUCTION PROMOTES ARISTOLOCHIC ACID-I-INDUCED RENAL INJURY
Ka Ian Leong,1 Chih-Kang Chiang,3 Ching-Chin Yang,2 Cheng-Tien Wu,2 Li-Ping Chen,4 Kuan-Yu Hung,1 Shing-Hwa Liu.2 1Internal Medicine, National Taiwan Univ Hosp, Taiwan, Taiwan Rep China; 2Inst Toxicology, Medical College, National Taiwan Univ, Taipei, Taiwan Rep China; 3Dept Integrated Diagnostics & Therapeutics, National Taiwan Univ Hosp, Taipei, Taiwan Rep China; 4Dept Dentistry, Taipei Chang Gang Memorial Hosp, Taiwan, Taiwan Rep China.

SP363
ASSESSMENT OF ERYTHROPOIETIN EFFECTS IN THE PROGRESSION OF EXPERIMENTAL CHRONIC KIDNEY DISEASE
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SP364
MITOCHONDRIAL HOMEOSTASIS IS IMPEDED BY DEGRADATION AND AUTOPHAGY IN OXIDATIVE STRESS-INDUCED RENAL CELL INJURY
David M Small,1,2 Nigel C Bennett,1,2 Jeff Coombes,3 David W Johnson,4 Glenda C Gobe.1,2 1School Medicine, Univ Queensland, Brisbane, QLD, Australia; 2CKDR, Translational Research Inst, Brisbane, QLD, Australia; 3ch Human Movement Studies, Univ Queensland, Brisbane, QLD, Australia; 4Nephrology, Princess Alexandra Hosp, Brisbane, QLD, Australia.

SP365
CSB-9 MEMBRANE ATTACK COMPLEX PLASMATIC LEVELS IN DIFFERENT FORMS OF ACUTE KIDNEY INJURY
Nuria Montero, Alejandra Prada, Marta Riera, María A Orfila, Julia Pascual, Eva Rodríguez, Clara Barrios. Nephrology, Hosp del Mar-IMIM, Barcelona, Spain.

SP366
TIMP-1 INHIBITION AMELIORATES RENAL FIBROSIS IN TGF-ß TRANSGENIC MICE
Gabor Kokeny,1,2 Krisztina Fazekas,1 Laszlo Rosivall,1,2 Miklos M Mozes.1,2 1Dept Pathophysiology, 2International Nephrology Research and Training Center, Semmelweis Univ, Budapest, Hungary.

SP367
UP-REGULATION OF ALK1 IN MOUSE KIDNEY FOLLOWING URETERAL OBSTRUCTION
Jose M Muñoz-Felix,1,2,3 Jose M. Lopez-Novoa,1,2,3 Carlos Martinez-Salgado,1,2,3,4 1Dept Physiology and Pharmacology, Univ Salamanca, Salamanca, Spain; 2Cardiovascular, Biomedical Research Inst Salamanca (IBSAL), Salamanca, Spain; 3Inst Queen Sophie Renal Research (IRISIN), Fund Renal Íñigo Alvarez de Toledo, Madrid, Spain; 4Hosp Univ Salamanca, Inst Estudios Ciencias Salud Castilla y León (IESCYL), Salamanca, Spain.
POSTERS

SP368
REGULATION OF TUBULAR CELL PHENOTYPE BY THE LIM PROTEIN HIC-5
Nick Hornigold,2 Jeremy Hughes,3 Andrew Mooney.1
1Renal Unit, 2CRUK Clinical Centre, St James’s Univ Hosp, Leeds, UK; 3Centre Inflammation Research, Univ Edinburgh, Edinburgh, UK.

SP369
CHRONIC EFFICACY OF LISINOPRIL IN IMPROVING KIDNEY BIOMARKERS, FUNCTION AND STRUCTURE IN UNx MALE ZSF1 RATS
Agnes Benardeau,1 William Riboulet,1 Anthony Vandjou,1 Bjoern Jacobsen,2 Christian Apfel,1 Karin Conde-Knape.1
1pRED, CVM, F Hoffmann-La Roche AG, Basel, Switzerland; 2pRED, NCS, F Hoffmann-La Roche AG, Basel, Switzerland.

SP370
PBI-4419, A NOVEL FIRST-IN-CLASS ANTI-FIBROTIC COMPOUND, INHIBITS TGF-b-INDUCED EPITHELIAL-MESENCHYMAL TRANSITION OF HUMAN RENAL TUBULAR HK-2 CELLS.
ProMetic BioSciences Inc., Laval, QC, Canada.

SP371
INDOXYL SULFATE SUPPRESSES TRANSACTIVATION OF HYPOXIA-INDUCIBLE FACTOR 1 AND DYSREGULATES HYPOXIA RESPONSE IN RATS WITH CHRONIC KIDNEY DISEASE AND EXPERIMENTAL HEART FAILURE.
Tetsuhiro Tanaka, Junna Yamaguchi, Masaomi Nangaku.
Div Nephrology and Endocrinology, Univ Tokyo School Medicine, Tokyo, Japan.

SP372
INDOXYL SULFATE DOWNREGULATES RENAL EXPRESSION OF NRF2 THROUGH ACTIVATION OF NF-kB
Toshimitsu Niwa,1 Dilinaer Bolati,1 Hidehisa Shimizu,1 Maimaiti Yisireyili,1 Fuyuhiko Nishijima.2
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SP373
CYTOTOXIC EFFECTS OF P-CRESOL IN RENAL EPITHELIAL TUBULAR CELL
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SP374
OMEGA-3 FATTY ACIDS FOR THE PREVENTION OF CYCLOSPORIN A-INDUCED PROXIMAL TUBULAR TOXICITY IN VITRO
Giovanna Priante,1 Estella Musacchio,2 Chiara Valvason,1 Leonardo Sartori,2 Antonio Piccoli,1 Bruno Baggio.1
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SP375
DIFFUSION-WEIGHTED MRI DOES NOT DETECT KIDNEY FIBROSIS IN A RAT MODEL OF FIBROSIS
Peter Boor,1,2 Michael Perkuhn,3,4 Martin Weibrechts,3,4 Stephanie Zok,2 Ina V. Martin,2 Felix Schoth,3 Tammo Ostendorf,2 Christiane Kuhl,3 Jürgen Floege.2
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SP376

EFFECT OF SPIRONOLACTONE ON THE COURSE OF RENAL FAILURE AND CARDIOVASCULAR SYSTEM IN RATS WITH 5/6 NEPHRECTOMY

Aigul Karabaeva,1 Ashot Esaian,2 Olga Beresneva,2 Marina Parastaeva,2 Ivan Kayukov,2 Alexey Smirnov.2
1Inst Cardiology and Therapy, Alma-Aty, Kazakhstan; 2St.-Petersburg State Pavlov Medical Univ, St.-Petersburg, Russian Federation.

SP377

P2-RECEPTORS ACTIVATION INCREASES GLOMERULAR PERMEABILITY FOR ALBUMIN WITHOUT CHANGES IN ALBUMEN EXCRETION IN URINE.

Irena Audzeyenka,1 Malgorzata Kasztan,2 Agnieszka Piwkowska,1 Dorota Rogacka,1 Stefan Angielski,1 Maciej Jankowski,1,2
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SP378

QUANTITATIVE REAL-TIME PCR ALLOWS miRNA AND mRNA EXPRESSION ANALYSIS OF PARIETAL EPITHELIAL CELLS AND GLOMERULAR CRESCENTS

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SP379

MODERATE CALORIE RESTRICTION IS EFFECTIVE IN PREVENTING PROGRESSION IN THE AA-4EBP1 RAT MODEL SYSTEM

Ryuzoh Nishizono,1 Madhusudan P. Venkatareddy,1 Marboob A. Chowdhury,1 Su Q. Wang,1 Akhiro Fukuda,2 Larysa T. Wickman,1 Yan Yang,1 Roger C. Wiggins.1
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SP380

NGAL AND ANESTHETICS: PROTECTIVE ROLE OF SEVOFLURANE

Maria Rosaria Fazio,1 Valentina Donato,1 Silvia Lucisano,1 Valeria Cernaro,1 Rosaria Lupica,1 Domenico Trimboili,1 Gaetano Montalto,1 Carmela Aloisi,1 Anna Teresa Mazzeo,2 Michele Buemi.1
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SP381

IMPACT OF THE NEW DERIVATIVES OF POLYISOPRENOID ALCOHOLS - NEW COMPONENTS OF DRUG CARRIERS - ON RENAL MORPHOLOGY AND MORPHOMETRIC ANALYSIS OF MALE SPRAGUE-DAWLEY RATS

Olga Gawrys,1 Krzysztof H. Olszynski,1 Marta Kuczeriszka,1 Katarzyna Gawarecka,2 Ewa Szwiezewska,2 Marek Chmielewski,3 Marek Masnyk,3 Janina Rafalowska,4 Elżbieta Kompanowska-Jezierska.1
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SP382

INDOXYL SULFATE IMPAIRS MITOCHONDRIAL BIOGENESIS AND FUNCTION IN HUMAN ENDOTHELIAL CELLS

Wen-Chin Lee,1 You-Ying Chau,2 Lung-Chih Lee,1 Chien-Hua Chiu,1 Chien-Te Lee,1 Jin-Bor Chen.1
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SP383

THE SIGNIFICANT ROLE OF CURCUMIN IN EPITHELIAL-MESENCHYMAL TRANSITION OF RENAL TUBULAR EPITHELIAL CELLS

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RENAL HISTOPATHOLOGY

SP384 USING THE OXFORD CLASSIFICATION OF IgA NEPHROPATHY TO PREDICT LONG-TERM OUTCOMES OF HENOCH-SCHONLEIN PURPURA NEPHRITIS IN ADULTS
Eun Jin Kim, Jae Hyun Han, Hyang Mo Koo, Fa Mee Doh, Chan Ho Kim, Kwang Il Ko, Mi Jung Lee, Hyung Jung Oh, Tae-Hyun Yoo, Shin-Wook Kang, Kyu Hun Choi, Seung Hyeok Han.
Dept Internal Medicine, Yonsei Univ College Medicine, Seoul, Korea.

SP385 EPIDEMIOLOGY OF GLOMERULAR DISEASES IN NORTHERN ISRAEL
Suheir Assady,1,2 Marina Tchirkov,1 Roni Nasser,2 Tanya Mashiah,1 Ofir Ben Izhak,1,2
1Rambam Medical Center, Haifa, Israel; 2Rappaport Fac Medicine, Technion, Haifa, Israel.

SP386 HISTOLOGICAL CHARACTERIZATION OF RENAL LESIONS AFTER THORACIC TRANSPLANTATION
Pierre Housset,1 Romain Guillemin,2 Dominique Nochy,3 Melanie Roland,1 Catherine Amrein,2 Alexandre Karras,1 Veronique Boussaud,2 Veronica Pezzela,2 Eric Thervet.1
1Nephrology Unit, 2Heart and Lung Transplant Unit, 3Anatomopathology Unit, Hop Europeens Georges Pompidou, Paris, France.

SP387 TISSUE KIDNEY INJURY MOLECULE-1 (KIM-1) EXPRESSION IN PREDICTION KIDNEY FUNCTION LONG TERM AFTER KIDNEY BIOPSY
Sanja P Simit Ogrizovic,1 Gordana Basta Jovanovic,2 Sanja Radiojevic,2 Suzana Bojic,3 Radomir Naumovic.1
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SP388 GLOMERULONEPHREITIS IN THE ELDERLY PATIENTS A COMPARATIVE STUDY
Zouaghi Karim,2 Karoui Cyrine,1 Goucha Rim,1 Abderraahim Ezzeddine,1 Hedri Hafedh,1 Kaaroud Hayet,1 Beji Soumaya,2 Ounissi Mondher,1 Ben Hmida Fethi,1 El Younssi Fethi,1 Ben Abdallah Taieb,1 Ben Maiz Heddi,3 Ben Moussa Fatma,2 Khedra Adel.1
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SP389 ESTIMATION OF RENAL FUNCTION AFTER THORACIC TRANSPLANTATION: ACCURACY OF ESTIMATED GLOMERULAR FILTRATION RATE AND OUTCOME AFTER RENAL WORKUP
Pierre Housset,1 Romain Guillemin,2 Melanie Roland,1 Catherine Amrein,2 Alexandre Karras,1 Veronique Boussaud,2 Dominique Nochy,3 Veronica Pezzela,2 Eric Thervet.1
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SP390 PARTICULAR ULTRASTRUCTURAL FEATURES OF HUMAN RENAL CAPSULE AND RELATED BENIGN TUMORS
Mircea Penescu, Eugen Mandache.
Dr Carol Davila Hosp Nephrology, Bucharest, Romania.

SP391 A CHANCE TO DIAGNOSE AMYLOIDOSIS: DUODENAL BIOPSY
Ayseguil Zumrutdal,1 Ruya Ozelsancak,1 Tuba Canpolat.2
1Nephrology Dept, 2Pathology Dept, Baskent Univ Adana Teaching and Research Center, Adana, Turkey.
SP392
RENAL ABNORMALITIES IN MULTIPLE MYELOMA
Dept Nephrology and Renal Pathology Research Dept, Charles Nicolle Hosp, Tunis, Tunisia.

SP393
AN UNCOMMON PRESENTATION OF AN UNCOMMON NEPHROPATHY: THE KARYOMEGLIC INTERSTITIAL NEPHRITIS.
Nicola Comi,1 Paola Cianfrone,1 Valentina Piraino,1 Roberta Talarico,1 Ko-stas Giannakakis,2 Giorgio Fuiano,1 Gaetano Lucisano.1
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SP394
GLOMERULAR VOLUME IN PATIENTS WHO DIED DUE TO INTRACRANIAL HEMORRHAGE
Katarzyna Konat, Magdalena Szutowaska, Henryk Karkoszka, Marcin Adamczak, AndrzejWiecik, Katarzyna Kwiecein.
Dept Nephrology, Endocrinology and Metabolic Diseases, Medical Univ Silesia, Katowice, Poland.

SP395
INFLAMMATION AND MACROPHAGE INFILTRATION IN CHRONIC KIDNEY DISEASE
Ofelia Jercan,1,2 Mircea Penescu,2 Laurentiu Mogoanta,1 Ioana Miller.2
1UMF, Craiova, Romania; 2Carol Davila Nephrology Hosp, Bucharest, Romania.

SP396
CHANGING SPECTRUM OF BIOPSY PROVEN PRIMARY GLOMERULAR DISEASES OVER PAST 15 YEARS: A SINGLE CENTER STUDY IN CHINA
Xiaoxia Pan, Jing Xu, Hong Ren, Wen Zhang, Yaowen Xu, Pingyan Shen, Xiaonong Chen, Xiaobei Feng, Nan Chen.
Dept Nephrology, Rui Jin Hosp, School Medicine, Shanghai Jiao Tong Univ, Shanghai, China.
EXTRACORPOREAL DIALYSIS: TECHNIQUES AND ADEQUACY - A

SP397
IMPROVEMENT IN TECHNOLOGY: EVALUATION OF THE BIO- FEEDBACK ON TMP ON TWO DIALYSIS SYSTEMS
Denis Steckiph,1 Giovanni Calabrese,2 Andrea Bertucci,1 A Mazzotta,2 G Va- gelli,2 Marco Gonella,2
gambro Hospal s.p.a., Bologna, Italy; 2Nephrology and Dialysis Unit, Casale Monferrato, Italy.

SP398
DESIGN, REALIZATION AND PRELIMINARY EXPERIMENTAL EVALUA- TION OF A NOVEL MAGNETIC FILTER FOR UTILIZATION IN MAGNE- TICALLY-ASSISTED HAEMODIALYSIS
Dimosthenis Stamopoulos,1 Efthymios Manios,1 Nikolaos Papachristos,1 Eir- inini Grapsa,2 Georgios Papageorgiou,1 Vassiliki Gogola,1
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SP399
CONTROL OF PLASMA PHOSPHATE ON THRICE WEEKLY IN-CENTRE HAEMODIALFILTRATION
Beng So, Vishal Dey, Elaine M Spalding,
John Stevenson Lynch Renal Unit, Crosshouse Hosp, Kilmarnock, UK.

SP400
THE EFFECTS OF DIFFERENT DIALYSIS TREATMENTS ON GLYCME- EXCURSIONS AND INFLAMMATION IN PATIENTS WITH END-STAGE RENAL DISEASE WITH AND WITHOUT TYPE 2 DIABETES MELLITUS
Carmelo Libetta,1 Pasquale Esposito,1 Elisabetta Margiotta,1 Pamela Maffio- li,2 Aldo Bonaventura,2 Lucio Bianchi,2 Davide Romano,2 Teresa Rampino,1 Giuseppe De Rosa,2
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SP401
CLINICAL PERFORMANCE COMPARISON OF REVACLEAR® DIALYZER VERSUS LARGER-SURFACE AREA DIALYZER
Astrid Mauric,1 Ulrike Haug,3 Günter Enzinger,2 Elke Kern-Derstvenscheg,2 Andrea Sluga,2 Christiane Ausserwinkler,2 Werner Beck,3 Alexander R. Rosenkranz,1
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SP402
COMPARING UREMIC SOLUTES REMOVAL FOR HIGH-FLUX HEM- DIALYSIS, HEMODIAFILTRATION AND HIGH-FLUX HEMODIALYSIS WITH EXERCISE DURING DIALYSIS
Vaibhav Maheshwari,1 Sabrina Haroon,2 Yijun Loy,2 Lakshminarayanan Samavedham,1 Gade P Rangiah,1 Titus Lau,2
1Chemical and Biomolecular Engineering, National Univ Singapore, Singapo- re; 2National Univ Health System, Singapore, Singapore; 2National Univ Health System, Singapore, Singapore.

SP403
TRANSIENT LOSS AND COMPLETE RECOVERY OF THE POPULATION OF PLATELETS DURING THERAPEUTIC PLASMA EXCHANGE
Dimosthenis Stamopoulos,1 Nerantzoula Mpakirtzi,2 Maria Panagiotou,3 Despi- na Barbourousi,4 Charis Matsouka,4 Eirini Grapsa,5
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SP404
ELEVEN KEY AREAS OF RENAL NURSE RESPONSIBILITY - THE FOUNDATIONS OF QUALITY PATIENT DIALYSIS OUTCOMES
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1Clinical Servs, 2Nephrology, DaVita USA Lehabi Care Center, Riyadh, Saudi Arabia.

SP405
IMPACT OF THE TYPE OF DIALYZER ON ENDOTHELIAL FUNCTION AS MEASURED BY ENDOGENIC NITRIC OXIDE SYNTHASE AND ASYMMETRIC DIMETHYLARGININE LEVEL IN CHRONIC HEMODIALYSIS PATIENTS AFTER SINGLE DIALYSIS SESSIONS
Mariusz Kowalczyk, Piotr Bartnicki, Maciej Banach, Jacek Rysz.
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SP406
BASELINE RENAL CYSTS VOLUME PREDICTS THE RECOMBINANT HUMAN ERYTHROPOIETIN REQUIREMENT IN AUTOSOMAL DOMINANT POLYCYSTIC DISEASE
Paolo Lentinii,1 Luca Zanolii,2 Antonio Granata,3 Andrea Contestabile,1 Anna Basso,1 Grazziella Berlingo,1 Valentina Pellanda,1 Massimo De Cal,4 Virzi Grazia,4 Anna Clementi,3 Monica Insalaco,3 Roberto Dell’aquila,1
1Nephrology, S. Bassiano Hosp, Bassano Del Grappa (Vi), Italy; 2Univ Catania, Catania, Italy; 3Nephrology, S. Giovanni Di Dio Hosp, Agrigento, Italy; 4Nephrology, S. Bortolo Hosp, Vicenza, Italy.

SP407
ONLINE HAEMODIAFILTRATION: DIALYSIS QUALITY IMPROVEMENT
Ayman Karkar, Mohammed Abdelrahman.
Dept Nephrology, Kanoo Kidney Centre, Dammam, Saudi Arabia.

SP408
EXTENDED NOCTURNAL HEMODIALYSIS: SINGLE CENTER EXPERIENCE
Nephrocare Barreiro, Fresenius Medical Care, Barreiro, Portugal.

SP409
BIOFILTRATION FREE ACETATE WITH SUBSTITUTION OF BICARBONATE OF SODIUM AT 84‰: 20 YEARS AFTER
Anis Baffoun Baffoun,1 Mohamed Ali Youssfi,2 Aicha Sayeh,1 Maher Béji,1 Ramzi Ben Khadra,1 Jalel Hmida.1
1Dialysis Research Unit, 2Pharmacy Dept, Military Hosp Tunisia.

SP410
ARTIFICIAL LIVER SUPPORT SYSTEM USING HIGH VOLUME HEMODIAFILTRATION
Mayumi Akazawa,1 Hayato Horiuchi,1 Yuki Hori,1 Asuka Yamada,1 Hiroshi Satou,1 Sou Odamaki,1 Sota Nakai,1 Kanako Satou,1 Kanako Aoki,1 Ikou Saito,1 Yuka Kamijo,3 Satoshi Ogata,2 Yoshitaka Ishihashi,3
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SP411
PROSPECTIVE EVALUATION OF HYDRATION STATUS IN PATIENTS REQUIRING CRRT
Flavio Basso,1 Marzena Wojewódzka-Żelezniaokowicz,1 Dinna Cruz,1 Anna Giuliani,1 Lourdes Blanca Martos,1 Pasquale Piccinni,2 Claudio Ronco.1
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SP412
AUTOSUB+: A SOPHISTICATED INNOVATIVE TOOL FOR A SIMPLIFIED OL-HDF PRACTICE
Jacky Potier, Guillaume Quefeulou, Julien Bouet.
Nephrology Hemodialysis, CHPC, Cherbourg, France.
SP413
CITRATE DIALYSIS FLUID AND CALCIUM MASS BALANCE
A Nilsson, J Sternby, G Grundström, M Alquist.
Gambro Lundia AB, Lund, Sweden.

SP414
"THE LAST WILL BE FIRST...". A FLEXIBLE APPROACH FOR RESTARTING HOME HEMODIALYSIS.
Martina Ferraresi, Maria C Di Vico, Federica N Vigotti, Maria C Deagostini, Stefania Scognamiglio, Valentina Consiglio, Roberta Clari, Irene Moro, Elena Mongilardi, Giorgina B Piccoli.
Dept Clinical and Biological Sciences, Univ Turin, SS Nefrologia, ASOU San Luigi Gonzaga, Orbassano, Torino, Italy.

SP415
CITRATE REDUCES COMPLEMENT AND LEUKOCYTE ACTIVATION IN VITRO IN HUMAN BLOOD
Viktoria Hancock,1 Shan Huang,2 Anders Nilsson,1 Gunilla Grundström,1 Kristina Nilsson Ekdahl.2
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SP416
CITRATE VS. ACETATE DIALYSE-REINFUSATE IN ON-LINE POSTDILUTION HDF
Giovanni Calabrese,4 Denis Steckiph,2 Andrea Bertucci,2 Claudio Baldin,3 Michele Petrarulo,3 Domenico Mancuso,4 Giuseppe Vagelli,4 Marco Gonella.4
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SP417
CITRATE REGIONAL ANTICOAGULATION REDUCES BLOOD TRANSFUSION REQUIREMENT IN SURGICAL CRITICALLY ILL PATIENTS UNDERGOING CONTINUOUS RENAL REPLACEMENT THERAPIES
Paola Inguaggiato, Giorgio Canepari, Graziella Gigliola, Carlo Ferrando, Silvio Meiner, Carmelo Sicuso, Alfonso Facetti.
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SP418
EXTRACORPOREAL CIRCULATION IN HAEMODIALYSIS DOES NOT IMPAIR RED BLOOD CELLS: EVIDENCE FROM BIOPSY OF BLOOD SAMPLES COLLECTED PRIOR AND AFTER DIALYSIS WITH ADVANCED MICROSCOPES
Dimosthenis Stamopoulos,1 Nerantzoula Mpakirtzi,2 Efthymios Manios,1 Nikolaos Afentakis,2 Eirini Grapsa.3
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SP419
A COMPARISON OF SOLUTE REMOVAL ABILITIES BETWEEN PD, HD AND ON-LINE HDF USING SUPER HIGH FLUX MEMBRANE.
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SP420
ZERO EMISSION DIALYSIS CLINIC - A CONCEPT STUDY
Juergen Kastl, Maria Merello, Carlo Boccato, Guido Giordana.
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SP421
PAPERLESS DIALYSIS PATIENT MANAGEMENT SAVES THOUSANDS OF TREES EVERY YEAR
Stefano Mazzone, Victor Moscardo, Juergen Kastl, Guido Giordana.
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SP422
QUANTITATIVE DIFFERENCES BETWEEN THE PRESCRIBED DIALYSIS EFFICIENCY AND THE THERAPEUTICALLY ACTIVE EFFICIENCY
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SP423
RATIOS OF PLASMA BICARBONATE INCREASE TO DIALYSATE-PLASMA BICARBONATE GRADIENT AT EARLY & LATE HEMODIALYSIS (HD) ON HIGH & LOW DIALYSATE BICARBONATE CONCENTRATIONS
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SP424
REAL-TIME MONITORING OF POLYVINYL PYRROLIDONE ELUTING FROM DIALYZER MEMBRANE
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SP425
DIALYSIS DOSE IN CONVENTIONAL HEMODIALYSIS: COMPARISON OF KT/V, KT BY GENDER AND BODY SURFACE AREA
Elvira Bosch Benitez-Parodi,1 Eduardo E Baamonde Laborda,1 German Perez,1 Jose Ignacio Ramirez,1 Ana Ramirez Puga,2 Rita Guerra,2 Cesar Garcia Canton,2 M. Mar Lago Alonso,2 Agustin Toledo,2 M. Dolores Checa Andres.2
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SP426
DIALYSIS TUNNELED VASCULAR CATHETER FAILURE: THE EFFICACY OF DRUG THERAPY IN REDUCING CATHETER OCCLUSION RATE
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SP427
MEROPENEM PHARMACOKINETICS IN CRITICALLY ILL PATIENTS ON CONTINUOUS HEMODIAFILTRATION
Yasuhiro Mochida,1 Kana Matsumoto,2 Kunihiro Morita,2 Daimu Tsutsumi,1 Kuihiro Ishioka,1 Kyouko Maesato,1 Machiko Oka,1 Hidekazu Moriya,1 Sumi Hidaka,1 Takayasu Ohtake,1 Shuzo Kobayashi.1
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SP428
FEASIBILITY OF HIGH CONVECTION VOLUMES IN ON-LINE HAEMODIAFILTRATION (HDF)
Alain Ficheux,1 Nathalie Gaylard,1 Flore Duranton,1 Caroline Guzman,1 Ilan Szwarc,2 Johanna Bismuth-Mondolfo,2 Philippe Brunet,3 Marie-Françoise Servel,2 Angel Argiles.1,2
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SP429
SODIUM AND ULTRAFILTRATION PROFILING: IMPACT OF AN ALTERNATIVE MODEL IN HEMODIALYSIS HYPOTENSION
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SP430
EFFECT OF EMPIRICAL REDUCTION OF DIALYRATE SODIUM ON HYPERTENSION AND BODY COMPOSITION IN EGYPTIAN HEMODIALYSIS PATIENTS
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SP431
UREA, CREATININE AND PHOSPHATE REMOVAL: HEMODIALYSIS ADEQUACY ASSESSED BY WEEKLY MONITORING
Andrzej Ksiazek,3 Wojciech Zaluska,3 Jacek Waniemski,1 Malgorzata Debowska,1 Alicja Wojcik-Zaluska,2
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SP432
THE IMPACT OF THE TECHNIQUE OF ARTERIO-VENOUS FISTULA CANNULATION ON THE QUALITY OF DIALYSIS
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SP433
ON-LINE HEMODIALFILTRATION IMPROVES SURVIVAL OF PATIENTS ON MAINTENANCE HAEMODIALYSIS: A MULTICENTER COHORT EVALUATION
Goran Imamovic,1 Daniele Marcelli,2 Inga Bayh,2 Rajko Hrvacevic,3 Sonja Kapun,4 Ailee Grassmann,2 Laura Scatizzi,2 Jelena Maslovaric,3
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SP434
REMOVAL OF GADOTERIC ACID (DOTAREM®) BY HEMODIALYSIS AND SAFETY IN DIALYSED PATIENTS
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SP435
MONITORING ADVERSE EFFECTS OF ANTITUBERCULOSIS CHEMOTHERAPY IN CHRONIC HEMODIALYSIS PATIENT: PHARMACOVIGILANCE AND ROLE OF POISON CONTROL CENTER
El Amrani Mohamed, Arrache Wafae, Hassan Kaytar, Hamzi Mohamed Amine, Kabja Driss, Benyahia Mohammed.
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PERITONEAL DIALYSIS - A

SP436
MIS (MALNUTRITION-INFLAMMATION SCORE) IS EFFECTIVE AND CRUCIAL TOOL FOR PROGNOSTIC PREDICTION OF PERITONEAL DIALYSIS PATIENT
Minoru Ito.
Dialysis Center, Yabuki-Shima Clinic, Yamagata, Yamagata, Japan.

SP437
THE EFFECT OF OMEGA-3 FATTY ACID SUPPLEMENTATION ON OXIDATIVE STRESS IN CONTINUOUS AMBULATORY PERITONEAL DIALYSIS PATIENTS
Afsoon Emami-Naini, Nooshin Keyvandarian, Firouzeh Moeinzadeh, Mojgan Mortazavi, Shahram Taheri.
Isfahan Kidney Diseases Research Center, Isfahan Univ Medical Sciences, Isfahan, Iran.

SP438
SUBEROYLANILIDE HYDROXAMIC ACID ATTENUATES PERITONEAL FIBROSIS INDUCED BY CHLORHEXIDINE GLUCONATE IN MICE
Kumiko Ito,1 Tomoya Nishino,1 Yoko Obata,1 Mineaki Kitamura,1 Shinichi Abe,1 Takeshi Koji,2 Shigeru Kono.1
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SP439
FACILITATIVE EFFECTS OF TRANSPLANTED ADIPOSE-DERIVED MESCENATHMAL STEM CELLS DURING REPAIR IN CHLORHEXIDINE(CH)-INDUCED PERITONEAL FIBROSIS RATS
Keichi Wakabayashi, Chieko Hamada, Takenori Nakano, Reo Kanda, Hiroaki Io, Satoshi Horikoshi, Yasuhiko Tomino.
Div Nephrology, Dept Internal Medicine, Juntendo Univ Fac Medicine, Tokyo, Japan.

SP440
UPDATE ON THE EUROPEAN ENCAPSULATING PERITONEAL SCLEROSIS (EPS) REGISTRY
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SP441
COMPETITIVE RISKS OF ENCAPSULATING PERITONEAL SCLEROSIS AND DEATH IN PERITONEAL DIALYSIS
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SP442
BUDGET IMPACT ANALYSIS OF PERITONEAL DIALYSIS VS. CONVENTIONAL IN-CENTER HEMODIALYSIS IN THE UK
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SP443
LONG-TERM EFFECT OF LOW GLUCOSE DEGRADATION PRODUCT DIALYSIS SOLUTION ON THE MARKERS OF ENDOTHELIAL DYSFUNCTION AND PHENOTYPE OF HUMAN PERITONEAL MESOTHELIAL CELLS IN CONTINUOUS AMBULATORY PERITONEAL DIALYSIS PA-
POSTERS

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SP444
ENDOTOXIN-ASSOCIATED STERILE PERITONITIS OBSERVATIONAL STUDY (e-STEPS) RESULTS
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SP445
HEME OXYGENASE-1 ATTENUATES LIPOPOLYSACCHARIDE(LPS)-INDUCED TLR4 AND PROINFLAMMATORY SIGNALING IN HUMAN PERITONEAL MESOTHELIAL CELLS (HPMCS).
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SP446
RELATIONSHIP BETWEEN PERITONEAL PERMEABILITY AND DIABETIC RETINOPATHY
Nanae Matsuo, Yukio Maruyama, Masatsugu Nakao, Yudo Tanno, Ichiro Ohkido, Hiroshi Hayakawa, Hiroyasu Yamamoto, Keitaro Yokoyama, Tatsuo Hosoya.
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SP447
A NOVEL MARKER IN PD-RELATED PERITONITIS: DIAGNOSTIC AND PROGNOSTIC SIGNIFICANCE OF CALPROTECTIN LEVELS IN PERITONEAL DIALYSIS EFFLUENT
Francesco Iannuzzella,1 Mattia Corradini,1 Lucia Belloni,2 Alfredo Stefani,1 Maria Parmeggiani,2 Sonia Pasquali.1 1Nephrology and Dialysis Unit, 2Lab and Molecular Biology Unit, Arcispedale Santa Maria Nuova, Reggio Emilia, Italy.

SP448
PREDICTING ARTERIAL STIFFNESS USING SKIN AUTOFLUORESCENCE IN PERITONEAL DIALYSIS PATIENTS
Oskar Svedberg, Peter Stenvinkel, Abdul Rashid Qureshi, Peter Barany, Olof Heimbürger, Paul Leurs, Björn Anderstam.

SP449
EXTENDED VERSION OF SEQUENTIAL PERITONEAL EQUILIBRATION TEST: LARGE PORES AND MACROMOLECULAR TRANSPORT
Jacek Waniewski,1 Stefan Antosiewicz,2 Daniel Baczynski,2 Magda Galach,1 Zofia Wankowicz.2 1Dept Mathematical Modelling of Physiological Processes, Inst Biocybernetics and Biomedical Engineering, Warsaw, Poland; 2Clinic Internal Medicine, Nephrology and Dialysis, Military Inst Medicine, Warsaw, Poland.

SP450
A 12 POINT INTEGRATED CLINICAL AND SOCIAL INDEX TO PREDICT PERFORMANCE ON CAPD-2 YEARS FOLLOW UP
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SP451
EQUAL IMPACT OF FAST DECLINE IN RESIDUAL RENAL FUNCTION TO INITIAL ANURIA FOR LONG-TERM OUTCOMES IN CAPD PATIENTS: A 10-YEARS FOLLOW-UP
Jyh-Chang Hwang, Ming-Yan Jiang, Yi-Hua Lu, Charn-Ting Wang.
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SP452
CAN WE REDUCE THE INCIDENCE OF PERITONEAL CATHETER TUNNEL AND EXIT SITE INFECTIONS IN PERITONEAL DIALYSIS? ANALYSIS OF RISK FACTORS IN A LOW INCIDENCE SETTING
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SP453
FIRST RESULTS FROM THE INTERNATIONAL PEDIATRIC PERITONEAL BIOSPY STUDY
Betti Schaefer,1 Stephan Macher-Goeppinger,1 Ayssun K Bayazit,4 Peter Salay,6 Sara Testa,5 Stefan Holland-Cunz,1 Uwe Querfeld,3 Bradley A Warady,2 Franz Schaefer,1 Claus P Schmitt.1
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SP454
THE ASSOCIATION BETWEEN HRQOL, OTHER FACTORS AND MORTALITY IN PD PATIENTS WHO WERE FOLLOWED FOR 7 YEARS
Ibrahim Guney,1 Kultigin Turkmen,2 Raziye Yazici,1 Sevket Aslan,1 Lutfullah Altintepce,1 Mehdi Yeksan.3
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SP455
THE ASSOCIATION BETWEEN ARTERIAL STIFFNESS AND FLUID STATUSES IN PERITONEAL PATIENTS
Ismail Kocyigit,1 Murat H. Sipahioglu,1 Ozcan Orscelik,2 Aydin Unal,1 Ahmet Celik,2 Samer R. Abbas,3 Fansan Tokgoz,1 Ali Dogan,2 Oktay Oymak,1 Peter Kotanko,3 Nathan W Levin.3
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SP456
PERITONEAL DIALYSIS IS ASSOCIATED TO A HIGHER PROPORTION OF 7-84PTH FRAGMENTS. POTENTIAL ROLE ON BONE TURNOVER.
M.Carmen Sánchez-González,1 María Luisa Gonzalez-Casaus,2 Emilio Gonzalez-Parra,3 Marta Albalate,4 Vicente Torregrosa,6 Elvira Fernández,7 Concepcion De La Piedra,3 Mariano Rodríguez.8
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SP457
25-HYDROXY VITAMIN D LEVELS ARE RELATED TO PARAMETERS OF RESIDUAL RENAL FUNCTION IN ADULT PERITONEAL DIALYSIS PATIENTS
Matthias Zeiler, Tania Monteburini, Rosa M Agostinelli, Rita Martinelli, Stefano Santarelli.
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SP458
VITAMIN D STATUS IN INCIDENT PERITONEAL DIALYSIS PATIENTS AND THE EFFECTS OF ORAL SUPPLEMENTATION
Francesca Bermond, Cristiano Bagnis, Cristina Maruccio, Giorgio Soragna, Michele Bruno, Corrado Vitale, Martino Marangella.
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SP459
CHOLECALCIFEROL EFFECT ON PTH IN PERITONEAL DIALYSIS PATIENTS.
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SP460
SERUM PHOSPHORUS LEVELS, BUT NOT SERUM CALCIUM AND PTH LEVELS ARE ASSOCIATED WITH ABDOMINAL AORTIC CALCIFICATIONS IN PERITONEAL DIALYSIS PATIENTS
Saimir Seferi, Merita Rroji, Eriola Likaj, Myftar Barbullushi, Nestor Thereska.
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SP461
SAGITTAL ABDOMINAL DIAMETER IS AN INDEPENDENT PREDICTOR OF MORTALITY IN INCIDENT PERITONEAL DIALYSIS PATIENTS
Eun Jin Kim, Jae Hyun Han, Hyang Mo Koo, Fa Mee Doh, Chan Ho Kim, Kwang Il Ko, Mi Jung Lee, Hyung Jung Oh, Seung Hyeok Han, Tae-Hyun Yoo, Kyu Hun Choi, Shin-Wook Kang.
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SP462
ASSOCIATION OF ENDOTHELIAL DYSFUNCTION AND PLASMA ADMA LEVELS, CARDIAC FUNCTIONS AND METABOLIC PARAMETERS IN PERITONEAL DIALYSIS PATIENTS
Sami Uzun,1 Serhat Karadag,2 Metin Yegen,3 Metin Gursu,4 Savas Ozturk,4 Zeki Aydin,4 Abdullah Sumnu,4 Egemen Cebeci,4 Eray Atalay,2 Rumeyza Kazanciglu.5
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SP463
THE SPECTRUM OF PODOPLANIN EXPRESSION IN ENCAPSULATING PERITONEAL SCLEROSIS
Dominik Alscher,1 Peter Fritz,2 Joerg Latus,1 Martin Kimmel,1 Dagmar Biegger,4 Maja Lindenmeyer,3 Clemens D Cohen,3 Rudolf P Wüthrich,3 Stephan Segerer,2 Niko Braun.1
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SP464
BODY MASS INDEX AND MORTALITY ON PERITONEAL DIALYSIS: A PROSPECTIVE COHORT STUDY
Yong Kyun Kim, Hyung Wook Kim, Ho Chul Song, Euy Jin Choi, Chul Woo Yang.
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SP465
RELATIONSHIP BETWEEN RESIDUAL RENAL FUNCTION AND FLUID STATUS IN PERITONEAL DIALYSIS PATIENTS
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SP466
IS THERE A DAY-OF-WEEK EFFECT ON MORTALITY, OCCURRENCE OF PERITONITIS AND TRANSFER TO HEMODIALYSIS (HD) IN FRENCH AND BELGIAN PATIENTS ON PERITONEAL DIALYSIS (PD)?
Max Dratwa,1 Frédéric Collart,1 Christian Verger.2
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SP467
SIGNIFICANCE OF PERITONEAL ISCHEMIA IN THE DEVELOPMENT OF PERITONEAL INSUFFICIENCY IN RATS UNDERGOING PERITONEAL DIALYSIS.
Yosuke Tayama,1 Hajime Hasegawa,1 Kaori Takeyanagi,1,2 Takatsugu Iwasita,1 Taisuke Shimizu,1 Chie Noiri,1 Tota Kiba,1 Tomonari Ogawa,1 Megumi Inamura,1 Satoko Nakamura,1 Akihiko Matsuda,1 Hitoshi Kato,1 Tetsuya Mitari.1
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SP468
DOES BODY MASS INDEX AFFECT PATIENT AND TECHNIQUE SURVIVAL IN PATIENTS UNDERGOING PERITONEAL DIALYSIS?
Aydin Unal,1 Murat Hayri Sipahioglu,1 Ismail Kocyigit,1 Ferhan Elmali,2 Bu- lent Tokgoz,1 Oktay Oymak.1
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SP469
ZINC SUPPLEMENTATION ATTENUATES HIGH GLUCOSE-INDUCED EPITHELIAL-TO-MESENCHYMAL TRANSITION OF PERITONEAL MESOTHELIAL CELLS
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SP470
INCREASED RESIDUAL RENAL FUNCTION AFTER START OF PERITONEAL DIALYSIS
Anna Giuliani,2,3 Lourdes Blanca-Martos,2,4 Akash Nayak Karopadi,2,5 Giacomo Mason,2 Carlo Crepaldi,1,2 Claudio Ronco,1,2
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SP471
COMPARISON BETWEEN UREA DISTRIBUTION VOLUME DETERMINED FROM MULTIFREQUENCY BIOIMPEDANCE AND WATSON FORMULA IN PERITONEAL DIALYSIS PATIENTS
Maria Teresa Santos,2 Isabel Fonseca,1 Olivia Santos,1 Maria Joao Rocha,1 Maria Joao Carvalho,1 António Cabrita,1 Ana Paula Rodrigues.1
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SP472
ULTRAFILTRATION AT THE BEGINNING OF INCREMENTAL PERITONEAL DIALYSIS (iPD): USEFUL, HARMFUL OR FUTILE?
Luca Scabella, Alessandro Domenici, Francesca Apponi, Maryam Tayefeh Jafari, Francesca Sivo, Clorinda Falcone, Giorgio Punzo, Paolo Mené.
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SP473
BLOOD PRESSURE AND RESIDUAL RENAL FUNCTION IN PERITONEAL DIALYSIS: ROLE OF LOCAL RENIN ANGIOTENSIN SYSTEM ACTIVATION
Tolga Yildirim,1 Rahmi Yilmaz,1 Alper Azak,2 Mahmut Altindal,1 Ercan Turkmen,1 Mustafa Arici,1 Bülent Altun,1 Murat Duranay,2 Yunus Erdem.1
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SP474
THE RELATION BETWEEN APELIN LEVELS, ECHOCARDIOGRAPHIC PARAMETERS AND CAROTID INTIMA MEDIA THICKNESS IN PERITO-NEAL DIALYSIS PATIENTS

SP475
PLASMA HYDROGEN SULFIDE IMPROVES ERYTHROCYTE ELONGATION INDICES IN PATIENTS UNDERGOING PERITONEAL DIALYSIS.
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SP476
A NEW MARKER FOR ENDOTHELIAL FUNCTION IN PERITONEAL DIALYSIS PATIENTS: APELIN
Serhat Karadag, Meltem Gursu, Savas Ozturk, Zeki Aydin, Sami Uzun, Abdullah Sumnu, Egemen Cebeci, Eray Atalay, Rumeysa Kazancioglu. Internal Medicine, Kafkas Univ, Medical School, Kars, Turkey; Nephrology, Haseki Training and Research Hosp, Istanbul, Turkey; Nephrology, B.Z. Alem Vakif Univ, Istanbul, Turkey.
SP477  
FISTULA PROCEDURE RATES (FPR) AND PRESCRIBED DIALYSIS BLOOD FLOW RATE (BFR): FINDINGS FROM THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (DOPPS)  
KP McCullough,1 CE Lok,2 RJ Fluck,3 LM Spergel,4 VE Andreucci,5 J Fort,6 M Krishnan,7 RB Fissell,8 H Kawanishi,9 R Saran,10 FK Port,1 BM Robinson,1 RI Pisoni.1  
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chiya General Hosp, Tokyo, Japan; 10U. Michigan, Ann Arbor, MI, USA.

SP478  
NEW PROCEDURE THAT DOES NOT LEAD TO SCAB FORMATION AT BUTTONHOLE ENTRY SITE  
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SP479  
FAR INFRARED THERAPY IMPROVES ARTERIOVENOUS FISTULA MATURATION  
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SP480  
ARTERIOVENOUS FISTULA STENOSIS IN HEMODIALYSIS PATIENTS IS CHARACTERIZED BY AN INCREASED ADVENTITIAL FIBROSIS  
Simona Simone,1 Antonia Loverre,1 Marica Cariello,1 Chiara Divella,1 Giu-  
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SP481  
DYSFUNCTIONAL, NON MATURING OR THROMBOSED AVF: THE ROLE OF PERCUTANEOUS TRANSLUMINAL ANGIOPLASTY IN A LO-  
CAL EXPERIENCE.  
Silvia Mattei,1 Gianluca Pignatelli,2 Mattia Corradini,1 Alfredo Stefani,1 Achirpota Bosino,1 Francesco Iannuzzella,1 Augusto Vaglio,3 Antonio Ma-  
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SP482  
ASYMMETRICAL DIMETHYLARGININE PREDICTS PROGRESSIVE STE-  
notic DYSFUNCTION OF VASCULAR ACCESS DEMAND ANGIOPLA-  
STY  
Jenq-Shyong Chan,1 Tao-Cheng Wu,2 Prabir Roy-Chaudhury,3 Chun-Che Shih,4 Jau-Wen Chen.2  
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SP483
DOES BLOOD FLOW AFFECT VASCULAR ACCESS SURVIVAL?
Pedro Ponce,1 Caecilia Scholz,2 Pedro Gonçalves,1 Aileen Grassmann,2 Bernard Canaud,2 Daniele Marcelli.2
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SP484
RANDOMIZED TRIAL COMPARING NEW CHITOSAN-BASED BANDAGE WITH KALTOSTAT HEMOSTATIC DRESSING TO CONTROL BLEEDING FROM HEMODIALYSIS PUNCTURE SITE.
Shota Suzuki,1 Kazuhiko Shibata,2 Tadashi Kuji,3 Seiichi Kawata,3 Naoaki Koguchi,4 Masahiro Nishihara,4 Hidehisa Satta,4 Yoshiyuki Toya,1 Satoshi Umemura.1
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SP485
NOVEL APPROACH TO REDUCE THE BURDEN OF NEOINTIMAL HYPERPLASIA IN ARTERIOVENOUS FISTULAE
Richard Corbett,1 Nicolo Demicheli,2 Francesco Iori,2 Lorenzo Grechy,2 Ravi Khiroya,2 David Ellis,1 Jeremy Crane,1 Mohamad Hamady,3 Wladyslaw Gerdroyc,3 Neill Duncan,1 Peter Vincent,2 Colin Caro.4
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SP486
MRSA AND MSSA CARRIAGE IN A COHORT OF HAEMODIALYSIS PATIENTS: PREVALENCE AND SHORT TERM OUTCOMES.
Nadia Sarween,1 Anna Price,1 Sarah Powers,1 Clive Allen,1 Madelaine Holland,2 Ishita Gupta,2 Jyoti Baharani.1
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SP487
DOES CANNULATION TECHNIQUE IMPACT AV-FISTULA AND GRAFT SURVIVAL?
Maria Teresa Parisotto, Volker Schoder, Peter Kaufmann, Cristina Mirinuis, Aileen Grassmann, Daniele Marcelli.
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SP488
TYPE OF VASCULAR ACCESS AND LOCATION IN END-STAGE RENAL DISEASE PATIENTS UNDER ONLINE-HEMODIALYSIS AND ITS ASSOCIATION WITH PATIENT’S PERCEPTION OF HEALTH-RELATED QUALITY OF LIFE
Alexandra Moura,1 José Madureira,2 Pablo Alija,2 João Fernandes,3 José Gerardo Oliveira,4 Martin Lopez,5 Madalena Felgueiras,6 Leonilde Amado,7 Maria Sameiro-Faria,7 Vasco Miranda,7 Margarida Vieira,1 Alice Santos-Silva,8,9 Elísio Costa.8,9
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SP489
THE DIABETES AFFECTS THE PATIENTS SURVIVAL BUT NOT THE VASCULAR ACCESS PATENCY
Paola David, Federica Capurro, Maddalena Brustia, Andreana De Mauri, Carlo Edoardo Ruva, Doriania Chiarinotti, Luciana Gravellone, Martino De Leo.
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SP490 IMPACT OF ECHOCARDIOGRAPHIC LEFT ATRIAL RELATED PARAMETERS ON 1-YEAR ARTERIOVENOUS FISTULA OUTCOME IN PREVALENT HAEMODIALYSIS PATIENTS


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SP491 VARIABILITY OF ACCESS BLOOD FLOW RATE WITHIN AND BETWEEN HEMODIALYSIS SESSIONS

Csaba Rikker, Edina Juhász, László Tornóci, Szilveszter Tóvárosi, Judit Greguschik, László Rosivall.

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SP492 VASCULAR ACCESS ULTRASOUND BY NEPHROLOGY: FROM ROUTINE MAPPING TO SURVEILLANCE UNDER PROTOCOL. PROSPECTIVE STUDY OF 500 CASES

Jose Ibeas, Juan Valeriano, Joaquim Vallespin, Jose R Fortunño, Angel Rodriguez-Jornet, Carme Cabré, Josefa Ramirez.

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SP493 DIAGNOSTIC ACCURACY OF ARTERIAL LINE BLOOD GAS MEASUREMENTS AS AN ESTIMATE OF ARTERIOVENOUS FISTULA RECIRCULATION

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SP494 A NEW MODEL OF HAEMODIALYSIS LONG-TERM CATHETER WITH DOUBLE CUFF.

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SP495 HIGH LEVEL OF PLASMA MALONDIALDEHYDE AND RISK FACTORS FOR THE DEVELOPMENT OF ARTERIOVENOUS FISTULA THROMBOSIS

Zorica Dimitrijevic, Tatjana Cvetkovic, Karolina Paunovic, Miomir Stejanovic, Stanimir Ljubenovic, Branka Mitic, Vidojko Djordjevic.

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SP496 DOES SPECIFIC TRANSONIC FLOW QC®SET USEFUL FOR MEASUREMENT OF FISTULA BLOOD FLOW?

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SP497
JUXTA-ANASTOMOTIC STENOSIS OF NATIVE VASCULAR ACCESS: PROSPECTIVE STUDY OF SURGICAL TREATMENT VERSUS ANGIOPLASTY
Jose Ibeas,1 Joaquín Vallespin,2 Jose R Fortuño,3 Jana Merino,2 Xavier Viñuela,1 Jordi Branneta,3 Alexis Mateos,3 Valle Jimeno,3 María I Bolo,1 Angel Rodríguez-Jornet,1 Antonio Gimenez,2 Manuel Garcia,1
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SP498
SURVIVAL OF PTFE GRAFTS VS. TUNNELED CUFFED CATHETERS (TCCS) FOR HEMODIALYSIS
Gabriele Donati,1 Anna Scriver,1 Giuseppe Cancio,1 Gaetano La Massa,1 Laura Panici,1 Paola Ruoci,2 Antonio Marchetti,2 Emanuela Giampalma,3 Maria C. Galaverni,3 Rita Golferi,3 Sergio Stefoni,1
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SP499
IMPLANTATION OF CENTRAL VENOUS CATHETERS FOR HEMODIALYSIS COMBINED WITH THE TRANSLUMINAL ANGIOPLASTY OF CENTRAL VEINS: THE SAFETY EVALUATION.
Ilya Skornyakov, Nikolai Kiselev, Anna Rozhdestvenskaya, Alexei Styolar. Sverdlovsk Regional Clinical Hosp 1, Yekaterinburg, Russian Federation.

SP500
18 MONTHS PRIMARY PATENCY RATE IN NATIVE ARTERIOVENOUS FISTULA IN HEMODIALYSIS PATIENTS: SINGLE CENTRE EXPERIENCE
Paolo Ancarani,1 Eugenio Devoto,2 Giovanni Dardano,2
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SP501
DETERMINATION OF RELIABILITY OF SOME TESTS IN EVALUATING AV FISTUL FLOW RATE IN HEMODIALYSIS PATIENTS
Yasemin Coşkun Yavuz,1 Nedim Yılmaz Selçuk,1 Ibrahim Güney,2 Lütfüullah Altuntep.2
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SP502
SUPECTED CATHETER-RELATED BLOODSTREAM INFECTION – NON-TUNNELED VS TUNNELED HEMODIALYSIS CATHETERS

SP503
OUTCOMES OF NATIVE ARTERIOVENOUS FISTULA IN HEMODIALYSIS PATIENTS OVER 65 YEARS OF AGE
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SP504
VASCULAR ACCESS IN DIALYZED PATIENTS OVER 70 YEARS OLD
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SP505
ULNAR-BASILIC DIRECT ARTERIOVENOUS FISTULA (UBAVF) AT WRIST FOR HEMODIALYSIS: REVIEW OF LITERATURE AND OUR EXPERIENCE.
Jacopo Scrivano, Laura Pettorini, Anna Giuliani, Giorgio Punzo, Paolo Menè, Nicola Pirozzi. Nephrology Unit, Sapienza Univ, Rome, Italy.
SP506
THE IMPACT OF PRESENCE OF PERIPHERAL ARTERIAL DISEASE ON OUTCOME AFTER PERCUTANEOUS TRANSLUMINAL ANGIOPLASTY FOR ARTERIOVENOUS FISTULA: A 1-YEAR RETROSPECTIVE ANALYSIS
Mustafa Balci, Ayşe thựrkekavan, Sibel Mandiroğlu, Baris Afşar, Fahri Mandiroğlu, Ali Kirkpantur
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SP507
IS CARPAL TUNNEL SYNDROME RELATED WITH VENOUS HYPERTENSION IN EARLY HEMODIALYSIS PATIENTS?
İsmail Kocyigit, Aydin Unal, Ahmet Guney, Ertugrul Mavili, Kemal Deniz, Murat Hayri Sipahioglu, Eray Eroglu, Bulent Tokgoz, Oktay Oymak, Ali İhsan Gunağul
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SP508
SUPERFICIALIZED BRACHIOBASILIC FISTULA FORMED AS A 1-STEP OR AS A SECOND PROCEDURE. WHAT IS THE BEST?
Karima Boubaker, Hayet Kaaroud, Adel Kheder.
Charles Nicole Hosp, Tunis, Tunisia.

SP509
VASCULAR ACCESS STENOSIS: INTIMA MEDIA THICKNESS ULTRASOUND SURVEILLANCE. FROM BASIC TO A RISK PREDICTOR?
José Ibañez, Marta Vidal, Joaquim Vallespin, María Jose Amengual, Jana Merino, Ruth Orellana, Isabel Sanfelitu, Angel Rodriguez-Jornet, Xavier Vinuesa, Dolores Marquina, Mercedes Xirinachs, Estrella Sanchez, Carmen Moyá, Josefia Ramirez, Merce Rey, Antonio Gimenez, Manuel García
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SP510
THE SIGNIFICANCE OF ULTRASOUND VASCULAR MAPPING BEFORE THE CREATION OF ARTERIO-VENOUS FISTULA FOR HEMODIALYSIS.
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SP511
OUTCOMES OF VASCULAR ACCESS CREATION -ARTERIOVENOUS FISTULA PRIOR TO HEMODIALYSIS.
Vesna D Gerasimovska, Biljana D Gerasimovska-Kitanovska, Aleksandar Sikole.
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SP512
EARLY COMPLICATIONS OF PERCUTANEOUS PLACEMENT OF TUNNELED DIALYSIS CATHETERS.
Ewa Weber, Dorota Adrych, Wojciech Wołyniec, Tomasz Liberek, Bolesław Rutkowski
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SP513
THE IMPACT OF DIFFERENTIAL WHITE BLOOD CELL COUNT ON PRIMARY ARTERIOVENOUS FISTULA FAILURE
Baris Afşar.
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SP514
VASCULAR CLAMPS USED FOR ACCESS PROCEDURES MAY CAUSE A VASCULAR ACCESS FAILURE ON SOME FUTURE OCCASION.
Kenichi Oguchi, Tokuya Nakahara, Machiko Okamoto, Hitoshi Iwabuchi, Manabu Asano.
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SP515
VASCULAR HETEROGRAFTS IN HEMODIALYSIS: COMPARISON BETWEEN UNIPUNCTURE AND BIPUNCTURE TECHNIQUE
Oana Rap,1 Mariapilar Ruiz-Valverde,1 Josea. Rodriguez-Murillo,2 Josepm. Mallafre-Anduig,1
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SP516
ASSOCIATION BETWEEN VASCULAR ENDOTHELIAL GROWTH FACTOR AND THROMBOSIS OF NATIVE ARTERIOVENOUS FISTULA IN PATIENTS ON MAINTENANCE HEMODIALYSIS
Montasser M Zeid,1 Akram A Deghady,2 Heba S Elshair,1 Noha A Elkholy,1
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SP517
THE PREOPERATIVE VASCULAR MAPPING WITH DUPLEX ULTRASONOGRAPHY IN SUCCESSFUL VASCULAR ACCESS CREATION
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SP518
SINGLE-CENTER EXPERIENCE OF TUNNELED HEMODIALYSIS CATHER INSERTION WITHOUT FLUOROSCOPY
Dept Internal Medicine, Yeungnam Univ Hosp, Daegu, Korea.
ANAEMIA IN CKD 5D

SP521
TIME TO INITIAL DOSE STABILITY AFTER CONVERSION TO PEGINESATIDE IN HEMODIALYSIS PATIENTS
Ashraf Mikhail,1 Mark Kaplan,1 Iain C. Macdougall,1 Rebecca J. Schmidt,1 Anjay Rastogi,1 Whedy Wang,2 Sandra Tong,2 Martha R. Mayo,2 Nina Oestreicher,2 Brigitte Schiller.1
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SP523
PEGINESATIDE ENHANCES ERYTHROID PROGENITOR RECRUITMENT AND CELL SURFACE ERYTHROPOIETIN RECEPTOR EXPRESSION
Jennifer M Green,1 Rakesh Verma,2 Karen Leu,1 Richard B Murtensen,1 Peter R Young,1 Peter J Schatz,1 Don M Wojcikowski.2
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SP524
CONTINUOUS ERYTHROPOIETIN RECEPTOR ACTIVATOR (C.E.R.A.) PROMOTES IRON RECRUITMENT FROM RETICULOENDOTHELIAL CELLS THROUGH INTENSIVE SUPPRESSION OF HEPCIDIN LEVELS IN MICE
Yasushi Shimonaka,1 Yusuke Sasaki,1 Keigo Yorozu,1 Mariko Noguchi Sasaki,1 Katsuya Ikuta,2 Yutaka Kohgo.2
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SP525
COMPATIBILITY OF I.V. AND S.C. INJECTION OF CONTINUOUS ERYTHROPOIETIN RECEPTOR ACTIVATOR (C.E.R.A.) EFFICACY IS CONFIRMED NOT ONLY BY INCREASE OF RED BLOOD CELLS AND RETICULOCYTES BUT ALSO BY ERYTHROBLAST MATURATION KINETICS AND IRON DYNAMICS

SP526
EFFECT OF C.E.R.A. ON MAINTAINING HEMOGLOBIN LEVELS WITH IMPROVING IRON METABOLISM IN PERITONEAL DIALYSIS PATIENTS

SP527
TSAT & FERRITIN LEVELS AND RELATIONS TO OTHER ANEMIA-RELATED VARIABLES: CURRENT EUROPEAN HEMODIALYSIS PRACTICES
B M Robinson,1 M Larkina,1 D A Goodkin,1 Y Li,1,2 F Locatelli,3 J Nolen,4 W Kleophas,5 R L Pisoni.1
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SP528
PREDICTING TRANSFUSION RISKS AMONG HEMODIALYSIS PATIENTS
Scott Sibbel, Steven Brunelli, Mahesh Krishnan. DaVita Clinical Research, Minneapolis, MN, USA.
SP530
IRON DYNAMICS IN HEMODIALYSIS PATIENTS RECEIVING EPOETIN-BETA OR CONTINUOUS ERYTHROPOIETIN RECEPTOR ACTIVATOR (C.E.R.A.)
Masanobu Horie,1 Eizou Hasegawa,1 Ken-Ichi Minoshima,1 Yasushi Shimokanaka.2

SP531
RED CELL DISTRIBUTION WIDTH (RDW) IS AN INDEPENDENT PREDICTOR OF RESISTANCE TO ERYTHROPOIESIS-STIMULATING AGENTS (ESA) IN PATIENTS ON MAINTENANCE HEMODIALYSIS (HD) AND PERITONEAL DIALYSIS (PD).
Csaba Ambrus,1 Lóránt Kerkovits,1 János Szegedi,1 Attila Benke,1 Eszter Tóth,1 Lajos Nagy,1 Béla Borbás,1 Antal Rozinka,1 József Németh,1 Gábor Varga,1 Imre Kulcsár,1 László Gergely,1 Szilvia Szakony,2 István Kiss.1
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SP532
DELTA-HE - A NOVEL MARKER OF ERYTHROPOIESIS AND INFLAMMATION - PREDICTS MORTALITY IN PERITONEAL DIALYSIS (PD) PATIENTS.
K Danielson,2 A R Qureshi,1 O Heimbürger,4 P Stenvinkel,4 B Lindholm,1 B Hylander-Rössner,4 G G Germanis,3 M Hansson,2 S Beshara,2 P Bárány.4
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SP533
FROM GUIDELINE TO INDIVIDUAL PRESCRIPTION: THE CASE OF ERYTHROPOIESIS-STIMULATING AGENTS (ESA)
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SP534
DOPPS-IDENTIFIED MODIFIABLE PRACTICES IN HAEMODIALYSIS (HD) PATIENTS IN THE EUROPEAN MONITOR-CKD5 (2010-12) STUDY COMARED TO DOPPS (2002-03): SIGNIFICANTLY BETTER QUALITY OF HD CARE WITH DISPARITIES
Christian Combe,1 Adrian Covic,2 David Goldsmith,3 Philippe Zaoui,4 Lore- to Gesualdo,5 Gerard London,6 Frank Dellanna,7 Matthias Turner,9 Michael Muenzberg,9 Karen Macdonald,10 Kris Denhaerynck,10 Ivo Abraham.10
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SP535
INTRADIALYTIC HYPERTENSION AND ERYTHROPOEITIN RESISTANCE: MULTIVARIATE EXPLANATORY FACTORS ANALYSIS.

SP536
CHANGES IN HEPcidIN AND RETICULOCYTE HEMOGLOBIN EQUIVA- LENT LEVELS IN RESPONSE TO CONTINUOUS ERYTHROPOEITIN ACTI- VATOR ADMINISTRATION IN HEMODIALYSIS PATIENTS
Tadashi Kuji,1,2 Tetsuya Fujikawa,2 Midori Kakimoto-Shino,2 Kazuhiko Shi- bata,1 Yoshiyuki Toya,2 Satoshi Umemura.2
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SP537  
LONG-TERM EFFECTS OF CORRECTION OF ANEMIA WITH RECOMBINANT HUMAN ERYTHROPOIETIN (rEPO) ON BLOOD VOLUME IN CHRONIC HEMODIALYSIS PATIENTS  
Nedeljko Topuzović,1 Ivan Mihaljević,1 Vesna Rupčić.2  
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SP538  
CHANGING FROM DARBEPOETIN TO EPOETIN ZETA – WHAT IS THE CONVERSION FACTOR IN HEMODIALYSIS PATIENTS?  
 Gunnar Sterner, Naomi Clyne.  
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SP539  
EFFECTIVENESS OF BIOSIMILAR EPOETIN ALFA: YEAR-ONE RESULTS OF HB AND BINOCRET® DOISING STABILITY IN THE EUROPEAN (EU) MONITOR-CRD5 PHARMACOEPIDEMIOLOGICAL STUDY OF ANEMIA IN HAEMODIALYSIS  
Johannes Mann,10 Frank Dellanna,2 Gerard London,3 Christian Combe,4 Adrian Covic,5 Loreto Gesualdo,6 David Goldsmith,7 Philippe Zaoui,8 Matthew Turner,9 Michael Muenzberg,9 Karen Macdonald,10 Kris Denhaerynck,10 Ivo Abraham,10  
1Friedrich Alexander Univ Erlangen-Nurnburg, Munich, Germany; 2Dialysezentrum, Dusseldorf, Germany; 3Centre Hosp FH Manhes, Fleury-Merogis, France; 4Centre Hosp Bourdeaux, Bordeaux, France; 5Gf Popa Univ Hosp Medicine and Pharmacy, Iasi, Romania; 6Univ Studi Bari, Bari, Italy; 7Guy’s and St Thomas’ NHS Foundation Hosp, London, UK; 8Univ Grenoble, Grenoble, France; 9Sandoz Biopharmaceuticals, Holzkirchen, Germany; 10Matrix 45, Earlysville, USA.

SP540  
REDUCTION IN ERYTHROPOIESIS-STIMULATING AGENT REQUIREMENTS AFTER INTRAVENOUS FERRIC CARBOXYMALTOSE IN ND-CKD PATIENTS PREVIOUSLY ON ORAL IRON THERAPY  
Jorge E. Toblli, Federico P. Di Gennaro.  
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SP541  
ERYTHROPOIESIS STIMULATING AGENTS IN PD PATIENTS – GENDER DEPENDANT DIFFERENCES  
Michał Chmielewski, Piotr Jagodzinski, Monika Lichodziejewska-Niemierko, Bolesław Rutkowski.  
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SP542  
SMALLER MEAN CORPUSCULAR VOLUME, LOW HEPCIDIN-25 AND FERRITIN LEVELS MAY PREDICT BETTER RESPONSE TO ORAL IRON THERAPY FOR IRON DEFICIENCY ANAEMIA IN HEMODIALYSIS PATIENTS  
Kazuya Takasawa,1 Chikako Takaeda,1 Horishi Ueda,2 Masato Higuchi,3 Teiryo Maeda,4 Naohisa Tomosugi,5  
1Renal Div, 2Pediatrics, Public Central Hosp Matto Ishikawa, Hakusan/Kuramitsu, Ishikawa, Japan; 3Nephrology, Nephrology/Medical Care Proteomics Biotechnology Co., Ltd., Uchinada, Ishikawa, Japan; 4Nephrology, Biomarker Society, Kawasaki/Nakahara, Kanagawa, Japan; 5Nephrology, Kanazawa Medical University, Uchinada, Ishikawa, Japan.

SP543  
THE ROLE OF HIGH SERUM HEPCIDIN IN HYPORESPONSIVENESS TO ERYTHROPOIETIN THERAPY IN ANEMIC HEMODIALYZED PATIENTS  
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SP544  
IS HEMOGLOBIN CHANGE DURING HEMODIALYSIS SIGNIFICANT?  
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SP545
IMPROVEMENT OF ESA RESPONSIVENESS IN HEMODIALYSIS PATIENTS TREATED BY HIGH CUT-OFF HEMODIALYSIS – PILOT STUDY (CIEPO-PILOT)
Giorgio Romei Longhena,1 Werner Beck,2 Ariane Liebchen,2 Ugo Teatini.1
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SP546
ANAEMIA MANAGEMENT IN HEMODIALYSIS PATIENTS TREATED BY ANTIPLATELET AGENTS AND/OR VITAMIN K ANTAGONISTS.

SP547
EFFECTS OF IRON PARAMETERS ON PLATELET COUNTS IN HEMODIALYSIS PATIENTS
Kiyomi Koike,1 Kei Fukami,1 Kazumasa Shimamatsu,2 Atsushi Kawaguchi,3 Seiya Okuda.1
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PATHOPHYSIOLOGY AND CLINICAL STUDIES IN CKD 5D

SP548
CORRELATES OF INTRADIALYTIC CHANGE IN SERUM SODIUM: THE ROLES OF PRE-DIALYSIS DIALYSATE-TO-SERUM SODIUM GRADIENT AND TREATMENT TIME.
Jochen G Raimann,1 Frank Gotch,1 Marcia Keen,2 Peter Kotanko,1 Nathan W Levin,1 Andreas Piertatos,3 Robert Lindsay.4
1Renal Research Inst, New York, USA; 2ML Keen & Associates, San Francisc o, USA; 3Univ Toronto, Toronto, Canada; 4London Health Sciences Centre, London, Canada.

SP549
ADEQUATE SODIUM PROFILING EFFECTS GOOD QUALITY OF DIALYSIS AND SODIUM & FLUID BALANCE
Galina Severova-Andreevska, Lada Trajceska, Saso Gelev, Gjulsen Selim, Aleksandar Sikole.
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SP550
IODINATED CONTRAST MEDIA CAN INDUCE LONG-LASTING OXIDATIVE STRESS IN HEMODIALYSIS PATIENTS
Soo Young Yoon,1 Seun Deuk Hwang,1 Deok Kyu Cho,2 Yun Hyeong Cho,2 Sung Jin Moon,1
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SP551
SPLANCHNIC ISCHEMIA IS UNLIKELY TO OCCUR WITH MODERATE ULTRAFILTRATION DURING HEMODIALYSIS
Werner Ribitsch,1 Philipp J Schreiner,2 Matthias Uhligmann,2 Gernot Schil cher,1 Vanessa Stadlbauer,3 Joerg H Horina,1 Alexander R Rosenkranz,1 Daniel Schmeditz.2
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SP552
ACE INHIBITOR THERAPY CAN INFLUENCE THE EFFECT OF ACE I/D POLYMORPHISM ON SURVIVAL IN CKD-5D PATIENTS

SP553
WHAT ARE THE PREDICTORS OF BACTEREMIA IN FEBRILE HEMODIALYSIS PATIENTS AT THE FIRST HOSP VISIT? : A MULTICENTRE COHORT STUDY
Sho Sasaki,1 Masahito Miyamoto,2 Atsushi Nomura,3 Kenichiro Koitabashi,4 Hiroki Nishiwaki,5 Tomo Suzuki,5 Daisuke Uchida,1 Hiroo Kawarazaki,1 Yugo Shibagaki,1 Kenjiro Kimura.1
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SP554
EFFECT OF DIFFERENT DIALYTIC TREATMENT ON T-REGULATORY LYMPHOCYTES IN HEMODIALYSIS PATIENTS
Carmelo Libetta, Claudia Martinelli, Elisa Margiotta, Ilaria Borettazz, Michele Caneveri, Pasquale Esposito, Vincenzo Sepe, Antonio Dal Canton. 
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SP552
ACE INHIBITOR THERAPY CAN INFLUENCE THE EFFECT OF ACE I/D POLYMORPHISM ON SURVIVAL IN CKD-5D PATIENTS

SP553
WHAT ARE THE PREDICTORS OF BACTEREMIA IN FEBRILE HEMODIALYSIS PATIENTS AT THE FIRST HOSP VISIT? : A MULTICENTRE COHORT STUDY
Sho Sasaki,1 Masahito Miyamoto,2 Atsushi Nomura,3 Kenichiro Koitabashi,4 Hiroki Nishiwaki,5 Tomo Suzuki,5 Daisuke Uchida,1 Hiroo Kawarazaki,1 Yugo Shibagaki,1 Kenjiro Kimura.1
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SP555
VASCULAR EFFECTS OF FGF23 IN HAEMODIALYSIS PATIENTS
Panagiotis Pateinakis,1 Chrysostomos Dimitriadis,1 Aikaterini Papagianni,1 Stella Douma,2 Georgios Efstratiadis,1 Dimitrios Memmos.1
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SP556
WEIGHT BASED DOSING OF VANCOMYCIN IN HIGH FLUX HAEMODIALYSIS IMPROVES TIME SPENT BELOW TROUGH THERAPEUTIC LEVELS
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SP557
DOES ACE INHIBITORS ADMINISTRATION INDUCE HYPOSALIVATION AND ENHANCES THIRST AND WEIGHT GAIN IN PATIENTS ON MAINTEINANCE HEMODIALYSIS?
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SP558
THE 7-84 PTH FRAGMENTS MIGHT BE ASSOCIATED WITH ESA-HYPORESPONSIVE ANAEMIA IN HEMODIALYZED PATIENTS.
Yukiko Hasuike, Kimihiko Yanase, Sayuri Hamahata, Takanori Nagai, Mana Yahiro, Shoji Kaibe, Aritoshi Kida, Yasuyuki Nagasawa, Takahiro Kuragano, Takeshi Nakanishi.
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SP559
IS THERE AN ASSOCIATION BETWEEN COPEPTIN AND NT-proBNP IN HEMODIALYSIS PATIENTS?
Jae Seok Kim, Jae Won Yang, Seung Ok Choi, Byoung Geun Han.
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SP560
OUTCOME OF CHRONIC LIVER DISEASE IN PATIENTS WITH END-STAGE RENAL DISEASE
Jae Hyun Chang, Ae Jin Kim, Hyung Soo Kim, Han Ro, Ji Yong Jung, Hyun Hee Lee, Wookyung Chung.
Gachon Univ Medicine and Science, Incheon, Korea.

SP561
CAN LONG TIME/HIGH DOSE HEMODIALYSIS, LTD DECREASE IN SERUM INTERLEUKIN-6, IL-6, TUMOR NECROTIC FACTOR-a, TNF-a AND FIBROBLAST GROWTH FACTOR-23, FGF-23?
Hiroshi Tanaka,1 Tomoyuki Kita,2 Kumi Okamoto,2 Maki Mikami,2 Rumi Sakai.1
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SP562
IN VIVO EFFECT OF VITAMIN E-MODIFIED MULTILAYER HEMODIALYSIS FILTER ON INDOLEAMINE 2,3-DIOXYGENASE ACTIVITY IN HEMODIALYZED PATIENTS
Carmelo Libetta,1 Michele Canevari,1 Claudia Martinelli,1 Ilaria Borettaz,1 Elisabetta Margiotta,1 Elisa Lojacono,2 Barbara Votta,2 Teresa Rampino,1 Marilena Gregorini,1 Alessandro Amore,2 Rosanna Coppo,2 Antonio Dal Canton.1
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SP563
LOW DOSE NICOTINAMIDE AS AN ADJUNCTIVE THERAPY TO CALCIUM CARBONATE FOR CONTROL OF HYPERPHOSPHATEMIA IN HEMODIALYSIS PATIENTS
Magdy M S Elsharkawy,1 Mostafa Kamel,1 Manal Elhamamsy,2 Shaimaa Al-lam.2
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SP564
CLINICAL SIGNIFICANCE OF SERUM MAGNESIUM LEVEL ON ENDOTHELIAL FUNCTION IN END-STAGE RENAL DISEASE UNDERGOING HEMODIALYSIS
Jung-Hwa Ryu, Shina Lee, Sung Chul Hong, Seung-Jung Kim, Duk-Hee Kang, Dong-Ryeol Ryu, Kyu Bok Choi.
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SP565
THE RELATIONSHIP BETWEEN ERYTHROPOIETIN AND ENDOTHELIAL DYSFUNCTION IN CHRONIC RENAL FAILURE ON HEMODYALISIS PATIENTS
Tuba Kiraz,1 Ahmet Ugur Yalcin,2 Meltem Olga Akay,3 Garip Sahin,2 Ahmet Musmurl.4
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SP566
SEASONALITY OF VITAMIN D AND VITAMIN D DEFICIENCY IN CHRONIC HEMODIALYSIS PATIENTS
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SP567
CORRELATION OF SOUNDS OF SHUNT DETECTED BY ELECTRONIC STETHOSCOPE AND BLOOD PRESSURE IN PATIENTS WITH HEMODIALYSIS
Yuka Kamijo,1 Hayato Horiuchi,2 Hidekazu Iida,1 Katsunori Saito,1 Rie Furuta,1 Yoshitaka Ishibashi,1
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SP568
SPONDYLODISCITIS AND HEMODIALYSIS
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SP569
SURVIVAL AMONG OCTOGENARIAN PATIENTS ENTERING HEMODIALYSIS
Massimo Torreggiani, Nicoletta Serpieri, Marta Arazzi, Vittoria Esposito, Marta Calatroni, Edoardo La Porta, Davide Catucci, Giovanni Montagna, Luca Semeraro, Emanuela Efficac, Valter Piazza, Loredana Picardi, Giuseppe Villa, Ciro Esposito.
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SP570
FRAILTY AND ITS CORRELATES IN A HEALTHY SUBSET OF THE PREVALENT MAINTENANCE DIALYSIS PATIENTS
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SP571
COGNITIVE IMPAIRMENT IN HAEMODIALYSIS PATIENTS – 1 YEAR FOLLOW UP
Hristos Karakizlis,1 Katharina Bohl,2 Birgit Kortus-Goetze,1 Richard Dodel,2 Joachim Hoyer.1
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SP572
COGNITIVE FUNCTIONS AMONG ELDERLY HEMODIALYSIS PATIENTS
Ahmet Cinar,1 Rumeyza Kazanciglu,1 Ahmet Turan Isik,2 Emine Aydemir,1 Bilal Gorcin.3
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SP573
EFFECT OF HAEMODIALYSIS ON COGNITIVE FUNCTION IN END STAGE RENAL DISEASE PATIENT
Josipa Radic,1 Dragan Ljutic,1 Mislav Radic,1 Vedran Kovacic,1 Milenka Sain,1 Katarina Dodig Curkovic.2
1Univ Hosp Split, Split, Croatia; 2Univ Hosp Osijek, Osijek, Croatia.

SP576
ATORVASTATIN (ATO) TREATMENT IS ASSOCIATED WITH A NON-SPECIFIC INCREASE IN MONOCYTE CD36 EXPRESSION IN HEMODIALYSIS (HD) PATIENTS
Alicja E. Grzegorzewska,1 Leszek Niepolski,2 Jan Sikora,3 Paweł P. Jagodziński,4 Anna Sowińska.5
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SP577
TOWARD PERSONALIZED HAEMODIALYSIS BY LOW MOLECULAR WEIGHT AMINO-CONTAINING COMPOUNDS: FUTURE PERSPECTIVE OF PATIENT METABOLIC FINGERPRINT
Vittorio Siroli,1 Claudia Rossi,2,3 Augusto Di Castelnuovo,4 Paolo Felaco,1 Luigi Amoroso,1 Mirco Zucchelli,2,3 Domenico Ciavardelli,2,5 Paolo Sacchetta,2,3 Andrea Urbani,6,7 Arduino Ardun,5 Mario Bononimi,5
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SP578
EICOSAPENTAENOIC ACID (EPA) IS AN INDEPENDENT PREDICTOR OF ALL-CAUSE MORTALITY IN HEMODIALYSIS PATIENTS.
Tomoko Inoue,1 Kazuhiro Okano,1,2 Yuko Tsuruta,1 Yukio Tsuruta,3 Ken Tsuchiya,1,2 Takashi Akiba,2 Kosaku Nitta,1
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SP579
DISTRIBUTION OF MONOCYTE CHEMOTACTANT PROTEIN-1 (MCP-1) -2518 A/G POLYMORPHISM IN HEMODIALYSIS (HD) PATIENTS COMPARED TO CONTROLS
Alicja E. Grzegorzewska,1 Dominik Pajzderski,1 Anna Sowińska,2 Paweł P. Jagodziński,3
1Dept Nephrology, Transplantology and Internal Diseases, 2Dept Computer Science, 3Dept Biochemistry and Molecular Biology, Univ Medical Sciences, Poznań, Poland.
EPIDEMIOLOGY CKD 5D - A

SP580
PERIODONTAL DISEASE AND ALL CAUSE AND CARDIOVASCULAR MORTALITY IN HEMODIALYSIS PATIENTS: A PROSPECTIVE MULTINATIONAL COHORT STUDY
Suetonia Palmer,1 Marinella Ruospo,2 Fabio Pelligrini,3 Giovanni Fm Strippoli.2
1Univ Otago, Christchurch, New Zealand; 2Diaverum Medical Scientific Office, Lund, Sweden; 3Mario Negri Sud Consortium, S.Maria Imbaro, Italy.

SP581
THIRST AND ORAL SYMPTOMS IN PEOPLE ON HEMODIALYSIS: A MULTINATIONAL PROSPECTIVE COHORT STUDY (ORAL-D)
Suetonia Palmer,1 Marinella Ruospo,2 Patrizia Natale,2 Valeria Saglimbene,3 Fabio Pellegrini,3 Jonathan C Craig,4 Jorgen Hgbrant,2 Giovanni Fm Strippoli.2
1Univ Otago, Christchurch, New Zealand; 2Diaverum Medical Scientific Office, Lund, Sweden; 3Mario Negri Sud Consortium, S.Maria Imbaro, Italy; 4Univ Sydney, Sydney, Australia.

SP582
ECO-FRIENDLY DIALYSIS WITH THE SYSTEMIC DESIGN METHODOLOGY: AN ECO-FRIENDLY DIALYSIS MAY START FOR “THE GRAVE”
Martina Ferraresi,1 Amina Pereno,2 Natascia Castelluccia,4 Roberta Clari,1 Irene Moro,1 Nicoletta Colombi,4 Gerardo Di Giorgio,3 Silvia Barbero,2 Giorgina B Piccoli,1
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SP583
IMPACT OF POTENTIAL CONFOUNDERS ON COMPARISONS BETWEEN USA FOR-PROFIT AND NONPROFIT DIALYSIS PROVIDERS
Mahesh Krishnan,1,2 T Christopher Bond,1 Steven Brunelli,1 Allen Nissenson.2
1DaVita Clinical Research, Minneapolis, MN, USA; 2DaVita Healthcare Partners, Inc., Denver, CO, USA.

SP584
HEALTH BELIEFS RELATED TO SALT-RESTRICTED DIET IN A SAMPLE OF TURKISH PATIENTS ON HEMODIALYSIS
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Dept Internal Medicine Nursing, School Nursing, Gulhane Military Medical Academy, Ankara, Turkey.

SP585
FLUID INTAKE, MORTALITY AND KIDNEY FUNCTION: A COHORT STUDY
Suetonia Palmer,1 Germaine Wong,2 Jonathan C Craig,2 Giovanni Fm Strippoli.3
1Univ Otago, Christchurch, New Zealand; 2Univ Sydney, Sydney, Australia; 3Diaverum Medical-Scientific Office, Lund, Sweden.

SP586
FACTORS INFLUENCING REGIONAL DIFFERENCES IN THE SURVIVAL OF INCIDENT DIALYSIS PATIENTS
Norio Hanafusa, Kenji Wakai, Kunitoshi Iseki, Yoshiharu Tsubakihara, Satoshi Ogata.
Committee Renal Data Registry, Japanese Society for Dialysis Therapy, Tokyo, Japan.

SP587
LONGER DURATION OF PRE-DIALYSIS NEPHROLOGY CARE IMPROVES BOTH SHORT-TERM AND LONG-TERM SURVIVAL IN DIABETIC DIALYSIS PATIENTS
Boris Bikbov,1,2,3 Natalia Tomilina.1,2,3
1Chair Nephrology, A.I. Evdokimov Moscow State Univ Medicine and Dentistry, Moscow, Russian Federation; 2Dept Nephrology Issues of Transplanted Kidney, Academician V.I. Shumakov Federal Research Center of Transplantology and Artificial Organs, Moscow, Russian Federation; 3Moscow City Nephrology Center, Moscow City Hospital 52, Moscow, Russian Federation.
SP588
EMERGING FACE OF END-STAGE RENAL DISEASE REQUIRING RENAL REPLACEMENT THERAPY IN TURKEY BETWEEN 2000-2011
Gultekin Suleymanlar,1 Mehmet Riza Altiparmak,2 Nurhan Seyahi,2 Sinan Trabulas,2 Kamil Serdengecti.2
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SP589
ONCE INFECTION AFTER PNEUMOCOCCAL PNEUMONIAE INCREASES SUBSEQUENT RISK OF END-STAGE RENAL DISEASE IN ADULT PATIENTS
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SP590
ORAL HYGIENE HABITS IN PEOPLE ON HEMODIALYSIS: A MULTINATIONAL PROSPECTIVE COHORT STUDY (ORAL-D)
Suetonia Palmer,5 Marinella Ruospo,1 Patrizia Natale,1 David W Johnson,3 Jonathan C Craig,4 Letizia Gargano,1 Valeria Saglimbene,2 Fabio Pellegrini,2 Giovanni Fm Strippoli.1
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SP591
CLINICAL ANALYSIS OF THE LARGEST NUMBER OF PREGNANT WOMEN IN HD & THEIR CHILDREN IN ARGENTINA
Amelia R. Bernasconi, Rosa Waisman, Alicia Lapidus, Patricia Montoya, Ricardo Heguilen.

SP592
IMPACT OF SUBCLINICAL HYPOTHYROIDISM ON CARDIOVASCULAR OUTCOMES IN PATIENTS WITH CHRONIC KIDNEY DISEASE STARTING DIALYSIS TREATMENT
Akira Suzuki,2 Tatsuya Shoji,2 Yoshiharu Tsubakihara,2 Terumasa Hayashi,2 Kodo Tomida.2
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SP593
SEASONAL VARIATIONS IN CLINICAL AND LAB PARAMETERS – A GLOBAL PERSPECTIVE
Adrian Guinsburg,1 Stephan Thijszen,2 Len Usvyat,2,3 Qingqing Xiao,2 Frank Van Der Sande,4 Cristina Marelli,1 Michael Etter,5 Daniele Marcelli,6 Nathan Levin,2 Yuedong Wang,7 Peter Kotanko,2 Jeroen Kooman,4 . Mondo Consortium.8
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SP594
DOES HEPATITIS VIRUS INFECTION INFLUENCE ONE-YEAR OUTCOME IN PATIENTS WITH HEMODIALYSIS?
Adalbert Schiller,1 Oana Schiller,2 Carina Andrei,3 Adelina Mihaescu,2 Nicu Olariu,2 Carmen Anton,4 Zsofia Ivascon,5 Violeta Roman,6 Suzana Berca,7 Vivek Bansal.1
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SP595  
HEPATITIS C INFECTION IS AN INITIATION FACTOR BUT NOT PROGRESSION FACTOR TO RENAL DISEASE?  
Shang-Jyh Hwang,1,3 Jia-Jung Lee,1 Ming-Yen Lin,1,4 Jung-San Chang,2,3  
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SP596  
THYROID FUNCTION AND VOLUME IN PATIENTS WITH END-STAGE RENAL DISEASE ON HEMODIALYSIS -UNDERLING RENAL DISEASES-  
Ken Okamura,3 Tomoya Kishi,2 Motoaki Miyazono,2 Yuji Ikeda,2 Toma Fukumitsu,1 Toru Sana.I  
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SP597  
RELATIONSHIP BETWEEN SERUM SODIUM VARIABILITY AND HOSPITAL ADMISSION IN HEMODIALYSIS PATIENTS  
Joselyn Reyes-Bahamonde,1,2 Jochen Raimann,1 Len A Usvyat,1 Stephan Thijsen,1 Frank Van Der Sande,1 Jeroen Koeman,1 Nathan Levin,1 Peter Kotanko.1  
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SP598  
IMPLEMENTING AN ANTICOAGULATION PROTOCOL DESIGN - A SAFE AND EFFECTIVE MANAGEMENT OF ANTICOAGULATION THERAPY  
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SP599  
PERITONEAL DIALYSIS USAGE (PD): WHAT IS A REALISTIC GOAL IN EUROPE?  
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SP600  
RENAL REPLACEMENT THERAPY IN HUNGARY 1991-2011  
Imre Kulcsar,1,2 Janos Szegedi,2,3 Erzsebet Ladanyi,2,4 Marietta Torok,2,5 Gyorgy Reusz,2,6 Istvan Kiss,2,3  
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SP601  
HBV STATUS IN DIALYSIS PATIENTS: A MULTICENTER COHORT STUDY FROM SICILY.  
Vito Sparacino,1 Vincenza Agnello,1 Pietro Di Gaetano,1 Valentina Guaiana,1 Piero Almasio,2  
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SP602  
DIALYTIC TREATMENT DOES NOT INCREASE THE RISK FOR INFECTIVE DEATH IN PATIENTS WITH MYELOMA-RELATED END STAGE KIDNEY DISEASE  
Francesco Rainone,1 Lino Merlino,1 James P Ritchie,2 Magda Marcatti,1 Philip A Kalra.2  
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SP603
EFFECTIVENESS OF MULTIDISCIPLINARY PRE-DIALYSIS EDUCATION AND TEAM CARE ON PATIENTS LIFESTYLES AND CLINICAL OUTCOMES
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SP604
AWARENESS OF CKD IN AN GPS ITALIAN GROUP BEFORE AND AFTER AN EDUCATIONAL INTERVENTION.
Giuseppe Quintaliani,1 Daniela Ranocchia,3 Fabrizio Germini,4 Alfredo Notargiacomo,3 Maria Loreta Ariete.4
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SP605
ORAL DISEASE IN PEOPLE WITH CHRONIC KIDNEY DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF COHORT STUDIES
Suetonia Palmer,1 Marinella Ruospo,2 Fabio Pellegrini,3 Giovanni Fm Strippoli.4
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SP606
THE ASSOCIATION BETWEEN SOCIAL SUPPORT AND PSYCHOSOCIAL FACTORS UPON MORTALITY AND QUALITY OF LIFE
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SP607
OCTOGENARIANS PATIENTS WHO STARTED HEMODIALYSIS: MORBIDITY AND MORTALITY FACTORS.
Juan Carlos Herrero Berron, Carmen Mon, Milagros Ortiz, Julie Hinostroza, Gabriela Cobo, Paloma Gallar, Olimpia Ortega, Isabel Rodriguez Villarreal, Anaiana Oliet, Cristina Digioia, Ana Vigil.
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SP608
SELF-REPORTED DEPRESSION AND ANXIETY IN PREVALENT PATIENTS ON HEMODIALYSIS
Konstantina Trigka,1 Periklis Douzdampanis,1 Matina Aggelakou-Vaitsis,1 Nikolaos Vaitsis,1 Konstantinos Fourtounas.2
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SP609
FROM THE DOCTOR-PATIENT RELATIONSHIP TO THE ORGANIZATION OF AN IDEAL DIALYSIS CENTRE.
Federica N Vigotti, Ana L Apostu, Marco Boscolo, Landry K Chegui, Simone Ferrero, Mara Gallicchio, Giuseppe Garassino, Andreea Ionescu, Irene Portonero, Carlo A Tarea, Edoardo Valentino, Giorgina B Piccoli.
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SP610
ACCEPTANCE OF PALLIATIVE CARE BY DIALYSIS PATIENTS AND THEIR FAMILIES IN NON-WESTERN SOCIETY
Aleksandar Sikole, Lada Trajeska, Saso Gelev, Pavlina Dzekova, Gjulsen Selim, Vili Amitov.
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SP611
EPIDEMIOLOGY OF RENAL FAILURE IN MALTA
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SP612
SLEEP APNEA SYNDROME IN HEMODIALYSIS PATIENTS. PRELIMINARY DATA
Olga Nikitidou,1 Vassilios Liakopoulos,1 Aikaterini Michalaki,2 Paraskevi Demirtzi,1 Fotini Christidou,2 Aikaterini Papagianni,3 Efimia Daskalopoulou,4 Pavlos Nikolaidis,1 Nikolaos Dombros.1
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SP613
DIALYSIS WITHDRAWAL AND THE IMPACT OF ADVANCED CARE PLANNING - A SINGLE CENTRE EXPERIENCE
Diana M Vassallo, Rajkumar Chinnadurai, Hilary Robinson, Rachel Middleton, Rosie Donne.
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SP614
ADVANCE CARE PLANNING IN PATIENTS WITH END-STAGE RENAL DISEASE: WHAT IS MOST IMPORTANT TO THE PATIENTS?
Iñaki Saralegui,1 Oscar García,2 Carmen Robledo,2 Elena Gabilondo.2
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SP615
SEROCONVERSION AND IMMUNOGENICITY AFTER HEPATITIS B VACCINATION IN HEMODIALYSIS PATIENTS
Vittorio Ortalda,1 Paola Tomei,1 Tewolde Yabarek,2 Leonardo Spatola,1 Alessandra Dalla Gassa,1 Antonio Lupo.1
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SP616
IMPORTANCE OF DETECTION OF ANTIBODIES TO HCV CORE AMONG ANTI-HCV SCREENING NEGATIVE HEMODIALYSIS PATIENTS AT RISK OF OCCULT HCV INFECTION
Guillermina Barril,1 Juan Antonio Quiroga,1 Dolores Arenas,3 Secundino Cigarra,4 Nuria Garcia,5 Emilio Glez Parra,6 Adoracion Martin,7 Javier Bartolome,2 Inmaculada Castillo,2 Vicente Carreño.2
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SP617
AN ASSESSMENT OF THE QUALITY OF LIFE IN HEMODIALYSIS PATIENTS USING THE EuroQoL-5D QUESTIONNAIRE
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SP618
DENTAL HEALTH AND ALL CAUSE AND CARDIOVASCULAR MORTALITY IN HEMODIALYSIS PATIENTS: A PROSPECTIVE MULTINATIONAL COHORT STUDY
Suetonia Palmer,1 Marinella Ruospo,2 Fabio Pellegrini,3 Giovanni Fm Strippoli.2
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SP619
OPPORTUNISTIC PATHOGENS CARRIAGE IN HEMODIALYSIS PATIENTS: A SINGLE-CENTER STUDY
Iryna Shifris, Iryna Dudar, Adele Rudenko, Iurii Gonchar.
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SP620
INTENSIVE HEPATITIS B VACCINATION IN HEMODIALYSIS PATIENTS.
A SINGLE CENTER EXPERIENCE.
Sophia Mademtzoglou, Nikolaos Ch. Tsikliras, Elias V. Balaskas.
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SP621
QUALITY OF LIFE IN ELDERLY PATIENTS IN ESRD AND DIALYSIS: A
NEW BIOCHEMICAL APPROACH NEUROPSYCHOLOGY.
Gaetano Montalto, Rosaria Lupica, Maria Rosaria Fazio, Carmela Aloisi, Va-
lentina Donato, Silvia Lucisano, Michele Buemi, Domenico Trimboli, Valeria
Cernaro.
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SP622
CHARACTERIZATION OF PATIENTS WITH PREVIOUS KIDNEY TRANS-
PLANTATION ON HEMODIALYSIS
Ahmed Donia, Ahmed Denewar.
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SP623
OCULT HEPATITIS B VIRUS PREVALENCE IN DIALYSIS COHORT OF
UKRAINE. THE INFOMATIVENESS OF DETERMINING ANTIBODIES
TO HEPATITIS B VIRUS CAPSID ANTIGEN.
Miroslava Khil,1 Iryna Dudar,2 Vladimir Khil,1 Iryna Shifris.2
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Kyiv, Ukraine.
EXTRACELLULAR VESICLES DERIVED FROM MESENCHYAL STEM CELLS INHIBIT TUBULAR INJURY, T CELL PROLIFERATION AND PROMOTE REGULATORY T CELL DIFFERENTIATION THROUGH TRANSFER OF SPECIFIC RNAS: PROTECTIVE ROLE IN T-CELL-MEDIATED KIDNEY GRAFT REJECTION

Vincenzo Cantaluppi,1 Michela De Lena,1 Silvia Beltramo,1 Silvia Ferrario,1 Sergio Dellepiane,1 Federico Figliolini,1 Stefania Bruno,1 Luigi Biancone,1 Giuseppe Paolo Segolini,1 Ciro Tetta,2 Giovanni Camussi.1

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IMBALANCE OF REGULATORY AND HELPER Th1 AND Th2 CELLS WITH EXPRESSION OF PERMEABLE GLYCOPROTEIN PLAYS ROLE IN STEROID RESPONSE IN NEPHROTIC SYNDROME

Narayan Prasad,1 Akhilesh Jaisawal,1 Brijesh Yadav,1 Vikas Agarwal,2 Deepak Tripathi.2

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EFFECT OF CT-1 BLOCKADE WITH ANTI-CT-1 ANTIBODY ON THE SEVERITY OF ACUTE RENAL FAILURE INDUCED BY UNILATERAL RENAL ISCHEMIA.

Rebeca Núñez-Lozano,1 Yaremi Quirós,1 Penelope Sanchez-Gonzalez,1 Maria P. Perez De Obanos,2 Juan Ruiz,2 Francisco J. Lopez-Hernandez,3,4,5 Jose M Lopez-Novoa.1

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THE REGULATION OF THE NITRIC OXIDE SYSTEM CAN MODULATE THE KLOTHO EXPRESSION IN KIDNEY VIA TWIST-2 AND E-CADHERIN

Jae Won Yang, Jae Seok Kim, Jun Young Lee, Hyeon Cheol Park, Byoung Geun Han, Seung Ok Choi.

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PCR-BASED DETECTION FOR MICROCHIMERISM AND GRAFT OUTCOME IN KIDNEY TRANSPLANT RECIPIENTS

Maria Zanazzi,1 Paolo Carta,1 Leonardo Caroti,1 Giulia Antognoli,1 Pamela Pinzani,2 Francesca Salvianti,2 Donata Villari,3 Norio Yoshimura.1

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DETECTION OF CD-20-POSITIVE INFILTRATES IN RENAL BIOPSIES WITH ACUTE ALLOGRAFT REJECTION: INVESTIGATION OF THE PROGNOSTIC VALUE

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SP631
IMPORTANCE OF SEQUENTIAL MONITORING OF SERUM INTERLEUKIN-18 LEVELS IN PATIENTS WITH KIDNEY TRANSPLANTATION
Havva Ucar,1 Halide S Akbas,1 Vural T Yilmaz,4 Anil Aktas,3 Gultekin Suleymanlar,2 Gultekin Yucel.1
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SP632
INFLUENCE OF APOPTOSIS AND INFLAMMATION GENE POLYMORPHISMS ON TRANSPLANTED KIDNEY FUNCTION
Maria L Cappuccilli, Gaetano La Manna, Irene Capelli, Olga Baraldi, Vania Cuna, Giuseppe Battaglino, Paola Todeschini, Giorgio Feliciangeli, Maria P Scolori, Sergio Stefoni.
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SP633
INDOLEAMINE 2,3-DIOXYGENASE (IDO) AS A NEW IMMUNOLOGICAL MARKER IN KIDNEY TRANSPLANT
Elisa Loiacono,1 Barbara Votta,2 Alessandro Amore,1 Andrea Ranghino,3 Roberta Camilla,1 Licia Peruzzi,1 Maria Elena Donadio,1 Ilaria Serriello,1 Rachele Gallo,1 Maria Paola Puccinelli,2 Rosanna Coppo.1
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SP634
ASSOCIATION OF SERUM ADIPONECTIN LEVELS WITH ENDOTHELIAL AND PLATELET FUNCTION IN RENAL TRANSPLANT PATIENTS USING CALCINEURIN INHIBITORS
Garip Sahin,1 Olga Meltem Akay,2 Sema Uslu,3 Cengiz Bal,4 Ahmet Ugur Yalcin,1 Zafer Gulbas.2
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SP635
MANAGEMENT OF ACUTE HUMORAL REJECTION WITH A COMBINATION OF BORTEZOMIB WITH LOW DOSE IMMUNOGLOBULIN AND PLASMAPHERESIS
Jacob George.
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**POSTERS**

**TRANSPLANTATION: CLINICAL STUDIES - A**

**SP636**
ENDOTHELIAL DYSFUNCTION IN RENAL TRANSPLANT RECIPIENTS: ROLE OF VITAMIN D AND FIBROBLAST GROWTH FACTOR-23
Tolga Yildirim, Rahmi Yilmaz, Mahmut Altindal, Ercan Turkmen, Mustafa Arici, Bulent Altun, Yunus Erdem.
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**SP638**
ARTERIAL STIFFNESS AND METABOLIC SYNDROME INDICES IN RENAL TRANSPLANTATION PATIENTS
Orhan Guliyev, Mehtap Erkmen Uyar, Emre Tutil, Zeynep Bal, Siren Sezer.
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**SP639**
ARTERIAL STIFFNESS AND CHANGES IN QTC INTERVAL IN RENAL TRANSPLANTATION PATIENTS
Mehtap Erkmen Uyar,1 Ugur Bal,2 Zeynep Bal,1 Emre Tutil,1 Burak Sayın,1 Orhan Guliyev,1 Begüm Erdemir,3 Siren Sezer.1
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**SP640**
VITAMIN D SUPPLEMENTATION CAN SAFELY AND EFFICIENTLY BE ACHIEVED BY MONTHLY ORAL BOLUS CHOLECALCIFEROL IN VITAMIN D DEFICIENT RENAL TRANSPLANT PATIENTS
Anthony O’rourke-Potowki, Nathan Gauge, Hugo Penny, Antonia Cronin, Sharon Frame, David J Goldsmith.
Nephrology and Transplantation, Guy’s Campus King’s Health Partners AHSC, London, UK.

**SP641**
LONG TERM OUTCOMES OF HIGHLY SENSTITIZED KIDNEY TRANSPLANT RECIPIENTS
Jude A Yagan,1 Anil Chandraker.2
1Renal Devison, Brigham and Women’s Hosp, Boston, MA, USA; 2Renal, International Society of Nephrology, Brussel, Belgium.

**SP642**
GENDER PHARMACOKINETICS ANALYSIS OF TACROLIMUS IN KIDNEY TRANSPLANT PATIENTS
Ranmila M Velickovic Radovanovic,2 Aleksandra Catic Djordjevic,1 Branka Mitic,2 Nikola Stefanovic,1 Tatjana Cvetkovic,2
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**SP643**
CMV AND KIDNEY TRANSPLANT VASCULOPATHY
Nicoletta Serpieri,1 Fabrizio Grosjean,2 Giuseppe Sileno,2 Massimo Torreggiani,1 Vittoria Esposito,1 Filippo Mangione,2 Massimo Abelli,3 Francesca Castoldi,2 Davide Catucci,1 Ciro Esposito,1 Antonio Dal Canton,2
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**SP644**
DOUBLE FILTRATION PLASMAPHERESIS IN THE PREVENTION AND TREATMENT OF ACUTE REJECTION OF RENAL TRANSPLANT
Andrey V. Vatazin, Alexey B. Zulkarnaev.
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**SP645**
EFFECT OF PREDNISOLONE AND REJECTION EPISODES ON GRANZYME B TRANSCRIPT LEVELS AFTER KIDNEY TRANSPLANTATION
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SP646
EVEROLIMUS AND LOW DOSE OF TACROLIMUS COMBINED WITH THYMOMEGLOBULIN INDUCTION INDUCES REGULATORY T CELLS EXPANSION IN DE NOVO KIDNEY TRANSPLANT RECIPIENTS: PRELIMINARY DATA OF CONTROLLED RANDOMIZED STUDY (EVER TWIST)
Carmelo Libetta,1 Elisabetta Margiotta,1 Ilaria Borettaz,1 Michele Canevari,1 Claudia Martinelli,1 Elisa Lainu,1 Massimo Abelli,1 Federica Meloni,2 Vincenzo Sepe,1 Antonio Dal Canton.1
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SP647
TRANSPLANT GLOMERULOPATHY AND DE NOVO THROMBOTIC MICROANGIOPATHY: DIFFERENT MANIFESTATIONS OF HUMORAL REJECTION
Rui Miguel Costa,1 Eduardo Vásquez Martul,2 Juan Reboredo,2 Constantino Rivera.3
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SP648
CLINICAL RESULTS OF COMBINED AND SEQUENTIAL LIVER-KIDNEY TRANSPLANTATION: A SINGLE CENTER EXPERIENCE.
Francesca Simonato, Giuliana Tognarelli, Germana Daidola, Ester Gallo, Manuel Burdese, Vincenzo Cantaluppi, Luigi Biancone, Giuseppe P. Segoloni.
Molinette Hosp, Nephrology, Dialysis and Transplantation Unit, Turin, Italy, Italy.

SP649
ROLE OF eGFR EQUATIONS IN EVALUATING DECEASED DONORS FOR KIDNEY TRANSPLANTATION: SUFFICIENT AND APPROPRIATE OUTCOME MARKERS?
Manuel Burdese, Marta Pioria, Maria Messina, Michela Tamagnone, Germana Daidola, Antonio Linsalata, Antonio Lavacca, Luigi Biancone, Giuseppe P Segoloni.
A.O. Città Salute e Scienza - Molinette, Nephrology, Dialysis and Transplantation Unit, Torino, Italy.

SP650
UNSPECIFIED AND SPECIFIED LIVING KIDNEY DONATION TO UNRECIPIENT: THE ROTTERDAM EXPERIENCE
Willij Zuidema,1 Ruud Erdman,2 Jacqueline Van De Wetering,1 Frank Dor,3 Joke Roodnat,1 Emma Massey,1 Lotte Timmerman,1 Jan Ijzermans,3 Willem Weimar.1
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SP651
THE RELATIONSHIP BETWEEN AGE AND MEASURED GFR (MGFR) IN HEALTHY LIVING KIDNEY DONORS IS A CURVILINEAR, NOT LINEAR ONE: IMPORTANT IMPLICATIONS FOR LIVE DONATION.
David J Goldsmith,1 Christopher Sibley-Allen,2 Rachel Hilton,1 Masood Moghul,1 Lisa Burnapp,1 Glenn Blake.2
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SP652
ASSOCIATION BETWEEN A DECLINE IN DONOR CREATININE CLEARANCE AND ALLOGRAFT OUTCOMES
Tai Yeon Koo,2 Joon-Sung Park,1 Hayne Cho Park,2 Gheun-Ho Kim,1 Chang Hwa Lee,1 II Hwan Oh,1 Chong Myung Kang.1
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TRANSPLANT RENAL ARTERIAL STENOSIS DEFINED BY CONTRAST ENHANCED MR ANGIOGRAPHY IN EARLY PERIOD AFTER RENAL TRANSPLANTATION: PREDISPOSING FACTORS AND CLINICAL OUTCOMES
Jeong Kye Hwang,1 Sun Cheol Park,1 Bum Soon Choi,2 Ho Jong Chun,3 Ji Il Kim,1 Chul Woo Yang,2 In Sung Moon.1
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THE EFFECT OF MAGNESIUM SUPPLEMENTATION ON EARLY POST-TRANSPLANTATION GLUCOSE METABOLISM
Steven Van Laecke,1 Wim Van Biesen,1 Evi V Nagler,1 Youri Taes,2 Patrick Peeters,1 Raymond Vanholder.1
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LONG TERM GRAFT AND PATIENT SURVIVAL POST RENAL TRANSPLANTATION IN PATIENTS WITH A PRIMARY RENAL DIAGNOSIS OF GLOMERULONEPHRITIS
Rishi Pruthi,1 Rommel Ravanah,2 Anna Casula,1 Mark Harber,3 Paul Rode- rick,4 Damian Fogarty.1
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ASSOCIATION BETWEEN URIC ACID CONCENTRATION AND POSTDONATION KIDNEY FUNCTION AFTER LIVING DONOR NEPHRECTOMY
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PROGNOSTIC SIGNIFICANCE OF CHANGES IN PROTEINURIA IN EARLY STAGES OF RENAL TRANSPLANTATION.
Asunción Sancho Calabuig, Eva Gavela Martínez, Julia Kanter Berga, Sandra Beltrán Catalán, Ana Isabel Avila Bernabeu, Luis Manuel Pallardó Mateu.
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EFFECTIVENESS IN KIDNEY DONATION OF UNCONTROLLED DONATION AFTER CARDIAC DEATH (UDCD) PROGRAM WITH OUT-OF-HOSPITAL DECEASED PEOPLE
Esther Gonzalez, Natalia Polanco, Maria Molina, Eduardo Gutierrez, Laura Garcia Puente, Angel Sevillano, Enrique Morales, Manuel Praga, Amado Andres.
Nephrology, Hosp 12 de octubre, Madrid, Spain.

ANTI-ENDOTHELIAL CELL ANTIBODIES (Aeca) ARE ASSOCIATED WITH A WORSE EARLY RENAL TRANSPLANT FUNCTION
Mirosław Banasik,1 Maria Boratyńska,1 Katarzyna Kościelska-Kasprzak,1 Dorota Bartoszek,1 Marta Myszka,1 Sławomir Zmonarski,1 Beata Nowakowska,4 Elżbieta Wawrzyniak,1 Agnieszka Hałoń,3 Paweł Chudoba,2 Marian Klinger.1
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EFFECTS OF ORAL PARICALCITOL ON SECONDARY HYPERPARATHYROIDISM AND RESIDUAL PROTEINURIA OF KIDNEY TRANSPLANT PATIENTS
Jorge E. Rojas-Rivera,2 Ester González,1 Natalia Polanco,1 Enrique Morales,1 Amado Andrés,1 José M. Morales,1 Jesús V. Egido,2 Manuel Praga.1
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POSTERS

SP653

SP654

SP655

SP656

SP657

SP658

SP659

SP660

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★SP66
DYSFUNCTIONAL HIGH-DENSITY LIPOPROTEIN AS A NOVEL CAR-DIOVASCULAR RISK FACTOR AFTER KIDNEY TRANSPLANTATION
Chantal M Kopecky,1 Michael Haidinger,1 Christopher Kaltenenecker,1 Marlies Antlanger,1 Gunther Marше,2 Michael Holzer,2 Johannes Kovariк,1 Johannes Werzowa,1 Manfred Hefting,1 Marcus D Sаemann,1
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SP662
RENAL TRANSPLANTATION WITH EXPANDED CRITERIA DECEASED DONORS IN SINGLE CENTER: COMPARISON WITH STANDARD CRITERIA DECEASED DONORS
Jeong Kye Hwang,1 Ju Mi Kim,2 Eun Sil Koh,3 Byung Ha Chung,3 Sun Cheol Park,2 Rum Soon Choi,3 Ji Il Kim,2 Chul Woo Yang,3 Yong Soo Kim,3 In Sung Moon,2
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SP663
THE IMPACT OF NON-HLA ANTIBodies DIRECTED AGAINST ENDO-THELIN-1 TYPE A RECEPTORS (ETAR) ON EARLY RENAL TRANSPLANT OUTCOMES
Miросław Banasiк,1 Maria Boratyпska,1 Katarzyna Koшcielska-Kasprzak,1 Magdalena Krajeшska,1 Oktawia Mazanowska,1 Dorota Kamiшska,1 Dorota Bartoszek,1 Marcelina Zabiriska,1 Agnieszka Halor,4 Bartosz Malkiewicz,3 Dariusz Pаrzaleк,2 Marian Klinger,1
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SP664
PREVALENCE OF HPV INFECTION IN NON-MELANOMA SKIN CANCERS (NMSCs) IN PATIENTS AFTER KIDNEY TRANSPLANTATION AND IMMUNOCOMPETENT POPULATION
Joanna Sulowicz,1 Slawa Szostek,3 Anna Wojas-Pelc,2 Ewa Ignacak,1 Władysław Sulowicz,1
1Nephrology, 2Dermatology, 3Virology, Jagiellonian Univ Collegium Medicum, Krakow, Poland.

SP665
REDUCED PHYSICAL ACTIVITY IN STABLE RENAL TRANSPLANTED PATIENTS
Vincenzo Bellizzi,1 Patrizia Calella,1 Adamasco Cupisti,2 Alessandro Capitanini,3 Claudia D’alessandro,2 Domenico Giannese,2 Andrea Camocardi,4 Giuseppe Conte,4 Massimiliano Barsotti,5 Giancarlo Bilanci,1 Remo Luciani,1
1Nephrology Unit, Ruggi d’Aragona Univ Hosp, Salerno, Italy; 2Dept Clinical and Experimental Medicine, Nephrology Unit, Univ Pisa, Pisa, Italy; 3Nephrology Unit, County Hosp, Pescia, Italy; 4Nephrology Unit, Second Univ Naples, Naples, Italy; 5Nephrology Unit AOU Pisana, Pisa, Italy.

SP666
RELATIONSHIP BETWEEN LIPID PEROXIDATION AND ARTERIAL STIFFNESS IN RENAL TRANSPLANTED PATIENTS
Lajos Locsey,1 Ildikó Сере,2 Давид Kovас,1 Ласло Asztaлs,1 György Paragh,2
1Inst Surgery Center Transplantation, 2First Dept Internal Medicine, Univ Debrecen Medical and Health Science Center, Debrecen, Hungary.

★SP667
HOW TO IDENTIFY ECD POSITIVE DONORS AT LOWER RISK OF DELAYED GRAFT FUNCTION
Марiana Wohlıahrtova,1 Peter Balaz,2 Slavomir Rokosn,2 Peter Wohlθahrт,1 Anastazie Bartonova,3 Ondřej Vίlk,1
1Dept Nephrology, 2Dept Transplant Surgery, 3Clinical and Transplant Pathology Dept, IKEM, Prague, Czech Rep.
POSTERS

SP668
LIMITED PROGNOSTIC VALUE FOR CHRONIC TRANSPLANT DYSFUNCTION BY URINARY MARKERS OF TUBULAR INJURY WHEN MEASURED WITHIN THE FIRST YEAR AFTER RENAL TRANSPLANTATION
Jesper Kers,1 Ronald B Geskus,2 Laura Meijer,3 Frederike J Bemelman,3 Ineke Jm Ten Berge,3 Sandrine Florquin.1
1Pathology, 2Clinical Epidemiology, Biostatistics and Bioinformatics, 3Renal Transplant Unit, Academic Medical Center, Amsterdam, Netherlands.

SP669
KIDNEY TRANSPLANTATION AGGRAVATES UROLOGICAL MALIGNANCY RISK IN ESRD PATIENTS: A POPULATION-BASED STUDY
Jyh-Chang Hwang,1 Ming-Yan Jiang,1 Yi-Hua Lu,1 Shih-Feng Weng.2
1Nephrology, 2Div Medical Research, Chi Mei Medical Center, Tainan, Taiwan Rep China.

SP670
THE RS17384213 POLYMORPHISM IN THE DDAH1 GENE IS A MARKER OF CHRONIC ALLOGRAFT DYSFUNCTION
Alessandra Testa, Gaetana Porto, Mcristina Sanguedolce, Belinda Spoto, Rosamaria Parlongo, Anna Pisano, Giuseppe Enia, Giovanni Tripepi, Carmine Zoccali.
IBIM-National Research Council, Reggio Calabria, Italy.

SP671
ANONYMITY IN LIVING KIDNEY DONATION: AN ELPAT VIEW
Willi Zuidema,1 Nizam Mamode,2 Annette Lennerling,3 Franco Citterio,4 Emma Massey,1 Kristof Van Assche,5 Sigrid Sterckx,6 Michaela Fruanza,6 Harald Jung,7 Assaya Pascalev,8 Rachel Johnson,9 Charlotte Loven,3 Willem Weimar,1 Frank Dor.10
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SP672
PROSPECTIVE STUDY OF BKV INFECTION AND NEPHROPATHY IN THE FIRST YEAR POST-RENAL TRANSPLANTATION
Tayebeh Soleymanian,1 Hosein Keyvani,2 Seyed Mohammad Jazayeri,3 Zeinab Fazeli,3 Shiva Ghamari,3 Mostafa Mahabadi,3 Valiollah Chegeni,1 Iraj Najafi,1 Mohammad Reza Ganji.1
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SP673
ESPN DATABASE – ADOLESCENCE AND KIDNEY TRANSPLANTATION; A HAZARDOUS COMBINATION?
Karlijn Me Meys,1 Jaap W Groothoff,2 Kitty J Jager,3 Franz Schaefer,4 Burkhard Tönshoff,4 Conceição Mota,5 Karlien Cransberg,1 Karlijn Van Straaten.3
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SP674
KIDNEY TRANSPLANTATION AMELIORATES CARDIAC FUNCTION IN DIABETIC PATIENTS WITH END-STAGE RENAL DISEASE
Transplant Center, Acibadem Univ, Istanbul, Turkey.
SP675
INSULIN HYPOSECRETION PREDICTS NON-RESPONSE TO MAGNESIUM SUPPLEMENTATION IN RENAL TRANSPLANT RECIPIENTS.
Steven Van Laecke,1 Rogier Caluwe,2 Evi V Nagler,1 WM Van Vliet,1 Patrick Peeters,1 Bruno Van Vlem,2 Raymond Vanholder.1
1Dept Internal Medicine, Renal Div Ghent Univ Hosp, Ghent, Belgium; 2Dept Internal Medicine, Renal Div OLV Aalst, Aalst, Belgium.

SP676
COMPARISON OF SKIN CHANGES BETWEEN PATIENTS ON MAINTENANCE DIALYSIS AND AFTER KIDNEY TRANSPLANTATION
Joanna Sulowicz,1 Anna Wojas-Pelc,1 Ewa Ignacak,2 Alina Bątkowska-Prokop,2 Marek Kuzniiewski,2 Marcin Kranowski,2 Wladyslaw Sulowicz.2
1Dept Dermatology, 2Nephrology Dept, Jagiellonian Univ, Cracow, Poland.

SP677
MDRD VERSUS CKD-EPI EQUATION TO ESTIMATE GLOMERULAR FILTRATION RATE IN KIDNEY TRANSPLANT RECIPIENTS
Ingrid Masson,1 Martin Flament,2 Nicolas Maillard,1 Etienne Casaril,3 Olivier Moranne,4 Eric Alamartine,1 Christophe Mariat,1 Pierre Delany.5
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SP678
INFLAMMATION AND OXIDATION IN KIDNEY TRANSPLANT PATIENTS: IS THERE A RELATIONSHIP WITH MORTALITY?
Laura L Cañas Sole,1 Eva E Iglesias Alvarez,2 Mari Cruz Mc Pastor,2 Fernando F Moreno Flores,2 Vesna V Abujder,1 Fredzzia F Graterol,1 Josep J Bonet Sol,1 Ricardo R Lauzurica Valdemoros.1
1Nephrology, 2Biochemistry, Hosp Germans Trias i Pujol, Badalona, Barcelona, Spain.

SP679
THE AVAILABILITY OF PRE-OPERATIVE GERIATRIC NUTRITIONAL RISK INDEX(GNRI) IN KIDNEY TRANSPLANT RECIPIENTS.
Mikiko Yoshikawa,1 Ken Kitamura,1 Kentaro Nakai,1 Shunsuke Goto,1 Hideki Fujii,1 Takeshi Ishimura,2 Masashi Takeda,2 Shinichii Inoki,1
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SP680
IS BASILIXIMAB INDUCTION, A NOVEL RISK FACTOR FOR NEW ONSET DIABETES AFTER TRANSPLANTATION FOR LIVING DONOR RENAL ALLOGRAFT RECIPIENTS?
Nephrology, Sanjay Gandhi PostGrad Inst Medical Sciences, Lucknow, Uttar Pradesh, India.

SP681
EFFECTIVENESS AND SAFETY OF ENZYME REPLACEMENT THERAPY (ERT) IN A COHORT OF KIDNEY TRANSPLANT RECIPIENTS WITH FABRY DISEASE
Markus Cybulla,1 Michael West,2 Kathy Nicholls,3 Joan Torras,4 Bere Sunder-Plassmann,5 Sandro Feriozzi.6
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SP682
RISK FACTORS ON SURVIVAL OF RENAL TRANSPLANT WAITING LISTED PATIENTS: A SINGLE CENTRE ANALYSIS FROM DATA OF RENAL REGISTRY
Stanley Lo, Patrick Yh Wong, David Ip, Ck Wong, Vincent Cc Chow, Stephen Ki Mo.
Dept Medicine, Pamela Youde Nethersole Eastern Hosp, Hong Kong SAR, China.
SP683
RED CELL DISTRIBUTION WIDTH IS ASSOCIATED WITH MORTALITY IN KIDNEY TRANSPLANT RECIPIENTS
Miklos Z Molnar,1,2 Akos Ujszaszi,1 Maria E Czira,1 Marta Novak,2 Istvan Mucsi,3
1Inst Pathophysiology, Semmelweis Univ, Budapest, Hungary; 2Univ Toronto, Toronto, Ontario, Canada; 3McGill Univ Health Centre, Montreal, Quebec, Canada.

SP684
STERILE LEUKOCYTURIA PREDICTS INTERSTITIAL FIBROSIS AND TUBULAR ATROPHY IN KIDNEY ALLOGRAFT PROTOCOL BIOPSIES
Josep M Cruzado,1 Silvia Coelho,2 Núria Porta,3 Oriol Bestard,1 Edoardo Melliti,1 Omar Tacq,1 Israel Rivas,1 Josep M Grinyo,1
1Nephrology, Bellvitge Hosp, L’Hospitalet Llobregat, Spain; 2Nephrology, Hosp Fernando Fonseca, Lisbon, Portugal; 3Biostatistics, IdiBell, L’Hospitalet Llobregat, Spain.

SP685
DETERMINANTS OF EARLY ACCESS TO THE WAITING LIST FOR PATIENTS OVER 60 IN ONE FRENCH AREA
Lise-Marie Pouteau,1 Jean-Michel N’guyen,2 Assia Hami,1 Maryvonne Hourmant,1
1Néphrologie et Immunologie Clinique. ITUN, 2Serv épidémiologie et Biostatistiques, CHU, Nantes, France.

SP686
NEPHROLOGISTS’ PERCEPTIONS OF DISPARITIES IN KIDNEY TRANSPLANTATION: AN INTERNATIONAL SURVEY
Nasrollah Ghahramani, Zahra Karparvar, Shahrour Shadrou, Mehrdad Ghahramani.
Medicine, Pennsylvania State Univ College Medicine, Hershey, PA, USA.

SP687
PERFORMANCE OF ESTIMATED GLOMERULAR FILTRATION RATES TO MONITOR CHANGE IN RENAL FUNCTION IN KIDNEY TRANSPLANT RECIPIENTS
Jean Pierre Fauvel,1 Aoumer Hadj-Aissa,1 Fanny Buron,1 Emmanuel Morelon,2 Michel Ducher,1
1Nephrology and Hypertension, 2Transplantation, Hop E Herriot, Lyon, France.

SP688
OUTCOME AFTER KIDNEY GRAFT LOSS
Christoph Heine, Petra Glander, Hans-H. Neumayer, Klemens Budde, Lutz Liefeldt.
Nephrology, Charité - Universitätsmedizin Berlin, Campus Mitte, Berlin, Germany.

SP689
STERROID AVOIDANCE OR WITHDRAWAL FOR PANCREAS AND PANCREAS WITH KIDNEY TRANSPLANT RECIPIENTS
Nuria Montero,1 Angela C Webster,2 Ana Royuela,3 Javier Zamora,3 Marta Crespo,1 Julio Pascual,1
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SP690
PROGNOSTIC FACTORS FOR THE LIFE EXPECTANCY OF PATIENTS AT THE MOMENT OF KIDNEY TRANSPLANTATION
Aaltje Y. Adema,1 Wim Th. Van Dorp,1 Marko J.K. Mallat,2 Hans W. De Fijter,2
1Kennemer Gasthuis, Haarlem, Netherlands; 2LUMC, Leiden, Netherlands.
SP691
THE PERFORMANCE OF CKD-EPI EQUATION IN THE ESTIMATION OF RENAL FUNCTION BEFORE AND AFTER KIDNEY DONATION IN POTENTIAL KIDNEY DONOR
Young Soo Kim, Yu Ah Hong, Byung Ha Chung, Cheol Whee Park, Chul Woo Yang, Yong-Soo Kim, Bum Soon Choi.
Div Nephrology, Dept Internal Medicine, College Medicine, Catholic Univ Korea, Seoul, Korea.

SP692
THE EFFECT OF ORGANIZATIONAL AND FINANCIAL FACTORS ON THE PRACTICE OF KIDNEY TRANSPLANTATION IN TURKEY
Gültelin Stilemanlar,1 Zehra Uzundurukan,2 Arif Kapuagaş,2 Irfan Şencan,2 Recep Akdağ.2
1Nephrology, Akdeniz Univ Medical School, Antalya, Turkey; 2Ministry of health, Ankara, Turkey.

SP693
C1Q-FIXING DONOR-SPECIFIC ANTIBODIES DETECTED BEFORE KIDNEY TRANSPLANTATION DO NOT PREDICT REJECTION OR EARLY GRAFT LOSS, BUT HLA CLASS I DO
Julio Pascual,1 Alberto Torio,2 Virginia Mas,3 Maria Jose Perez-Saez,1 Marisa Mir,1 Anna Faura,1 Olga Montes-Ares,2 Maria Dolores Checa,4 Marta Crespo.1
1Nephrology, Hosp del Mar, Barcelona, Spain; 2Immunology, Hosp Insular de las Palmas, Las Palmas de Gran Canaria, Spain; 3Immunology, Lab Referencia Catalunya, Barcelona, Spain; 4Nephrology, Hosp Insular de las Palmas, Las Palmas de Gran Canaria, Spain.

SP694
DONOR SPECIFIC ANTIBODIES ARE COMMON IN RENAL TRANSPLANT PATIENTS SCREENED FOR BK VIREMIA
Deirdre Sawinski,1 Jennifer Trofe-Clark,1,2 Tracy Sparkes,2 Priyanka Patel,1 Simin Goral,1 Roy D Bloom.1
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SP695
ASSOCIATION BETWEEN TGFBR2 GENE POLYMORPHISM (rs2228048, Asn389Asn) AND ACUTE REJECTION IN KOREAN KIDNEY TRANSPLANTATION RECIPIENTS
Hyun Ju Kim,2 Seok Ju Park,1 Tae Hee Kim,2 Yang Wook Kim,1 Yeong Hoon Kim,1 Sun Woo Kang,1
1Nephrology, Inje Univ, Busan, Korea; 2Nephrology, Wallace Memorial Baptist Hosp, Busan, Korea.

SP696
IMPACT OF POST-RENAL TRANSPLANT LEUCOPENIA ON GRAFT AND PATIENT OUTCOME
Medhat Abdel Halim, Osama Gheith, Torki Al-Otaibi, Ahmed Mosaad, Waleed Awadeen, Tarek Said, Prasad Nair, Mrn Nampoory.
Medical, Hamed Alessa Organ Transplant Center, Kuwait, Kuwait.
POSTERS

SP697 EXTRARENAL COMPLICATION AND LONG-TERM RENAL OUTCOME OF THE PATIENTS WITH CONGENITAL SOLITARY KIDNEY.
Shojoiro Okamoto,1 Takashi Sakama,2 Shigeru Nakamura,3 Fumio Niimura,2 1Pediatrics, Tokai Univ Hachioji Hosp, Hachiouji, Tokyo, Japan; 2Pediatrics, Tokai Univ School Medicine, Isehara, Kanagawa, Japan; 3Jichi Children’s Medical Center Tochigi, Shimono, Japan.

SP698 ANGIOTENSIN 2 TYPE 1/TYPE 2 GENE POLYMORPHISMS IN TURKISH CHILDREN WITH VESICOURETERAL REFUX AND RECURRENT URINARY TRACT INFECTIONS
Sebnem Sahin,1 Pelin Ertan,2 Havva Evrengü1,3 Gonul Dinc Horasan,4 Bahadir Dede,5 Afg Berdeli.6 1Pediatric, 2pediatric Nephrology, 3Pediatric Nephrology, 4Public Health, 5Public Health, Celal Bayar Univ, School Medicine, Manisa, Turkey; 6Molecular Genetic, Ege Univ School Medicine, Izmir, Turkey.

SP699 RENAL AND URINARY TRACT INVOLVEMENT IN PATIENTS WITH EPILEDMYSIS BULLOsa
Nurdan Yildiz,1 Neslihan Çiçek Deniz,2 Ruslan Asadov,2 Deniz A Yücelten,3 Harika Alpay.1 1Pediatric Nephrology, Marmara Univ, School Medicine, Istanbul, Turkey; 2Radiology, Marmara Univ, School Medicine, Istanbul, Turkey; 3Dermatology, Marmara Univ, School Medicine, Istanbul, Turkey.

SP700 ASSESSMENT OF DE NOVO HLA ANTIBODY PRODUCTION IN PEDIATRIC TRANSPLANT AND DIALYSIS PATIENTS WITH CURRENT H1N1/FLU COMBINATION VACCINE
Gail Prado,1 Morris Schoeneman,1 Anil Mongia,1 Bandana Paudyal,1 Valerieya Feygina,1 Allen J Norin,2 David Hochman,2 Hanan Tawadrous,1 Vaishali Bansilal,1 1Div Pediatric Nephrology, Dept Pediatrics, 2Transplant Immunology and Immunogenetics, Dept Cell Biology, SUNY Downstate Medical Center, Brooklyn, NY, USA.

SP701 CONVERSION TO SIROLIMUS IN PEDIATRIC RENAL TRANSPLANT RECIPIENTS
Rezan Topaloglu,1 Bora Gulhan,1 Yelda Bilginer,1 Asli Celebi Tayfur,1 Cigdem Yildiz,1 Fatih Ozaltin,1 Ali Duzova,1 Seza Ozen,1 Tuncay Aki,2 Nesrin Bozbas,1 1Pediatric Nephrology & Rheumatology, 2Urology, Hacettepe Univ, Ankara, Turkey.

SP702 NEPHROTOXICITY IN CHILDREN WITH FREQUENTLY RELAPSING NEPHROTIC SYNDROME (FRNS) RECEIVING LONG-TERM ADMINISTRATION OF CYCLOSPORINE (CSA)
Fumio Komaki,1 Yuku Hamasaki,2 Kenji Ishikura,3 Riku Hamada,3 Tomoyuki Sakai,3 Hiroshi Hataya,3 Kentaro Ogata,4 Ryuji Fukuzawa,4 Takashi Ando,5 Masataoka Honda,3 1Pediatrics, Kawakita General Hosp, Tokyo, Japan; 2Pediatric Nephrology, Toho Univ Omori Medical Center, Tokyo, Japan; 3Nephrology, 4Pathology, Tokyo Metropolitan Children’s Medical Center, Tokyo, Japan; 5Non-Profit Organization, Japan Clinical Research Support Unit, Tokyo, Japan.

SP703 THE EFFICACY AND SAFETY OF RITUXIMAB TREATMENT IN CHILDREN WITH IDIOPATHIC NEPHROTIC SYNDROME IN COMPARISON WITH GLUCOCORTICOSTEROIDS AND CYCLOSPORINE A THERAPY - A SINGLE PEDIATRIC NEPHROLOGY CENTER EXPERIENCE
Anna Malke, Magdalena Silska-Dittmar, Jolanta Sołtyś, Andrzej Blumczyński, Danuta Ostalska-Nowicka, Jacók Zachwieja. Dept Pediatric Cardiology and Nephrology, Poznan Univ Medical Sciences, Poznan, Poland.
SP704
URINE ACUTE KIDNEY INJURY BIOMARKERS IN PRETERM NEONATES WITH RESPIRATORY DISTRESS SYNDROME
Yılmaz Tabel, Mehmet Oncul, Ahmet Taner Elmas.
Pediatric Nephrology, Inonu Univ, Malatya, Merkez, Turkey.

SP705
HOSPITALIZATION IN PEDIATRIC CHRONIC KIDNEY DISEASE PATIENTS AND RENAL ALLOGRAFT RECIPIENTS
Aslı Kavaz, Z.Birsen Özçakar, Burcu Bulum, Mesihah Ekim, Fatos Yangınkaya.
Pediatric Nephrology, Ankara Univ School Medicine, Ankara, Turkey.

SP706
CAUSES OF CHRONIC RENAL FAILURE IN RUSSIAN CHILDREN: 5-YEAR SINGLE-CENTER STUDY
Larisa Prikhodina, Olga Turpitko, Vladimir Dlin.
Pediatric Nephrology, Research Inst Pediatrics & Children’s Surgery, Moscow, Russian Federation.

SP707
HLA-DR MISMATCHED PAEDIATRIC RENAL TRANSPLANTATION: PATIENT AND GRAFT OUTCOME WITH DIFFERENT KIDNEY DONOR SOURCES
Nephrology, Hamed Al-Essa Organ Transplant Center, Kuwait, Kuwait.

SP708
GROWTH OF CHILDREN WITH PRE-DIALYSIS CHRONIC KIDNEY DISEASE IN JAPAN
Yuko Hamasaki, Osamu Uemura, Kenji Ishikura, Shuichi Ito, Naohiro Wada, Motoshi Hattori, Yasuo Ohashi, Ryojiro Tanaka, Koichi Nakanishi, Tetsuji Kanneko, Masatasa Honda.
Pediatric CKD Study Group Japan, Tokyo, Japan.

SP709
THE INFLUENCE OF ENVIRONMENTAL FACTORS ON KIDNEYS IN CHILDREN: PROBLEMS AND PERSPECTIVES (CLINICAL AND EXPERIMENTAL STUDY)
Viktoriia Alexandrivna Golovachova, Yuriy Vasilievich Odinets.
Dept Paediatrics No 2, Kharkiv National Medical Univ, Kharkiv, Ukraine.

SP710
MAPS OF VENTRICULAR ACTIVATION TIME DIFFERENCES IN CHILDREN WITH END-STAGE RENAL FAILURE-A PILOT STUDY.
Krystyna Laszki-Sczachor,1 Dorota Polak-Jonkisz,1 Malgorzata Sobieszczanska,1 Leslaw Rusiecki,1 Danuta Zwolinska,2 1Dept Pathophysiology, 2Medical Univ Wroclaw, Wroclaw, Poland.

SP711
THE RELATION BETWEEN STEROID RESPONSIVENESS AND IMMUNOFLUORESCENCE FINDINGS IN INFANT IDIOPATHIC NEPHROTIC SYNDROME
Takeshi Ninchoji,1 Hiroshi Kaitoh,1 Natsuki Matsunoshita,1 Kandai Nozu,1 Koichi Nakanishi,2 Norishige Yoshikawa,2 Kazumoto Iijima.1 1Pediatrics, Kobe Univ Hosp, Kobe, Japan; 2Pediatrics, Wakayama Medical Univ, Wakayama, Japan.

SP712
CLINICAL AND LAB PREDICTORS FOR PERITONEAL DIALYSIS AMONG DENGUE SHOCK (DSS) PATIENTS WITH ACUTE KIDNEY INJURY ADMITTED AT THE PHILIPPINE CHILDREN’S MEDICAL CENTER FROM YEAR 2010-2011
Nephrology, Philippine Children’s Medical Center, Quezon City, Philippines.
SP713
DO PRE-TRANSPLANT STABLE SYSTOLIC CARDIAC FUNCTION PLAY A ROLE ON SHORT-TERM SYSTOLIC CARDIAC FUNCTION AFTER KIDNEY TRANSPLANTATION IN CHILDREN?
Caner Alparslan,1 Sait Murat Dogan,2 Engin Kose,1 Cengizhan Elmas,1 Selcuk Kilinc,2 Nil Cefa Arslan,1 Eyup Kebabcı,2 Cezmi Karaca,2 Onder Yavascan,1 Nejat Aksu.1
1Pediatric Nephrology, 2Transplantation Unit, Tepecik Training and Research Hosp, Yenisehir / Izmir, Turkey.

SP714
NEPHRECTOMY FOR THE FAILED RENAL ALLOGRAFT IN CHILDREN: PREDICTORS AND OUTCOMES
Susan Minson, Marina Muñoz, Inés Vergara, Martin Mraz, Robert Vaughan, Lesley Rees, Jonathon Olsburgh, Francis Calder, Ruksana Shroff.
Paediatric Nephrology, Great Ormond Street Hosp Children, London, UK.

SP715
THE ROLE OF HYDROXYPROLINURIA IN RENAL SCARS FORMATION IN CHILDREN WITH VESICOURETERAL REFUX
Natalia Mihai Zaicova.
Pediatric Nephrology, Inst Research Mother and Child Care, Kishineu, Moldova.

SP716
GROWTH IMPAIRMENT AND NUTRITIONAL STATUS IN PEDIATRIC CHRONIC KIDNEY DISEASE PATIENTS AND RENAL ALLOGRAFT RECIPIENTS
Aslı Kavaz, Z.Birsin Özcakar, Burcu Bolum, Mesıha Ekım, FatosYaşcınıkaya.
Pediatric Nephrology, Ankara Univ School Medicine, Ankara, Turkey.

SP717
PROINFLAMMATORY CYTOKINES MCP-1 AND IL-23 IN CHILDREN WITH PIELONEPHRITIS
Olga Lavrenchuk, Driyanska Viktoria, Viktoria Savchenko, Ingretta Bagdasarova.
State Inst “Inst Nephrology National Academy Medical Sciences of Ukraine”, Kiev, Ukraine.

SP718
RISK FACTORS AND PROGRESSION OF CARDIOVASCULAR (CV) DISEASE IN CHILDREN WITH CHRONIC KIDNEY DISEASE (CKD)
Anke Doyon,1 Aysun K Bayazıt,2 Nur Canpolat,2 Ali Duzova,2 Daniela Kracht,2 Mieczyslaw Litwin,2 Bruno Ranchin,2 Ruksana Shroff,2 Betül Sözeiri,2 Elke Wühl,2 Rene Zeller,2 Anette Melk,2 Uwe Querfeld,2 Franz Schaefer.1
1Pediatric Nephrology, Univ Heidelberg. Heidelberg, Germany; 24C Study Group, Heidelberg, Germany.

SP719
LEFT VENTRICULAR HYPERTROPHY IN CHILDREN WITH CKD STAGES 3-5 IS DETERMINED BY BP AND CALCIUM LOADING BUT NOT PRINCIPALLY BY FGF23
Manish D Sinha,1 Charles Turner,1 Caroline J Booth,1 David J A Goldsmith,2 John M Simpson.3
1Dept Paediatric Nephrology, Evelina Children’s Hosp, 2Dept Nephrology, 3Paediatric Cardiology, Children’s Hospital, Guys & St Thomas NHS Foundation Trust, London, UK.
DAY AT A GLANCE

07:30 - 08:30 Master Classes
Dialysis complications 245
Physical exercise in CKD patients 246
Diabetic nephropathy 247
Common CKD problems 248
Diagnosis, prevention and treatment of AKI 249
Circulating and podocitary factors in proteinuria 250
Peritoneal dialysis 251
Hyponatremia 252
Transition of children with renal disease to adult age 253
Infectious issues in renal transplantation 254

08:45 - 10:15 Symposia
CV function in CKD 255
Uraemic toxin removal 256
IgA Nephropathy 257
Novel risk markers/factors for progression of CKD 258
Sodium transport in the distal nephron 259
Challanges in paediatric dialysis 260
Antibody mediated graft damage 261

Free Communications + Mini Lectures
CKD-MBD - B 262
Renal fibrosis and progression 264
Cystic kidney diseases 266

10:15 - 11:45 Poster session 297

11:45 - 12:30 Plenary Lecture G. Remuzzi
Will it one day be possible to engineer a complete kidney?
Problems and perspectives 268

12:30 - 14:15 Industry Symposia 429

14:30 - 16:00 Symposia
Lupus nephritis and vasculitis 269
Endothelium and peripheral nervous system in hypertension 270
Hypo and hyper magnesemia 271
CSN and ERA-EDTA 272

Free Communications + Mini Lectures
Extracorporeal techniques and adequacy 275
Heart and bone in CKD - A 277
Peritoneal dialysis - clinical 279
Paediatric nephrology - B 281
Transplantation - clinical 282
### SCIENTIFIC PROGRAMME

**14:30 - 17:45 Special Session**
- Developing Nephrology 273

**Hands-on Course**
- Interventional nephrology (ASDIN) 284

**16:15 - 17:45 Symposia**

- DOPPS 285
- Treatment of AKI 286
- Sodium in kidney failure patients 287
- LBCT 2 288
- CV disease in children with CKD 289
- New perspectives in tx therapy 290

**Free Communications + Mini Lectures**
- CKD pathophysiology and complications 291
- Lupus nephritis 293
- Cell signalling / Renal repair 295
SCIENTIFIC PROGRAMME

AUDITORIUM HARBIYE 07:30 - 08:30

Master Class 11

Dialysis complications

Chairs: James Tattersall, Leeds, UK  
Dimitrios Tsakiris, Thessaloniki, Greece

Depression disorders and quality of life in patients undergoing peritoneal dialysis treatment  
Kultigin Turkmen, Erzincan, Turkey

A serious complication in the treatment of peritonitis: ototoxicity  
F. Fevzi Ersoy, Antalya, Turkey

Sudden death in dialysis patients: why? how? when?  
Adrian Covic, Iasi, Romania
Master Class 12

Physical exercise in CKD patients: good for everyone?

Chairs: Naomi Clyne, Lund, Sweden
        Ivan Rychlik, Prague, Czech Republic

Physical exercise and clinical outcomes in CKD patients: usefulness and safety
Naomi Clyne, Lund, Sweden

Physical activity and all cause and cardiovascular mortality in renal transplant patients
Stephan J.L. Bakker, Groningen, The Netherlands

Simple exercise programs applicable at home in dialysis patients
Fabio Manfredini, Ferrara, Italy
Master Class 13

Diabetic nephropathy: update of an old disease

Chairs: Esteban Porrini, La Laguna, Spain
        Marcus Saemann, Vienna, Austria

News in pathogenesis and in clinical and histological markers
Jesus Egido, Madrid, Spain

New therapeutic approaches
Per-Henrik Groop, Helsinki, Finland

Modulation of VEGF by dietary salt
Jens Titze, Nashville, USA
Common CKD problems: new solutions

Chairs: Francesco Locatelli, Lecco, Italy
       Iain Macdougall, London, UK

Achievements in CKD-MBD guidelines targets
Goce Spasovski, Skopje, F.Y.R. of Macedonia

New anaemia therapies: translating novel strategies from bench to bedside
Iain Macdougall, London, UK

CKD treatment and dialysis in the elderly
Marian Klinger, Wroclaw, Poland
Diagnosis, prevention and treatment of AKI: the ERBP position statement

Chairs: Denis Fouque, Lyon, France
Jonathan G. Fox, Glasgow, UK

The diagnosis of AKI: the ERBP position statement
Danilo Fliser, Homburg/Saar, Germany

Epidemiology and consequences of AKI in 2013
Pascal Meier, Sion, Switzerland

AKI: diagnosis criteria and new therapeutic options
Laurent Juillard, Lyon, France
Master Class 16

Circulating and podocitary factors in proteinuria

Chairs: Harry Holthöfer, Dublin, Ireland
Maria Pia Rastaldi, Milan, Italy

The filtration barrier and the podocyte. Why should we care?
Harry Holthöfer, Dublin, Ireland

Proteinuria: a complex interplay between unique players
Ton J. Rabelink, Leiden, The Netherlands

Calcium sensing in podocytes
Maria Pia Rastaldi, Milan, Italy
Master Class 17

*Peritoneal dialysis: new approaches to common problems*

Chairs: Olof Heimbürger, Stockholm, Sweden  
Raymond Krediet, Amsterdam, The Netherlands

Prevention strategies for peritoneal-associated infections - the team approach  
Andreas Vychytil, Vienna, Austria

How to establish acute start PD for late presenters  
Thierry Lobbedez, Caen, France
SCIENTIFIC PROGRAMME

ROOM HISAR 07:30 - 08:30

Master Class 18

An update in hyponatremia

Chairs: Tevfik Ecder, Istanbul, Turkey
       Peter Gross, Dresden, Germany

Hyponatremia in 2013: treat or do not treat (the pitfalls)?
       Peter Gross, Dresden, Germany

Hyponatremia: differential diagnosis
       Ewout Hoorn, Rotterdam, The Netherlands

Hyponatremia: physiology based treatment
       Tevfik Ecder, Istanbul, Turkey
SCIENTIFIC PROGRAMME

ROOM BEYLERBEYI 07:30 - 08:30

Master Class 19

Transition of children with renal disease to adult age

Chairs: Harika Alpay, Istanbul, Turkey
Francesco Emma, Rome, Italy

Chronic kidney diseases from childhood to adolescents and from adolescents to adults
Harika Alpay, Istanbul, Turkey

GFR measurement in children, adolescents and young adults: choose the best formula to obtain coincident values
Licia Peruzzi, Turin, Italy

Tubular disorders in adults originated in childhood: how to manage a rare condition
Rosa Vargas-Poussou, Paris, France
Master Class 20

Infection issues in renal transplantation

Chairs: Josep M. Campistol, Barcelona, Spain
Chris Dudley, Bristol, UK

CMV and HBV infection in renal transplantation
Chris Dudley, Bristol, UK

Using kidneys from hepatitis C infected donors?
Josep M. Campistol, Barcelona, Spain

Polyoma virus infection
Niña Babel, Berlin, Germany
Symposium 19

Cardiovascular function in CKD

Chairs: Alberto Martinez-Castelao, Barcelona, Spain
       Danilo Fliser, Homburg/Saar, Germany

Left ventricular dysfunction as a risk factor for death in CKD
Gérard M. London, Fleury-Mérogis, France

FGF-23: marker or mediator of left ventricular dysfunction?
Danilo Fliser, Homburg/Saar, Germany

Pharmacological treatment of LVH and LV dysfunction in CKD and renal transplantation: role of mTOR inhibitors
Ernesto Paoletti, Genoa, Italy

Effects of phosphate on vascular function - new insights
Ziad Massy, Amiens, France
Symposium 20

Alternative methods of uraemic toxin removal

Chairs: Patrick Biggar, Coburg, Germany
       Muriel Grooteman, Amsterdam, The Netherlands

Protection of residual renal function
Raymond Vanholder, Ghent, Belgium

Extracorporeal adsorption
Joachim Jankowski, Berlin, Germany

Nutritional therapy to change intestinal flora
Bjorn Meijers, Leuven, Belgium

Metabolism and renal efflux are essential in uraemic
toxin clearance
Henricus A. Mutsaers, Nijmegen, The Netherlands
Symposium 21

IgA nephropathy

Chairs: François Berthoux, Saint-Etienne, France
       John Feehally, Leicester, UK

Genetic and epigenetic factors in IgAN
John Feehally, Leicester, UK

Role of pathology and clinical features in predicting progression of IgA nephropathy: results from the ERA-EDTA research VALIGA
Rosanna Coppo, Turin, Italy

microRNA analysis in IgAN
Francesco Paolo Schena, Bari, Italy

New risk factors for progression of IgAN
Vladimir Tesar, Prague, Czech Republic
Symposium 22

**Novel risk markers/factors for progression in CKD**

Chairs: Harald Mischak, Hanover, Germany
Peter Rossing, Gentofte, Denmark

Genetic determinants of kidney function and risk of CKD
**Florian Kronenberg**, Innsbruck, Austria

Proteomic markers of progression in diabetic and non-diabetic CKD
**Peter Rossing**, Gentofte, Denmark

Acidosis and progression of CKD
**Mohammad Magdi Yaqoob**, London, UK

**FREE COMMUNICATIONS**

**MO001**
META-ANALYSIS OF 50 GENOME-WIDE ASSOCIATION STUDIES IDENTIFIES MULTIPLE NOVEL LOCI FOR RENAL FUNCTION AND KIDNEY DAMAGE: THE CKDGEN CONSORTIUM.
**Cristian Pattaro**. Center Biomedicine, European Academy Bolzano (EURAC), Bolzano, Italy.

**MO002**
FUNCTIONAL VARIANTS IN NEPH3 (FILTRIN) AND NPHS2 (PODOCIN) CAN PREDICT PROGRESSION IN PRIMARY HEMATURIC GLOMERULOPATHIES. FURTHER EVIDENCE SHOWS THAT NEPH3 CAN BE A CAUSE OF MICROALBUMINURIA IN THE GENERAL POPULATION.
**Konstantinos Voskarides**,1 Charalambos Stefanou,1 Judith Savige,2 Thomas Benzing,3 Daniel P Gale,4 Eugenios Daphnis,5 Michalis Zavros,6 Alkis Pierides,7 Constantinos Deltas.1 1Univ Cyprus, Nicosia, Cyprus; 2Univ Melbourne, Melbourne, Australia; 3Univ Cologne, Cologne, Germany; 4Univ College London, London, UK; 5Univ Crete, Heraklion, Greece; 6Nicosia General Hosp, Nicosia, Cyprus; 7Hippocrates Hosp, Nicosia, Cyprus.
Symposium 23

Fine-tuning of sodium transport in the distal nephron

Chairs: Edith Hummler, Lausanne, Switzerland
Robert Unwin, London, UK

Regulation of the thiazide-sensitive NaCl cotransporter
Johannes Loffing, Zurich, Switzerland

Purinergic signalling
Robert Unwin, London, UK

Could microRNAs participate to the regulation of ion transport in the nephron?
Juliette Hadchouel, Paris, France

FREE COMMUNICATIONS

MO003
EFFECT OF ISOTONIC AND HYPERTONIC SALINE AND ISOTONIC GLUCOSE ON URINARY EXCRETION OF PROTEIN FROM THE AQUAPORIN2 WATER CHANNELS AND EPITHELIAL SODIUM CHANNELS IN HEALTHY HUMANS.
Dept Medical Research, Holstebro Regional Hosp, Holstebro, Denmark.

STE20-LIKE KINASE SPAK DIFFERENTIALLY REGULATES Na-(K)-Cl COTRANSPORTERS ALONG THE DISTAL NEPHRON UNDER THE ENDOCRINE CONTROL OF AVP
Turgay Saritas,1 Aljona Borschewski,1 James Mccormick,2 Alexander Paliege,1 Christin Dathe,1 Shinichi Uchida,3 Markus Bleich,4 Nina Himmerkus,4 Eric Delpire,5 David Ellison,2 Sebastian Bachmann,1 Kerim Mutig,1
1Dept Anatomy, Charité Universitätsmedizin Berlin, Berlin, Germany; 2Div Nephrology and Hypertension, Oregon Health & Science Univ, Portland, Oregon, USA; 3Dept Nephrology, Medical and Dental Univ, Tokyo, Japan; 4Inst Physiology, Christian-Albrechts-Univ, Kiel, Germany; 5Dept Anesthesiology, Vanderbilt Univ, Nashville, Tennessee, USA.
Symposium 24

Challenges in paediatric dialysis

Chairs: Rukshana Shroff, London, UK
      Enrico Verrina, Genoa, Italy

Haemodialysis in infants with peritoneal dialysis related complications
Rukshana Shroff, London, UK

Vascular access: establishment and maintenance
Constantinos J. Stefanidis, Athens, Greece

Measures to avoid failure of peritoneal dialysis in children
Claus Peter Schmitt, Heidelberg, Germany

Strategies to prevent PD related infections in paediatric patients
Enrico Verrina, Genoa, Italy
**Symposium 25**

**Antibody mediated graft damage**

Chairs: **Georg A. Boehmig**, Vienna, Austria  
**Giuseppe Grandaliano**, Foggia, Italy

The detection and clinical relevance of donor specific antibodies in light of the ERBP guidelines  
**Frans H.J. Claas**, Leiden, The Netherlands

Is there a role for non-HLA antibodies in allograft rejection?  
**Daniel Abramowicz**, Brussels, Belgium

Induction therapy in sensitized recipients  
**Georg A. Boehmig**, Vienna, Austria

**FREE COMMUNICATIONS**

**MO005**  
DIAGNOSIS OF ANTIBODY-MEDIATED REJECTION THROUGH EARLY PROTOCOL BIOPSIES IN SENSITIZED PATIENTS  
Patricia S Souza, **David Machado**, Anna Rita Aguirre, Daisa David, Erick Barbosa, Flavio Jota De Paula, Willian Nahas, Elias David-Neto, Maria Cristina R Castro.  
Renal Transplant Service, Hosp Clinicas, Sao Paulo, Sao Paulo, Brazil.

**MO006**  
INTEGRATED MESSANGER RNA AND microRNA PROFILES SUGGEST AN INTERFERON ALPHA SIGNATURE IN CHRONIC ANTIBODY-MEDIATED REJECTION (CAMR) OF KIDNEY TRANSPLANTATION  
**P Pontrelli**,1 F Rascio,1 M Accetturo,1 G Castellano,1 M Gigante,2 M Fiorentino,1 A Zito,1 G Zaza,3 G Stallone,2 L Gesualdo,1 G Grandaliano.2  
1Dept Emergency and Organ Transplantation, Univ Bari A. Moro, Nephrology, Dialysis and Transplantation Unit, Bari, Italy; 2Dept Medical and Surgical Sciences, Univ Foggia, Nephrology, Dialysis and Transplantation Unit, Foggia, Italy; 3Dept Medicine, Univ Verona, Renal and Dialysis Unit, Verona, Italy.
Mo007
TREATMENT OF SECONDARY HYPERPARATHYROIDISM IN THE EVOLVE TRIAL
Tilman B. Drueke, on behalf of the Evolve Writing Committee.
Inserm Unit 1088-UFR Médecine/Pharmacie, Univ Picardie Jules Verne, Amiens, France.

Mini Lecture
Treatment of hyperparathyroidism after the EVOLVE study
Jürgen Floege, Aachen, Germany

Mo008
COSMOS: ABNORMALITIES IN THE MAIN BONE AND MINERAL BIOCHEMICAL PARAMETERS ARE ASSOCIATED WITH HIGHER RISK OF MORTALITY.
José L Fernández-Martín,1,2 Francesco Locatelli,2 Gerard London,2 José L Gorriz,2 Jürgen Floege,2 Anibal Ferreira,2 Adrian Covic,2 Dimitrios Memmos,2 Willem-Jan Bos,2 Judit Nagy,2 Jorge B Cannata-Andía,1,2 on behalf of COSMOS.2 1Bone and Mineral Research Unit, Inst Reina Sofia Investigación, REDinREN del ISCIII, Hosp Univ Central de Asturias, Univ Oviedo, Oviedo, Spain; 2COSMOS Participants, Oviedo, Spain.

Mo009
TISSUE CONTENT OF PHOSPHOROUS IN CKD-MBD. IS CKD-MBD A STATE OF TISSUE PHOSPHOROUS DEPLETION?
R Bhargava,1 F Ali,1 J Lear,1 N Bryan,2 K Law,2 P Brinchley,1 A J Hutchison.1
1Central Manchester NHS Foundation Trust, Manchester, UK; 2Univ Manchester, Manchester, UK.
MO010
THE RELATIONSHIP BETWEEN RENAL OSTEODYSTROPHY AND FIBROBLAST GROWTH FACTOR-23 IN HEMODIALYSIS PATIENTS

Mehmet Nuri Turan,1 Mustafa Yaprak,1 Ali Riza Sisman,2 Mumtaz Yilmaz,1 Fatih Kircelli,1 Ebru Sevinc Ok,1 Mehmet Ozkahya,1 Gulay Asci,1 Ercan Ok.1
1Nephrology, Ege Univ School Medicine, Izmir, Turkey; 2Biochemistry, Dokuz Eylul Univ School Medicine, Izmir, Turkey.

MO011
INDIVIDUALISATION OF DIALYSATE CALCIUM: INTRADIALYTIC BIOLOGICAL IMPACT

Guillaume Jean, Charles Chazot, Christie Lorriaux, Patrik Deleaval, Brice Mayor, Jean-Marc Hurot.
Dialysis, Nephrocare Tassin Charcot, Sainte Foy-les-lyon, France.
Free Communication Session 13 + Mini Lectures

Renal fibrosis and progression

Chairs: Mohamed R. Daha, Leiden, The Netherlands
        Pierre Ronco, Paris, France

Mini Lecture
Interleukin 17 in renal biopsies as risk factor for progression
Sandrine Florquin, Amsterdam, The Netherlands

FREE COMMUNICATIONS

MO012
PBI-4050, A NOVEL FIRST-IN-CLASS ANTI-FIBROTIC COMPOUND, INHIBITS CTGF, \( \alpha \)-SMA AND COLLAGEN EXPRESSION IN HUMAN FIBROBLASTS, AND REDUCES KIDNEY FIBROSIS IN 5/6-NEPHRECTOMIZED AND DOXORUBICIN-INDUCED NEPHROTOXICITY MODELS.
ProMetic BioSciences Inc., Laval, QC, Canada.

MO013
THE ROLE OF CALRETICULIN IN RENAL FIBROSIS
Niki Prakoura,1 Panagiotis Politis,1 Yoshito Ihara,2 Marek Michalak,3 Aristidis Charonis.1
1Section Histology, Biomedical Research Foundation of the Academy of Athens, Athens, Greece; 2Wakayama Medical School, Wakayama, Japan; 3Dept Biochemistry, Univ Alberta, Edmonton, Canada.

MO014
L-ENDOGLIN OVEREXPRESSION INCREASES RENAL FIBROSIS AFTER UNILATERAL URETERAL OBSTRUCTION.
Bárbara Oujo,1,2,3 Jose M Muñoz-Felix,1,2,3 Miguel Arevalo,2,3,4 Miguel Pericacho,1,2,3 Maria Gonzalez-Nuñez,1,2,3 Carmen Langa,5 Carlos Martinez-Salgado,1,2,3 Annette Düwell,1,2,3 Fernando Perez-Barriocanal,1,2,3 Carmelo Bernardes,5 Jose M Lopez-Novoa.1,2,3
1Dept Physiology and Pharmacology, Univ Salamanca, Salamanca, Spain; 2Cardiovascular Research, Biomedical Research Inst Salamanca (IBSAL), Salamanca, Salamanca, Spain; 3Inst Queen Sophie Renal Research (IRSIN), Fundación de Investigacion Clinica, Spain; 4Dept Chemical Engineering, Univ Salamanca, Salamanca, Spain; 5Inst Queen Sophie Renal Research (IRSIN), Fundación de Investigacion Clinica, Spain.
Renal Iñigo Alvarez de Toledo, Madrid, Spain; 4Dept Anatomy and Histology, Univ Salamanca, Salamanca, Salamanca, Spain; 5Centro Investigaciones Biomedicas (CIB), Consejo Superior Investigaciones Científicas, (CSIC), Madrid, Spain.

Mini Lecture
Effects of prolyl-hydroxylase inhibition in kidney disease models
Kai-Uwe Eckardt, Erlangen, Germany
Cystic kidney diseases

Chairs: Olivier Devuyst, Zurich, Switzerland
Vicente Torres, Rochester, USA

FREE COMMUNICATIONS

MO015
THE ACCEPTANCE OF ILLNESS AND THE PERCEPTION OF ANGER, ANXIETY AND DEPRESSION IN EARLY STAGE OF AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Magdalena Jankowska, Anna Walzerzak, Alicja Debska-Sli-zien, Boleslaw Rutkowski.
Dept Nephrology, Transplantology and Internal Medicine, Medical Univ Gdansk, Gdansk, Poland.

MO016
NGS (NEXT-GENERATION SEQUENCING) PANEL TARGETING MORE THAN 250 CILIA-RELATED GENES IMPROVES GENETIC TESTING FOR (POLY)CYSTIC KIDNEY DISEASES AND OTHER CILOPATHIES
Valeska Frank,1 Eva Decker,1 Nadine Bachmann,1 Tobias Eisenberger,1 Christian Decker,1 Hanno J. Bolz,1 Carsten Berg-mann.1,2
1Center Human Genetics Bioscientia, Ingelheim, Germany; 2Center Clinical Research, Univ Freiburg, Freiburg, Germany.

Mini Lecture
Vasopressin antagonists for ADPKD: a translational story
Vicente Torres, Rochester, USA

FREE COMMUNICATIONS

★MO017
DELETION OF VON-HIPPEL-LINDAU PROTEIN CONVERTS RENIN PRODUCING INTO ERYTHROPOIETIN PRODUCING CELLS IN THE KIDNEY
Birgül Kurt,1 Alexander Paliege,2 Carsten Willam,3 Ilona Schwarzensteiner,1 Kathrin Schucht,1 Hanna Neymeyer,2 Maria Luisa S. Sequeira-Lopez,4 Sebastian Bachmann,2 R. Ariel Gomez,4 Kai-Uwe Eckardt,3 Armin Kurtz.1
EVEROLIMUS THERAPY FOR ANGIOMYOLIPOMA (AML) ASSOCIATED WITH TUBEROUS SCLEROSIS COMPLEX (TSC) OR SPORADIC LYMPHANGIOLEIOMYOMATOSIS (LAM): EXIST-2 UPDATE

J J Bissler,1 B Zonnenberg,3 M Frost,4 E Radzikowska,5 M Sauter,6 N Nonomura,7 P Devries,10 D Lam,8 S Miao,8 H Cauwel,9 J C Kingswood.2

1Cincinnati Children’s Hosp, Cincinnati, OH, USA; 2Royal Sussex County Hosp, Brighton, UK; 3Univ Medical Ctr Utrecht, Utrecht, Netherlands; 4Minnesota Epilepsy Group, St Paul, MN, USA; 5Natl Tuberculosis & Lung Diseases Research Inst, Warsaw, Poland; 6Univ München, Munich, Germany; 7Osaka Univ, Osaka, Japan; 8Novartis Pharmaceuticals, Florham Park, NJ, USA; 9Novartis Pharma, Basel, Switzerland; 10Univ Cape Town, Cape Town, South Africa.
Plenary Lecture 2

Chairs: Rosanna Coppo, Turin, Italy
Andrzej Wiecek, Katowice, Poland

*Will it one day be possible to engineer a complete kidney? Problems and perspectives*
Giuseppe Remuzzi, Bergamo, Italy
Sympoasium 26

**Lupus nephritis and vasculitis**

Chairs: **Rezzan Ataman**, Istanbul, Turkey  
**Dimitrios T. Boumpas**, Athens, Greece

New classification of lupus nephritis  
**Ingeborg M. Bajema**, Leiden, The Netherlands

Neutrophil extracellular traps (NETs) - from infection to autoimmunity  
**Arturo Zychlinsky**, Berlin, Germany

Antiphospholipid syndrome and the kidney  
**Maria Tektonidou**, Athens, Greece

Balancing efficacy and toxicity of novel treatments for lupus nephritis: EULAR/ERA-EDTA recommendations  
**Dimitrios T. Boumpas**, Athens, Greece
The endothelium and peripheral nervous system in hypertension

Chairs: Peter J. Blankestijn, Utrecht, The Netherlands
       Michal Mysliwiec, Bialystok, Poland

Vascular adhesion protein (VAP-1) in hypertensive patients in CKD
Michal Mysliwiec, Bialystok, Poland

Baroreflexes and CV complications in ESRD and dialysis
Andrzej Wiecek, Katowice, Poland

FGF 23 and endothelial function in CKD and transplant patients
Mahmut Ilker Yilmaz, Ankara, Turkey

Angiotensin II and endothelial cell permeability
Laszlo Rosivall, Budapest, Hungary
Symposium 28

A novel actor: hypo and hyper magnesemia

Chairs: Mehmet Altiparmak, Istanbul, Turkey
Tilman Drueke, Amiens, France

Renal magnesium handling; from new transporters to novel concepts
Joost G.J. Hoenderop, Nijmegen, The Netherlands

Magnesium and vascular status in patients with CKD
Ziad Massy, Amiens, France

Hypermagnesemia in haemodialysis
Tilman Drueke, Amiens, France

Hypomagnesemia in transplantation
Steven Van Laecke, Ghent, Belgium
Symposium 29

**Joint Symposium Chinese and European Societies of Nephrology. CSN and ERA-EDTA**

Chairs: Zhi Hong Liu, Nanjing, China  
Raymond Vanholder, Ghent, Belgium

Epidemiology of CKD and dialysis registry in China  
Chang Lin Mei, Shanghai, China

Epidemiology of CKD in Europe  
Christoph Wanner, Würzburg, Germany

IgA Nephropathy in China  
Zhi Hong Liu, Nanjing, China

IgA Nephropathy in Europe  
Rosanna Coppo, Turin, Italy
Special Session 2

Developing Nephrology

This Symposium is dedicated to the presentation and discussion of difficulties and solutions found in organizing a system aimed at providing adequate access to dialysis and renal care in developing countries.

Part I
Developing renal transplantation in the Balkan area

Chairs: Petar Kes, Zagreb, Croatia
        Goce Spasovski, Skopje, F.Y.R. of Macedonia

Bosnia and Herzegovina. Current status and ways to improve transplantation

Halima Resic, Sarajevo, Bosnia and Herzegovina

Serbia. Dialysis standard and plans for transplantation

Nada Dimkovic, Belgrade, Serbia

Montenegro. Development of transplantation program

Marina Ratkovic, Podgotica, Montenegro

Kosovo*. How to manage for getting patients transplanted?

Venera Hasangjekaj-Gjuka, Prishtina, Kosovo*

Albania. Current situation and perspectives for transplantation

Nestor Thereska, Tirana, Albania

F.Y.R. of Macedonia. Protocol kidney graft biopsies in the clinical practice

Jelka Masin-Spasovska, Skopje, F.Y.R. of Macedonia

* This designation is without prejudice to positions on status, and is in line with UNSCR 1244/99 and the ICJ Opinion on the Kosovo declaration of independence.
Developing Nephrology

Part II
Activities for prevention of CKD and optimization of RRT

Chairs: Rosanna Coppo, Turin, Italy
        Natalia Tomilina, Moscow, Russia

Russia. Past and present of RRT
Natalia Tomilina and Boris Bikbov, Moscow, Russia

Romania. CKD prevention and RRT
Adalbert Schiller, Timisoara, Romania

Moldova. RRT organization
Petru Cepoida, Chisinau, Moldova

Lithuania. From RRT to CKD prevention
Inga Bumblyte, Kaunas, Lithuania

Estonia. Developments of activities for the prevention of CKD
Mai Rosenberg, Tartu, Estonia

Belarus. Improving RRT
Kirill Komissarov, Minsk, Belarus

Tunisia. CKD prevention
Fatma Ben Moussa, Tunis, Tunisia

Algeria. RRT organization
Tahat Rayane, Blida, Algeria
MO020
THE TYPE OF VASCULAR ACCESS IS AN INDEPENDENT DETERMINANT OF THE CONVECTIVE VOLUME IN POST-DILUTION HEMODIAFILTRATION: RESULTS FROM THE CONVECTIVE TRANSPORT STUDY (CONTRAST)
Isabelle Chapdelaine, Ira M. Mostovaya, Peter J. Blankestijn, Michiel L. Bots, Marinus A. Van Den Dorpel, Menso J. Nubé, Piet M. Ter Wee, Muriel P.C. Grooteman
1Nephrology, VU Univ Medical Center, Amsterdam, Netherlands; 2Nephrology, Univ Medical Center Utrecht, Utrecht, Netherlands; 3Julius Center for Health Sciences and Primary Care, Univ Medical Center Utrecht, Utrecht, Netherlands; 4Internal Medicine, Maasstad Hosp, Rotterdam, Netherlands.

MO021
MIXED PRE-POST DILUTION HEMODIAFILTRATION: A COMPARISON OF SOLUTE ELIMINATION WITH PRE- AND POSTDILUTION MODES
Dialysis Centre, Civil Aviation General Hosp, Beijing, China.

MO022
INFLUENCE OF HIGH CONVECTION VOLUMES IN REMOVAL PERFORMANCES OF ON-LINE HAEMODIAFILTRATION (HDF)
Nathalie Gayraud, Alain Ficheux, Flore Duranton, Caroline Guzman, Ilan Szwarc, Johanna Bismuth-Mondolfo, Philippe Brunet, Marie Françoise Served, Angel Argilés
1RD – Néphrologie and EA7288 Univ Montpellier 1, Montpellier, France; 2Serv Néphrologie, Hôp La Conception – Univ Aix-Marseille, Marseille, France.

MO023
DETERMINANTS OF BETA-2 MICROGLOBULIN (b2-m) LEVELS IN PATIENTS ON LONG-TERM HAEMODIAFILTRATION (HDF). COMPUTATIONAL TECHNIQUE ANALYSIS OF THE RECORDS FROM A LARGE DATABASE SYSTEM (EUCLID)
Luciano A Pedrini, Flavio Mari, Carlo Barbieri, Isabella Cattinelli, Francesco Bellocchio, Claudia Amato
1Nephrology and Dialysis, NephroCare, Bolognini Hosp,
MO024
PRACTICAL GUIDANCE FOR PREDICTING CHANGES IN PREDIALYSIS SERUM PHOSPHORUS CONCENTRATION AFTER ALTERING THE HAEMODIALYSIS PRESCRIPTION BASED ON A PSEUDO ONE-COMPARTMENT KINETIC MODEL
John K Leypoldt, Baris U Agar, Bruce F Culleton. Medical Products (Renal), Baxter Healthcare Corporation, Deerfield, Illinois, USA.

MO025
HOW TO ADAPT HEMODIALYSIS STRATEGIES TO REMOVE PROTEIN-BOUND SOLUTES MORE ADEQUATELY: A KINETIC ANALYSIS
Sunny Eloot, Raymond Vanholder. Nephrology, Ghent Univ Hosp, Gent, Belgium.
Free Communication Session 16

Heart and bone in CKD - A

Chairs: Pablo Urena Torres, Saint-Ouen, France  
Marc Vervloet, Amsterdam, The Netherlands

FREE COMMUNICATIONS

MO026  
NON-OXIDIZED, BIOLOGICAL ACTIVE PARATHYROID HORMONE DETERMINES MORTALITY IN HEMODIALYSIS PATIENTS  
Berthold Hocher,1 Fraz Paul Armbruster,2 Alexandra Scholze,3 Peter Marckmann,3 Christoph Reichetzeder,1 Heinz Jürgen Roth,4 Martin Tepel,3  
1Institut für Ernährungs- und Lebensmittelwissenschaft, Universität Potsdam, Potsdam, Germany; 2Immundiagnostik AG, Bensheim, Germany; 3Odense University, Odense, Denmark; 4Limbach Lab, Heidelberg, Germany.

MO027  
HEART FAILURE IN THE EVOLVE TRIAL  
Gerard M London.  
U70, INSERM, Paris, France.

MO028  
THE CALCIMIMETIC R-641 WITH AN EXTENDED DURATION OF PTH SUPPRESSION SIGNIFICANTLY REDUCED VASCULAR CALCIFICATION AND SERUM FGF23 IN EXPERIMENTAL CHRONIC KIDNEY DISEASE  
Thilo Krueger,1 Chun Ouyang,2 Peter Boor,1 Nadine Kaeuser,1 Vincent Brandenburg,1 Georg Schlieper,1 Willi Jahnendechent,3 Markus Ketteler,4 Webster Jee,5 Xiaodong Li,6 Bill Richards,6 Jürgen Floege.1  
1Nephrology and Clinical Immunology, RWTH Aachen University, Aachen, Germany; 2Nephrology, First Affiliated Hospital Nanjing Medical University, Nanjing, China; 3Biomedical Engineering, RWTH Aachen University, Aachen, Germany; 4Nephrology, Hospiz Coburg, Coburg, Germany; 5University of Utah, Salt Lake City, Utah, USA; 6Amgen Inc., Thousand Oaks, California, USA.

MO029  
PARATHYROID HORMONE-MEDIATED CHONDROCYTE TRANSITION OF ENDOTHELIAL CELLS PROMOTES MEDIATE CALCIFICATION IN EXPERIMENTAL SECONDARY HYPERPARATHYROIDISM  
Min Wu, Ri-Ning Tang, Hong Liu, Ming-Ming Pan, Bi-Cheng Liu.  
Inst Nephrology, Southeast University, Nanjing, China.
MO030
VITAMIN D SIGNALING INHIBITS THE DEVELOPMENT OF AN OSTEOBLASTIC PHENOTYPE IN LONG-TERM CULTURES OF ARTERIAL EXPLANTS
Guerman Molostvov, Maria Lubczanska, Daniel Zehnder, Rosemary Bland.
Warwick Medical School, Univ Warwick, Coventry, UK.

MO031
DIFFERENTIAL EFFECTS OF VITAMIN D RECEPTOR ACTIVATORS ON PULSE WAVE VELOCITY IN MAINTENANCE HEMODIALYSIS PATIENTS
Nephrology, Baskent Univ Hosp, Ankara, Turkey.
Free Communication Session 17

Peritoneal dialysis - clinical

Chairs: Giovanni Cancarini, Brescia, Italy
Rumeyza Kazancioglu, Istanbul, Turkey

FREE COMMUNICATIONS

MO032
PERITONEAL ULTRAFILTRATION IN REFRACTORY HEART FAILURE: A COHORT STUDY
Silvio Volmer Bertoli,1 Andrea Stucchi,1 Daniele Ciurlino,1 Claudio Musetti,2
1Renal Unit, Cardiovascular Dept, IRCCS Multimedica, Sesto San Giovanni, Milano, Italy; 2Nephrology and Transplantation Unit, Dept Translational Medicine, and International Research Centre Autoimmune Disease (IRCAD), Amedeo Avogadro Univ, Novara, Italy.

MO033
NON-THYROIDAL ILLNESS - A NOVEL RISK FACTOR FOR CORONARY CALCIFICATION AND ARTERIAL STIFFNESS IN DIALYSIS PATIENTS?
Cl Meuwese,1 JJ Carrero,2 I Cabezas-Rodríguez,2 O Heimbürger,2 P Barany,2 Ar Qureshi,2 J Ripsweden,2 FW Dekker,1 P Stenvinkel,2
1Leiden Univ Medical Centre, Dept Clinical Epidemiology, Leiden, Netherlands; 2Baxter Novum, and Div. Renal Medicine, Karolinska Inst, Stockholm, Sweden.

MO034
THE RELATION BETWEEN FIBROBLAST GROWTH FACTOR-23 WITHECHOCARDIOGRAPHIC PARAMETERS AND INTIMA-MEDIA THICKNESS OF CAROTID ARTERY IN PERITONEAL DIALYSIS PATIENTS
Nephrology Dept, Diskapi Yildirim Beyazit Training and Research Hosp, Ankara, Turkey.

MO035
ARTERIAL STIFFNESS IN PERITONEAL DIALYSIS PATIENTS: AFFECTING FACTORS AND EFFECT ON MORTALITY
Hatice Keles,1 Zeynep Kendi Celebi,2 Oktay Karatan,2 Kenan Ateş,2
1Dept Internal Medicine, Kirikkale Univ Fac Medicine, Kirikkale, Turkey; 2Dept Nephrology, Ankara Univ Fac Medicine, Ankara, Turkey.
MO036
INTRA-PERITONEAL VERSUS SYSTEMIC INFLAMMATION AND SURVIVAL IN PERITONEAL DIALYSIS: RESULTS FROM THE GLOBAL FLUID STUDY

Mark Lambie,1 James Chess,2 Michael J Bankart,1 Hi Bahl Lee,3 Hyunjin Noh,3 Jun Young Do,4 Marc Dorval,5 Nick Topley,6 Simon J Davies.1

1Inst Science and Technology in Medicine, Keele Univ, Stoke on Trent, UK; 2Renal Unit, Morriston Hosp, Swansea, UK; 3Hyonam Kidney Lab, Soon Chun Hyang Univ, Seoul, Republic of Korea; 4Nephrology, Yeungnam Univ Hosp, Daegu, Republic of Korea; 5Nephrology, Dr Georges L-Dumont Univ Hosp, Moncton, Canada; 6Inst Nephrology, Cardiff Univ School Medicine, Cardiff, UK.

MO037
FIRST PERITONITIS EPISODE INFLUENCES PERITONEAL SIZE-SELECTIVITY TO MACROMOLECULES IN PERITONEAL DIALYSIS PATIENTS.

Anouk T.N. Van Diepen, Sadie Van Esch, Raymond T. Kre-diet, Dick G. Struijk.
Div Nephrology, Academic medical centre, Univ Hosp and Dianet, Amsterdam, Netherlands.
FREE COMMUNICATION

INDICATORS OF FIBROSIS IN CHILDREN WITH CHRONIC KIDNEY DISEASE
Kinga Musial, Danuta Zwolinska.
Dept Pediatric Nephrology, Wroclaw Medical Univ, Wroclaw, Poland.

Mini Lecture
Improvement in the renal prognosis in nephropathic cystinosis
Elena Levchenko, Leuven, Belgium

FREE COMMUNICATIONS

MO039
ALLOIMMUNE MEMBRANOUS NEPHROPATHY WITH ANTI-NEUTRAL ENDOPEPTIDASE ANTIBODIES: GENETIC HOMOGENEITY BUT IGG SUBCLASS-DEPENDENT CLINICAL VARIABILITY
Marina Vivarelli,1 Christopher Gerken,2 Timothee Pelle,3 Stefania Pedicelli,1 Francesca Diomedi,1 Günter Klaus,2 Siegfried Waldegger,2 Francesco Emma,1 Pierre Ronco,3 Hanna Debiec,3
1Bambino Gesù Children’s Hosp, Rome, Italy; 2Dept Pediatric Nephrology, Children’s Hosp, Marburg, Germany; 3INSERM UMR S702, Tenon Hosp, Paris, France.

★MO040
RISK FACTORS FOR PROGRESSION IN CHILDREN WITH IgA NEPHROPATHY: DATA FROM A EUROPEAN COHORT
Roberta Camilla, Rosanna Coppo, Shubha Bellur, Daniel Cattran, Terence Cook, John Feehally, Stéphan Troyanov, Francesco Emma, Costantino Giannakakis, Alessandro Amore, Gianna Mazzucco, Ulla Berg, Magnus Soderberg, Malgorzata Mizerska-Wasiak.
On behalf of VALIGA study group, Italy.

Mini Lecture
Persistent post-infectious glomerulonephritis: does it exist?
Fernando Fervenza, Rochester, USA
MO041
NEW K/DIGO GUIDELINES AND KIDNEY TRANSPLANTATION: IS THE CYSTATIN-C BASED RECOMMENDATION RELEVANT?
Ingrid Masson,1 Nicolas Maillard,1 Eric Alamartine,1 Christophe Mariat,1 Pierre Delanaye2
1Nephrology Dialysis and Renal Transplantation, Univ Hosp, Saint-Etienne, France; 2Nephrology Dialysis and Renal Transplantation, Univ Hosp, Liege, Belgium.

MO042
DE NOVO ANTI HLA ANTIBODIES AFTER KIDNEY TRANSPLANTATION: TRIGGERING FACTORS AND LONG TERM OUTCOME IN RENAL TRANSPLANT RECIPIENTS
Concetta Catalano,2 Anne Lemy,2 Arnaud Lionet,1 Christian Hiesse,3 Martine De Meyer,4 Mireille Kianda,5 Michel Toungounz,2 Martin Karl Wissing,7 Judith Racapé,6 Daniel Abramowicz.2
1Nephrology, CHRU Lille, Lille, France; 2Nephrologie, Erasme Hosp, Bruxelles, Belgium; 3Nephrology, CHU Foch, Paris, France; 4Nephrology, UCL, Brussels, Belgium; 5Nephrology, CHU Brugmann, Brussels, Belgium; 6Public health, Erasme Hosp, Brussels, Belgium; 7Nephrology, UZ Brussel, Brussels, Belgium.

MO043
ABO INCOMPATIBLE LIVING DONOR KIDNEY TRANSPLANTATION WITH MINIMAL DOSE OF RITUXIMAB
Joon H Jeong,2 Chul S Yoon,2 Jin M Kong,1 Won Y Choi,1 Eun J Whang,1 Dong R Lee,3 Jeongmyung Ahn.3
1Nephrology, Hanseo Hosp, Busan, Korea; 2Surgery, Hanseo Hosp, Busan, Korea; 3Nephrology, Maryknoll Hosp, Busan, Korea.

Mini Lecture
Induction therapy for kidney transplantation after a non-renal transplant
Simin Goral, Philadelphia, USA
FREE COMMUNICATIONS

★MO044
VITAMIN D STATUS PREDICTS REJECTION EPISODES AND CHANGE IN ALLOGRAFT KIDNEY FUNCTION OVER TIME IN KIDNEY TRANSPLANT RECIPIENTS.
Yoshitsugu Obi,1 Takayuki Hamano,2 Naotsugu Ichimaru,3 Kodo Tomida,5 Naohiko Fujii,4 Isao Matsui,1 Jun-Ya Kaimori,3 Hiromi Rakugi,1 Shiro Takahara,3 Yoshitaka Isaka,1 Yoshiharu Tsubakihara.2
1Dept Geriatric Medicine & Nephrology, 2Dept Comprehensive Kidney Disease Research, 3Dept Advanced Technology for Transplantation, Osaka Univ School Medicine, Suita, Osaka, Japan; 4Dept Internal Medicine, Hyogo Prefectural Nishinomiya Hosp, Nishinomiya, Hyogo, Japan; 5Dept Hypertension and Nephrology, Osaka General Medical Center, Osaka, Osaka, Japan.

◆MO045
THE DISCREPANCY BETWEEN BIOLOGICAL AGE AND CALENDAR AGE: A LARGE HISTOLOGY STUDY IN IMPLANTATION BIOPSIES.
Katrien De Vusser,1 Nicky Pieters,3 Bram Janssen,3 Evelyne Lerut,2 Tim Nawroth,3 Dirk Kuypers,1 Yves Vanrenterghem,1 Maarten Naesens.1
1Nephrology and Renal transplantation, 2Pathology, UZ Leuven, Leuven, Belgium; 3Univ Hasselt, Diepenbeek, Belgium.
Hands-on Course 2

**Interventional Nephrology**
(in collaboration with ASDIN - American Society of Diagnostic and Interventional Nephrology)

- Percutaneous angioplasty of dialysis vascular access: indications/contraindications, patient preparation, procedure steps and precautions, outcomes and complications

- Tunneled dialysis catheter insertion: indications/contraindications, patient preparation, procedure steps and precautions, outcomes and complications

- Peritoneal dialysis catheter insertion: indications/contraindications, patient preparation, procedure steps and precautions, outcomes and complications

Faculty: Kenneth Abreo, Shreveport, USA  
Stephen Ash, Lafayette, USA  
Arif Asif, Albany, USA  
Gerald Beathard, Houston, USA  
Aris Urbanes, Grosse Pointe Park, USA  
Haimanot Wasse, Atlanta, USA
Symposium 30

*International Practices and Improved Dialysis Outcomes: DOPPS*

Chairs: Friedrich Port, Ann Arbor, USA
     Bruce Robinson, Ann Arbor, USA

Key DOPPS findings and related HD practice trends
**Hugh Rayner**, Birmingham, UK

CKDOPPS: a study of advanced chronic kidney disease and the initiation of dialysis
**Helmut Reichel**, Villingen-Schwenningen, Germany

Mineral and bone disorder therapies and associated outcomes
**Raymond Vanholder**, Ghent, Belgium

Clinical practices, support services, and patient-reported outcomes
**Stefan Jacobson**, Stockholm, Sweden

Recent trends in anaemia management: impact of payment changes and guidelines
**Francesco Locatelli**, Lecco, Italy

Panel Discussion
Symposium 31

Treatment of AKI

Chairs: Jonathan G. Fox, Glasgow, UK
       Ravindra L. Mehta, San Diego, USA

What trial do we need in conservative treatment of AKI?
Norbert Lameire, Ghent, Belgium

When to start, when to stop RRT
Claudio Ronco, Vicenza, Italy

Which timeframe to choose for RRT
Andrew Davenport, London, UK

How to handle pharmakocinetcis with different dialysis modalities?
Jan T. Kielstein, Hanover, Germany
Symposium 32

Sodium in kidney failure patients: new open questions

Chairs: Bulent Altun, Ankara, Turkey  
Eberhard Ritz, Heidelberg, Germany

Salt as an addictive compound: central mechanisms of salt addiction  
Yunus Erdem, Ankara, Turkey

Low sodium diet in CKD patients: it’s time for action!  
Luca De Nicola, Naples, Italy

Sodium storage in ESRD patients  
Jens Titze, Nashville, USA

FREE COMMUNICATIONS

MO046
GENETIC PROFILE OF SALT SENSITIVITY IN ESSENTIAL HYPERTENSION  
Chiara Lanzani, Marco Simonini, Elena Brioni, Simona Delli Carpini, Lorena Citterio, Laura Zagato, Stefano Tentori, Paolo Manunta.  
OU Nephrology and Dialysis / Chair Nephrology, San Raffaele Scientific Inst / Univ Vita Salute San Raffaele, Milan, Italy.

MO047
HIGH SALT DIET MODULATES DISTRIBUTION OF RE-NAL VEGF-A AND ITS EXCRETION IN RATS  
Krzysztof H Olszyński,1 Janusz Sadowski,1 Janina Rafałowska,2 Elżbieta Kompanowska-Jezierska.1  
1Dept Renal and Body Fluid Physiology, 2Dept Experimental and Clinical Neuropathology, Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland.
**Symposium 33**

**Late breaking clinical trials - 2**

Chairs: Markus Ketteler, Coburg, Germany  
Christoph Wanner, Würzburg, Germany

The selective type A endothelin antagonist atrasentan reduces residual albuminuria in patients with type 2 diabetes and nephropathy  
Dick de Zeeuw, Groningen, The Netherlands

The use of PTH-lowering drugs is associated with improved survival in hemodialysis patients. Results from COSMOS  
Jorge B. Cannata-Andía, Oviedo, Spain

Safety and efficacy of PA21, a novel iron-based phosphate binder, in patients with ESRD and hyperphosphatemia: long-term results  
Jürgen Floege, Aachen, Germany

Effect of cinacalcet use on all-cause mortality: parallel analyses in ARO incident observational European hemodialysis population and in EVOLVE trial  
Jürgen Floege, Aachen, Germany

Oral paricalcitol treatment on left ventricular mass and function in chronic kidney disease patients with cardiac hypertrophy (OPERA study): a randomized controlled trial  
Angela Y.M. Wang, Hong Kong SAR, China
Symposium 34

**Cardiovascular disease in children with CKD**

Chairs: Franz Schaefer, Heidelberg, Germany  
Fatima Yalcinkaya, Ankara, Turkey

The 4C study: a paneuropean paediatric cardiovascular research project supported by ERA-EDTA  
Franz Schaefer, Heidelberg, Germany

Prevention of irreversible cardiovascular disease in CKD children: a diagnosestic challenge  
Jaap Groothoff, Amsterdam, The Netherlands

Ambulatory blood pressure patterns in patients with chronic kidney disease  
Empar Lurbe, Barcelona, Spain

Non invasive cardiovascular monitoring in children with chronic kidney disease and renal transplantation  
George S. Reusz, Budapest, Hungary
Symposium 35

New perspectives in transplantation therapy

Chairs: Ariela Benigni, Bergamo, Italy
Uwe Heemann, Munich, Germany

Therapy with autologous mesenchimal stem cells in transplantation
Ton J. Rabelink, Leiden, The Netherlands

Interaction between adipose-tissue derived mesenchymal stem cells and regulatory T cells
Marc H. Dahlke, Regensburg, Germany

High or low doses of thymoglobulin for induction therapy?
Georges Mourad, Montpellier, France

FREE COMMUNICATIONS

★ MO048
MARKERS OF INFLAMMATION, TISSUE DAMAGE AND REGENERATION IN URINARY EXOSOMES FROM TRANSPLANTED PATIENTS
Veronica Dimuccio,1 Andrea Ranghino,2 Elisa Basso,2 Luigi Biancone,2 Giovanni Camussi,2 Benedetta Bussolati.1
1Dept Molecular Biotechnology and Health Sciences, 2Dept Medical Sciences, Univ Torino, Torino, Italy.

MO049
ULTRASOUND-BASED DETECTION OF MICROBUBBLES TARGETED TO T-LYMPHOCYTES AS NON-INVASIVE DIAGNOSTIC INVESTIGATION OF ACUTE REJECTION IN DIFFERENT RAT MODELS OF RENAL DISEASE
Alexander Grabner,1 Dominik Kentrup,1 Mareike Muehlmeister,2 Helga Pawelski,1 Hermann Pavenstädt,1 Eberhard Schlatter,1 Klaus Tiemann,2 Stefan Reuter.1
1Dept Internal Medicine D, Experimental Nephrology, 2Dept Cardiology and Angiology, Univ Hosp Münster, Münster, Germany.
MO050
THE ENDOTHELIAL GLYCOCALYX AND NA+ AND FLUID OVERLOAD IN HEMODIALYSIS PATIENTS
Carmen A. Vlahu,1 Liffert Vogt,1 Dick G. Struijk,1,2 Hans Vink,3 Raymond T. Krediet,1
1 Academic Medical Center, Amsterdam, Netherlands; 2Dianet Foundation, Amsterdam-Utrecht, Netherlands; 3 Cardiovascular Research Inst, Maastricht, Netherlands.

MO051
DIALYSIS AMYLOID DEPOSITION IN THE AORTIC VALVE AND THE ASSOCIATION WITH SEVERE AORTIC STENOSIS
Noriaki Kurita,1,2 Akiko Fujii,1 Nagaaki Kotera,1 Mototsugu Tanaka,1 Shinji Tanaka,1 Takeshi Miyairi,1 Tokuichiro Sugimoto,1 Masaya Mori,1 Shunichi Fukuhara,2 Naobumi Mise,1 1Mitsui Memorial Hosp, Tokyo, Japan; 2Kyoto Univ, Kyoto, Japan.

MO052
HEMODIALYSIS REDUCES THE CALCIFICATION PROPENSITY OF SERUM
Andreas Pasch,1,2 Stefan Farese,1,2 Georg Schlieper,3 Jürgen Floege,3 Dominik Uehlinger,1 Willi Jahnen-Dechent,2 1Dept Nephrology, Univ Hosp Bern, Inselspital, Bern, Switzerland; 2Biomedical Engineering, Biointerface Lab, RWTH Univ Aachen, Aachen, Germany; 3Dept Nephrology, RWTH Univ Aachen, Aachen, Germany.

MO053
CHOLECALCIFEROL IMPROVES LEFT VENTRICULAR DIASTOLIC FUNCTION IN DIALYSIS PATIENTS
Frank H Mose,1,2 Henrik Vase,4 Thomas Larsen,1 Anne S P Kancir,1 Renata Kosierkiewicz,2 Bartlomiej Jonczy,2 Annebirethe B Hansen,3 Anna E Oczachowska-Kulik,2 Ingrid M Thomsen,2 Jesper N Bech,1,2 Erling B Pedersen,1,2 1Dept Medical Research, Holstebro Hosp and Aarhus Univ, Holstebro, Denmark; 2Dept Medicine, 3Dept Clinical Biochemistry, Holstebro Hosp, Holstebro, Denmark; 4Dept Cardiology, Aarhus Univ Hosp, Aarhus, Denmark.
MO054
SODIUM GRADIENT AND MORTALITY IN HEMODIALYSIS PATIENTS: 5 YEAR FOLLOW-UP ANALYSIS
Gjulsen Selim,1 Olivera Stojceva-Taneva,1 Liljana Tozija,1 Ljubica Georgievska-Ismail,2 Saso Gelev,1 Pavlina Dzekova-Vidimliski,1 Lada Trajceska,1 Zvezdana Petronievic,1 Aleksandar Sikole,1
1Univ Clinic Nephrology, Skopje, F.Y.R. of Macedonia; 2Inst Heart Diseases, Skopje, F.Y.R. of Macedonia.

Mini Lecture
The vulnerable man - what is the impact of low testosterone levels on the uraemic phenotype?
Peter Stenvinkel, Stockholm, Sweden
Lupus nephritis

Chairs: Hans-Joachim Anders, Munich, Germany
        Agnes Fogo, Nashville, USA

FREE COMMUNICATIONS

★MO055
THE INFLAMMASOME-RELATED MOLECULES NLRP3 AND ASC SUPPRESS LUPUS NEPHRITIS OF C57BL/6LPR/LPR MICE.
Medizinische Klinik und Poliklinik IV, Nephrologisches Zentrum, Klinikum Univ München, Munich, Germany.

★MO056
TREATMENT WITH HUMAN LEUKOCYTE ANTIGEN (HLA-G) ATTENUATES PROGRESSION OF LUPUS NEPHRITIS IN MRL-LPR MICE
Onkar Kulkarni,1 Shrikant Mulay,1 Murthy Dasipudi,1 Santhosh Kumar,1 Joel Lemaoult,2 Edgardo D Carosella,2 Hans-Joachim Anders.1

MO057
DETERMINATION OF URINARY TWEAK/FN14 MRNA AS A BIOMARKER OF LUPUS NEPHRITIS ACTIVITY
Xiao-Yan Xu, Min Zheng, Lin-Li Lv, Bi-Cheng Liu.
Inst Nephrology, Nanjing, China.

MO058
ANTIBODIES AGAINST MONOMERIC CRP – A PROMISING BIOMARKER OF LUPUS NEPHRITIS?
Katarzyna Jakuszko,1 Magdalena Krajewska,1 Katarzyna Kościelska-Kasprzak,1 Marta Myszka,1 Agata Sebastian,2 Katarzyna Grzegorczyk,1 Hanna Augustyniak-Bartosik,1 Piotr Wiland,2 Marian Klinger.1
1Dept Nephrology, Wrocław Medical Univ, Wrocław, Poland; 2Dept Rheumatology, Wrocław, Poland.

Mini Lecture
Is the kidney biopsy currently necessary in the management of lupus nephritis?
Agnes Fogo, Nashville, USA
FREE COMMUNICATION

★MO059
IMMUNOADSORPTION IN LUPUS NEPHRITIS: THREE DIFFERENT HIGH AFFINITY COLUMNS ARE EQUALLY EFFECTIVE IN INDUCING REMISSION I
Peter Biesenbach,1 Kurt Derfler,1 Josef Smolen,2 Georg Stummvoll.2
1Nephrology and Dialysis, 2Rheumatology, Medical Univ Vienna, Vienna, Austria.
Free Communication Session 22 + Mini Lecture

Cell signalling / Renal repair

Chairs: Marcus Moeller, Aachen, Germany
Robert Unwin, London, UK

Mini Lecture
CD133 stem cells in renal pathology and repair
Benedetta Bussolati, Turin, Italy

FREE COMMUNICATIONS

*MO060
TIME DEPENDENT PODOCYTE SPECIFIC NFAT ACTIVATION MEDIATES BETWEEN MCD LIKE AND FSGS LIKE PHENOTYPES

MO061
FOCAL ADHESION KINASE REGULATES TonEBP/NFAT5 ACTIVITY BY STABILIZING THE MRNA
Wolfgang Neuhofer, Christoph Kueper, Maria-Luisa Frech, Franz-X. Beck.

MO062
PAN-GENOMIC BINDING OF HYPOXIA-INDUCIBLE TRANSCRIPTION FACTORS IN RENAL CANCER CELLS
Johannes Schödel, Peter J Ratcliffe, David R Mole.

MO063
THE ANTI-AGING GENE KLOTHO ACTS AS A TUMOR SUPPRESSOR IN RENAL CELL CARCINOMA (RCC) AND REPRESENTS A POTENTIAL PREDICTIVE MARKER OF METASTASIS.
M Gigante, Pontrelli, S G Netti, C Divella, C Cafiero, M Accetturo, S Simone, G Grandaliano, L Gesualdo, E Ranieri.
DEREGULATED MIRNAS IN RENAL CELL CARCINOMA: DIAGNOSTIC POTENTIAL, CHROMOSOMAL DISTRIBUTION, PUTATIVE GENE TARGETS AND MOLECULAR PATHWAYS IN WHICH THEY ARE IMPLICATED.

Apostolos Zaravinos,1 George I. Lambrou,2 Nikos Mourmouras,3 Dimitris Delakas,3 Constantinos C Deltas.1 1Dept Biological Sciences, Molecular Medicine Research Center and Lab Molecular and Medical Genetics, Univ Cyprus, Nicosia, Nicosia, Cyprus; 2First Dept Pediatrics, Choremeio Research Lab, Univ Athens, Athens, Athens, Greece; 3Dept Urology, Asklepieio General Hosp, Athens, Voula, Greece.
**POSTER SESSION**  
*Poster Area*  
**10:15 - 11:45**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Session Code</th>
</tr>
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<tbody>
<tr>
<td>Cell signalling</td>
<td>MP001-MP033</td>
</tr>
<tr>
<td>Genetic diseases and molecular genetics</td>
<td>MP034-MP073</td>
</tr>
<tr>
<td>Hormones</td>
<td>MP074-MP083</td>
</tr>
<tr>
<td>Hypertension - experimental models</td>
<td>MP084-MP100</td>
</tr>
<tr>
<td>AKI - human studies</td>
<td>MP101-MP169</td>
</tr>
<tr>
<td>Epidemiology - cardiovascular outcomes</td>
<td>MP170-MP189</td>
</tr>
<tr>
<td>Anaemia in CKD 1-5</td>
<td>MP190-MP214</td>
</tr>
<tr>
<td>Pathophysiology and clinical studies in CKD 1-5</td>
<td>MP215-MP241</td>
</tr>
<tr>
<td>Diabetes - experimental models</td>
<td>MP242-MP278</td>
</tr>
<tr>
<td>Acid-base / Electrolytes / Nephrolithiasis</td>
<td>MP279-MP295bis</td>
</tr>
<tr>
<td>Clinical Nephrology - Miscellaneous</td>
<td>MP296-MP342</td>
</tr>
<tr>
<td>Immune and inflammatory mechanisms</td>
<td>MP343-MP370</td>
</tr>
<tr>
<td>Extracorporeal dialysis: techniques and adequacy - B</td>
<td>MP371-MP409</td>
</tr>
<tr>
<td>Peritoneal dialysis - B</td>
<td>MP410-MP450bis</td>
</tr>
<tr>
<td>Cardiovascular complications in CKD 5D</td>
<td>MP451-MP515bis</td>
</tr>
<tr>
<td>CKD-MBD - B</td>
<td>MP516-MP551</td>
</tr>
<tr>
<td>Epidemiology - CKD 5D - B</td>
<td>MP552-MP595</td>
</tr>
<tr>
<td>Protein-energy wasting</td>
<td>MP596-MP628</td>
</tr>
<tr>
<td>Transplantation - clinical studies - B</td>
<td>MP629-MP692</td>
</tr>
<tr>
<td>Paediatric nephrology - B</td>
<td>MP693-MP716</td>
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</tbody>
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MP001
FUNCTIONAL ROLES OF KLOTHO IN THE PROCESS OF RENAL FIBROSIS ASSESSED IN THE CULTURED RENAL EPITHELIAL AND FIBROBLAST CELLS
Ken Tsuchiya,1 Syunji Shiohira,1 Hidekazu Sugiuira,1 Miki Suzuki,1 Kazuhiro Okano,2 Kosaku Nitta.1
1Dept Medicine IV, 2Div Blood Purification, Tokyo Women’s Medical Univ, Tokyo, Japan.

MP002
GAS6 PROTEIN AND ITS ROLE IN VASCULAR CALCIFICATION
Nadine Kaesler,1 Svenja Immendorf,1 Chun Ouyang,1 Peter Carmeliet,2 Jürgen Floege,1 Thilo Krüger,1 Georg Schlieper,1
1Medical Clinic II, Univ Hosp Aachen, Aachen, Germany; 2Vesalius Research Center, Univ Leuven, Leuven, Belgium.

MP003
FUNCTIONAL ROLE OF HIF-1a IN HYPOXIA OR PHD-INHIBITION IN GLOMERULAR ENDOTHELIAL CELLS
Adela Georgescu, Joanna Kalucka, Susanne Olbrich, Jasmin Baumgartl, Thomas Hackenbeck, Kai-Uwe Eckardt, Alexander Weidemann.
Nephrology and Hypertension, Univ Erlangen-Nuremberg, Erlangen, Germany.

MP004
INTERACTION BETWEEN IFNγ AND TLR ACTIVATED SIGNALING PATHWAY IN CELLS FROM THE VASCULATURE IS STAT1 MEDIATED
Stefan Chmielewski,1,2 Adam Olejnik,2 Krzysztof Sikorski,2 Uwe Heemann,1 Joanna Wesoly,2 Hans Bluyssen,2 Marcus Baumann.1
1Dept Nephrology, Klinikum rechts der Isar, TU, Munich, Germany; 2Dept Human Molecular Genetics, Inst Molecular Biology and Biotechnology, Adam Mickiewicz Univ, Poznan, Poland.

MP005
SYNERGISTIC EFFECT OF RAPAMYCIN AND METFORMIN ON mTOR SIGNALING IN HUMAN RENAL CELLS WITH POLYCYSTIN-1 KNOCKDOWN
Djalila Mekahli,1,2 Jean-Paul Decuyper,1 Ludwig Missiaen,1 Elena Levchenko,2,3 Humbert De Smedt.1
1Dept Cellular and Molecular Medicine, Lab Molecular and Cellular Signaling, KU Leuven, Campus Gasthuisberg O&N I, Leuven, Belgium; 2Dept Pediatric Nephrology, Univ Hosp Leuven, Leuven, Belgium; 3Lab Pediatrics, KU Leuven, Leuven, Belgium.

MP006
RAPAMYCIN (RAPA) PREVENTS LPS-INDUCED ENDOTHELIAL CELL DYSFUNCTION
A Stasi,1 G Castellano,1 M Gigante,1 A Intini,1 P Pontrelli,1 C Divella,1 C Curci,2 G Grandalidano,3 L Gesualdo.1
1Dept Emergency and Organ Transplantation, Univ Bari, Bari, Italy; 2C.A.R.S.O. Consortium, Valenzano-Bari, Univ Bari, Valenzano-Bari, Italy; 3Dept Medical and Surgical Sciences, Univ Foggia, Foggia, Italy.

MP007
NERVE GROWTH FACTOR ENHANCES THE NEPHROTOXIC EFFECTS EXERTED BY CYCLOSPORINE IN TUBULAR RENAL CELLS
Donatella Vizza, Anna Perri, Danilo Lofaro, Pina Toteda, Simona Lupinacci, Francesca Leone, Paolo Gigliotti, Teresa Papalia, Renzo BonsIGNORE.
Dept Nephrology, Annunziata Hosp, Kidney and Transplantation Research Center, Cosenza, Italy.

MP008
THE ROLE OF INTERLEUKIN-6 IN RENAL TRANSPLANT REJECTION (LECTURE).
Andrey V. Vatazin, Pavel V. Astakhov, Alexey B. Zulkarnau.
Surgical Dept transplantation and dialysis, M.F Vladimirsky Moscow Regional Research Clinical Inst, Moscow, Russian Federation.
MP009  URAT 1 INHIBITION PROTECTS HUMANS PROXIMAL TUBULE CELLS FROM APOPTOTIC DAMAGE INDUCED BY URIC ACID
Emanuele L Parodi, Daniela Verzola, Elena D’arrato, Francesca Viazzi, Anna-lisa Cornella, Debra Garneri, Roberto Pontremoli, Giacomo Garibotto. Dept Internal Medicine and Cardi nephrology, Univ Genoa and IRCCS Azienda Osp Univ San Martino-IST Ist Nazionale ricerca Cancro, Genoa, Italy.

MP010  MICRONRINA-328 REGULATES PRESSURE-INDUCED FIBROTIC RESPONSES IN RAT RENAL TUBULAR CELLS THROUGH TARGETING CD44 EXPRESSION
Tso-Hsiao Chen, Cheng-Hsien Chen, Yen-Cheng Chen, Yuh-Mou Sue, Chung-Yi Cheng. Dept Internal Medicine, Taipei Medical Univ-Wan Fang Medical Center, Taipei, Taiwan Rep China.

MP011  GREMLIN AGGRAVATES HYPERGLYCEMIA-INDUCED PODOCYTE INJURY BY A TGFb/SMAD DEPENDENT SIGNALING PATHWAY
Li Guiying, Li Ying. Dept Nephrology, Third Hosp Hebei Medical Univ, Shijiazhuang, Hebei, China.

MP012  OUABAIN INDUCES KIDNEY INJURY VIA MODULATION OF NEPHRIN AND SIK1 EXPRESSION IN GLOMERULAR PODOCYTES
Simona Pozzoli,1 Merlino Lino,1 Simona Delli Carpini,1 Mara Ferrandi,1 Gianpaolo Zerbini,2 Marco Simonini,1 Laura Zagato,1 Isabella Molinari,1 Loretta Citterio,1 Paolo Manunta.1 1OU Nephrology and Dialysis, Chair Nephrology, San Raffaele Scientific Inst, Univ Vita Salute San Raffaele, Milan, Italy; 2Complications Diabetes Unit, Div Metabolic and Cardiovascular Sciences, San Raffaele Scientific Inst, Milan, Italy.

MP013  RETINOIC ACID REGULATES PODOCYTES DEDIFFERENTIATION AND REGENERATION
Xiaobei Feng, Xiaoxia Pan, Weiming Wang, Nan Chen. Dept Nephrology, Rui Jin Hosp, School Medicine, Shanghai Jiao Tong Univ, Shanghai, China.

MP014  ROLE OF ERM PROTEIN FAMILY IN TGF-b1 INDUCED EPITHELIAL-TO-MESENCHYMAL TRANSITION IN HUMAN TUBULAR EPITHELIAL CELLS
Yong-Xi Chen, Wei-Ming Wang, Nan Chen. Dept nephrology, Ruijijn Hosp, Shanghai, China.

MP015  EFFECTS OF UREMIC TOXIN P-CRESOL ON PROLIFERATION, APOPTOSIS, DIFFERENTIATION AND GLUTOSEUPTAKE IN 3T3-L1 CELLS
Sayuri Tanaka,1 Shozo Yano,2 Toshitsugu Sugimoto.1 1Internal Medicine 1, 2Lab Medicine, Shimane Univ Fac Medicine, Izumo, Shimane, Japan.

MP016  UREMIC TOXIN, P-CRESOL, INDUCES AKT-SELECTIVE INSULIN RESISTANCE IN BONE MARROW-DERIVED MESENCHYMAL STEM CELLS

MP017  INDOXYL SULFATE INDUCES RENAL FIBROSIS BY ENHANCING P53-TGF-b1-SMAD3 PATHWAY IN PROXIMAL TUBULAR CELLS
Hidehisa Shimizu,1 Maimaiti Yisireyili,1 Fuyuhiko Nishijima,2 Toshimitsu Niwa.1 1Advanced Medicine Uremia, Nagoya Univ Grad School Medicine, Nagoya, Japan; 2Biomedical Research labs, Kureha Co., Tokyo, Japan.
MP018
OLEANOLIC ACID ATTENUATES RENAL INTERSTITIAL FIBROSIS IN UNILATERAL URETERAL OBSTRUCTIVE NEPHROPATHY BY FACILITATING NUCLEAR TRANSLLOCATION OF NRF2
Eun Sil Koh, Sungjin Chung, Soo Jeong Kim, Sung Jun Kim, Hye Eun Yoon, Cheol Whee Park, Yoon Sik Chang, Seok Joon Shin.
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MP019
LIPID METABOLISM AND THE EXPRESSION OF PROTEINS FOR LIPID REGULATION IN EXPERIMENTAL CHRONIC RENAL FAILURE
Eun Young Seong,1 Harin Rhee,1 Min Ji Shin,1 Byeong Yun Yang,1 Yeon Soon Jung,2 Dong Won Lee,1 Soo Bong Lee,1 Ihm Soo Kwak,1 Il Young Kim,1 Internal Medicine, Medical Research Inst, Pusan National Univ College Medicine, Busan, Korea; 2Internal Medicine, Kosin Univ College Medicine, Busan, Korea.

MP020
INHIBITION OF OXIDATIVE STRESS DOES NOT PREVENT RENAL TUBULAR CYTOTOXICITY INDUCED BY CISPLATIN
Sandra M Sancho-Martinez,1,2 Laura Prieto-Garcia,1 Francisco J Lopez-Hernandez,1,2,3 Jose M Lopez-Novoa,1,2
1IBSAL, Salamanca, Spain; 2Univ Salamanca, Salamanca, Spain; 3IECSCYL, Soria, Spain.

MP021
THE FARNESOID X RECEPTOR LIGAND PREVENTS CISPLATIN-INDUCED RENAL INJURY BY ENHANCING THE ORPHAN NUCLEAR RECEPTOR SMALL HETERODIMMER PARTNER
Eun Hui Bae,1 Hong Sang Choi,1 Soo Yeon Joo,2 In Jin Kim,2 Chang Seong Kim,1 Joon Seek Choi,1 Seong Kwon Ma,1 Jongun Lee,2 Soo Wan Kim,1 Internal medicine, 2physiology, Chonnam National Univ Medical School, Gwangju, Korea.

MP022
ROLE OF CILASTATIN AGAINST CISPLATIN-INDUCED NEPHROTOXICITY AND INFLAMMATION IN RATS
Blanca Humanes,1 Camañó Sonia,1 Juan C Jado,1 Marina Mojena,1 Jose M Lara,2 Luis Álvarez-Sala,3 Alberto Tejedor,1 Alberto Lázaro,1 1Lab Renal Physiopathology, Dept Nephrology, 2Dept Pathology, 3Dept Internal Medicine, Hosp General Univ Gregorio Marañón, Inst Investigación Sanitaria Gregorio Marañón, Madrid, Spain.

MP023
EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) INHIBITION WITH ERLOTINIB ATTENUATES CISPLATIN-INDUCED NEPHROTOXICITY IN RATS
Yukihiro Wada, Masayuki Iyoda, Kei Matsumoto, Yuki Shindo-Hirai, Yoshihiro Kuno, Yasutaka Yamamoto, Taihei Suzuki, Takenori Shibata, Tadao Akizawa.
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MP024
ACTIVATION OF THE INFLAMMASOME IN CISPLATIN-INDUCED ACUTE KIDNEY INJURY; PROTECTION BY CASPASE INHIBITION
Dong Won Lee,1 Ihm Soo Kwak,1 Soo Bong Lee,1 Eun Young Seong,1 Sarah Faubel,2 Charles L Edelstein,2 1Internal Medicine, Nephrology, Pusan National Univ School Medicine, Yangsan, Korea; 2Renal Disease and Hypertension, Univ Colorado Denver, Aurora, CO, USA.

MP025
REGULATION OF MOUSE GLOMERULAR FILTRATION BY THE INTEGRIN-LINKED KINASE (ILK) IN CISPLATIN INDUCED NEPHROTOXICITY
José Luis Cano Peñalver,2,3,4 Sergio De Frutos Garcia,2,3,4 Mercedes Griera Merino,2,3,4 Alicia Luengo Rodriguez,2,3,4 Andrea Garcia Jerez,2,3,4 Lourdes
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Bohorquez Magro,2,3,4 Diana Medrano,1,2,3 Laura Calleros Basilio,2,3,4 Manuel Rodriguez Puyol,2,3,4
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MP026
ROLE OF CASPASE 9 ACTIVITY IN APOPTOTIC AND NECROTIC CELL DEATH INDUCED BY THE NEPHROTOXIC DRUG CISPLATIN
Laura Prieto-Garcia,1 Sandra M Sancho-Martinez,1,2 Francisco J Lopez-Hernandez,1,2,3 Manuel Rodriguez Puyol.2,3,4
1IBSAL, Salamanca, Spain; 2Univ Salamanca, Salamanca, Spain; 3IECSCYL, Soria, Spain.

MP027
DIFFERENTIAL EXPRESSION OF TRANSIENT RECEPTOR POTENTIAL CANONICAL TYPE 6 (TRPC6) CHANNEL AND SYNDECAN 4 IN HUMAN Podocytes UNDER HIGH GLUCOSE
Florian Thilo,1 Ying Liu,2,3 Martin Tepel,2,3
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MP028
CHRONIC LOW LEVEL CADMIUM EXPOSURE CAUSES ALBUMINURIA BY INDUCING ENDOPLASMIC RETICULUM STRESS AND APOPTOSIS IN Podocytes
Hsiang-Hao Hsu,1,2,3,4 Kuan-Hsing Chen,1,2,3 Cheng-Chieh Hung,1,3 Chih-Wei Yang,1,3 Nicole Endlich,5 Ja-Liang Lin,2,3 Hermann Pavenstädt.4
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MP029
GREMLIN MODULATES FIBROSIS IN RENAL CELLS VIA VEGFR2 PATHWAY AND INDEPENDENT OF ITS BMPS ANTAGONISTS EFFECTS.
Raúl R Rodrigues Diez,1 Sergio Mezzano,2 Marta Ruiz-Ortega,1 Raquel Rodrigues Diez,1 Carolina Lavoz.1
1Nephrology, IISFJD-UAM, Madrid, Spain; 2Nephrology, UACH, Valdivia, Chile.

MP030
LANTHANUM SUPPRESSES AGES-INDUCED OSTEOSTRALISTIC DIFFERENTIATION VIA INHIBITION OF RAGE-ROS-NF-kB PATHWAY IN RAT VASCULAR SMOOTH MUSCLE CELLS
Yosuke Nakayama,1 Kei Fukami,1 Sho-Ichi Yamagishi,2 Nana Obara,1 Miyuki Yokoro,1 Ryoutarou Ando,1 Yusuke Kaida,1 Maki Toyonaga,1 Kuniko Kaito,1 Masayoshi Takeuchi,3 Seiji Ueda,1 Seiya Okuda,1
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MP031
HEME OXYGENASE 1 EXPRESSION BY HUMAN UMBILICAL ARTERY ENDOTHELIAL CELLS (HUACES) IN UREMIC VERSUS HEALTHY SERUM CONDITIONS.
Kristien Daenen,1 Marc F Hoylaerts,2 Bert Bammens.1
1Lab Nephrology, Dept Microbiology and Immunology, 2Molecular and Vascular Biology, Dept Cardiovascular Sciences, KU Leuven, Leuven, Belgium.
MP032
CURCUMIN AND VALPROIC ACID RELIEVE THE ADRIAMYCIN-INDUCED INJURY ON PODOCYTE
Jian Liu, Fang Zhong, Qin Dai, Lili Xu, Weiming Wang, Nan Chen.
Dept Nephrology, Ruijin Hosp affiliated to Shanghai Jiaotong Univ, School Medicine, Shanghai, China.

MP033
DIFFERENTIALLY EXPRESSED GENES AND THEIR ASSOCIATED NETWORKS IN CLEAR-CELL RENAL CELL CARCINOMA (RCC)
Apostolos Zaravinos, Constantinos C Deltas.
Dept Biological Sciences, Molecular Medicine Research Center and Lab Molecular and Medical Genetics, Univ Cyprus, Nicosia, Cyprus.
MP034

EFFICACY OF ECULIZUMAB IN ATYPICAL HEMOLYTIC UREMIA SYNDROME (aHUS) PATIENTS WITH OR WITHOUT PRIOR TRANSPLANT

Christophe Legendre,1 David Cohen,2 Yahsou Delmas,3 Thorsten Feldkamp,4 Denis Fouque,5 Richard Furman,6 Osama Gabor,7 Larry Greenbaum,8 Timothy Goodship,9 Hermann Haller,10 Maria Herthelius,11 Maryvonne Hourmant,12 Christoph Licht,13 Bruno Moulin,14 Neil Sheerin,15 Antonella Trivelli,15 Camille L Bedrosian,16 Chantal Loirat.17

1Univ Paris Descartes, Hôp Necker, Paris, France; 2Columbia Univ Medical Center, New York, NY, USA; 3CHU Pellegrin, Bordeaux, France; 4Univ Duisburg-Essen, Essen, Germany; 5Hôp E. Herriot and Univ Lyon, Lyon, France; 6Weill Cornell Medical College, New York, NY, USA; 7Methodist Hosp, Houston, TX, USA; 8Emory Univ School Medicine, Atlanta, GA, USA; 9Newcastle Univ, Newcastle upon Tyne, UK; 10Hannover Medical School, Hannover, Germany; 11Karolinska Univ Hosp, Stockholm, Sweden; 12CHU Hôtel Dieu, Nantes, Nantes, France; 13Hosp Sick Children and Univ Toronto, Toronto, ON, Canada; 14Hôp Univ Strasbourg, Nouvel Hôp Civil, Strasbourg, France; 151st G. Gaslini, Genova, Italy; 16Alexion Pharmaceuticals Inc., Cheshire, CT, USA; 17Assistance Publique–Hôp Paris, Hôp Robert Debré, Paris, France.

MP035

EFFICACY OF ECULIZUMAB IN ATYPICAL HEMOLYTIC UREMIA SYNDROME (aHUS) PATIENTS WITH OR WITHOUT A HISTORY OF DIALYSIS

Christophe Legendre,1 Sunil Babu,2 David Cohen,3 Yahsou Delmas,4 Richard Furman,5 Osama Gabor,6 Larry Greenbaum,7 Maryvonne Hourmant,8 Therese Jungfrathmayr,9 Yvon Lebranchu,10 Magdalena Riedl,9 Neil Sheerin,11 Camille L Bedrosian,12 Chantal Loirat.13

1Univ Paris Descartes, Hôp Necker, Paris, France; 2Fort Wayne Medical Oncology and Hematology, Fort Wayne, IN, USA; 3Columbia Univ Medical Center, New York, NY, USA; 4CHU Pellegrin, Bordeaux, France; 5Weill Cornell Medical College, New York, NY, USA; 6Methodist Hosp, Houston, TX, USA; 7Emory Univ School Medicine, Atlanta, GA, USA; 8CHU Hotel Dieu-Nantes, Nantes, Nantes, France; 9Univ Innsbruck, Innsbruck, Austria; 10Univ Hosp, François Rabelais Univ, Tours, France; 11Newcastle Univ, Newcastle upon Tyne, UK; 12Alexion Pharmaceuticals, Cheshire, CT, USA; 13Assistance Publique–Hôp Paris, Hôp Robert Debré, Paris, France.

MP036

LONG-TERM IMPROVEMENTS IN OUTCOMES WITH ECULIZUMAB IN PATIENTS WITH ATYPICAL HAEMOLYTIC UREAEMIC SYNDROME AND PROGRESSING TMA

Neil Sheerin,1 Christophe Legendre,2 Larry Greenbaum,3 Richard Furman,4 David Cohen,5 A Osama Gabor,6 Camille Bedrosian,7 Chantal Loirat.8

1Newcastle Univ, Newcastle upon Tyne, UK; 2Univ Paris Descartes & Hôp Necker, Paris, France; 3Emory Univ, Atlanta, GA, USA; 4Weill Cornell Medical College, New York, NY, USA; 5Columbia Univ Medical Center, New York, NY, USA; 6Methodist Hosp, Houston, TX, USA; 7Alexion Pharmaceuticals Inc., Cheshire, CT, USA; 8Hôp Debré, Paris, France.

MP037

LONG-TERM EFFICACY OF ECULIZUMAB IN PATIENTS WITH ATYPICAL HAEOMLYTIC UREAEMIC SYNDROME WITH A LONG DISEASE DURATION AND CHRONIC KIDNEY DISEASE

Hermann Haller,1 Christoph Licht,2 Petra Muus,3 Christophe Legendre,4 Kenneth Douglas,5 Maryvonne Hourmant,6 Maria Herthelius,7 Antonella Trivelli,8 Timothy Goodship,9 Giuseppe Remuzzi,10 Camille Bedrosian,11 Chantal Loirat.12

1Hannover Medical School, Hannover, Germany; 2Hosp Sick Children, Toronto, ON, Canada; 33Radboud Univ Nijmegen Medical Centre, Nijmegen, Netherlands; 4Hôp Necker, Paris, France; 55Beatson West Scotland Cancer Centre, Glasgow, UK; 6CHU Hôtel-Dieu, Nantes, France; 7Karolinska Univ Hosp, Stockholm, Sweden; 8St G Gaslini, Genoa, Italy; 9Newcastle Univ, Newcastle, UK; 10Mario Negri Inst, Bergamo, Italy; 11Alexion Pharmaceuticals Inc., Cheshire, CT, USA; 12Hôp Debré, Paris, France.
MP038
POSTPARTUM ATYPICAL HEMOLYTIC UREMIC SYNDROME IN A YOUNG ADULT TREATED WITH ECULIZUMAB
Andreas Kourouklaris, Kyriakos Ioannou, Ioannis Athanasiou, Kyproula Demetriou, Alexia Fanagidou, Michalis Zavros.
Nephrology Clinic, General Hosp Nicosia, Nicosia, Cyprus.

MP039
POST-PARTUM HEMOLYTIC UREMIC SYNDROME SUCCESSFULLY TREATED WITH ANTI-C5
Nestor Y Rodríguez C,1 Miquel Blasco,1 Carola Arca,l,1 Luis F Quintana,1 Santiago Rodriguez De Cordoba,2 Josep M Campistol,1
1Nephrology and Kidney Transplant Unit, Hosp Clinic, Barcelona, Spain; 2Dept Cellular and Molecular Medicine, Centro Investigaciones Biológicas (CSIC) and Ciber Enfermedades Raras (CIBERER), Madrid, Spain.

MP040
NEXT-GENERATION SEQUENCING (NGS) IMPROVES GENETIC TESTING FOR ATYPICAL HEMOLYTIC UREMIC SYNDROME (AHUS) AND RELATED DISORDERS
Nadine Bachmann,1 Tobias Eisenberger,1 Christian Decker,1 Hanno J. Bolz,1 Carsten Bergmann.1,2
1Center Human Genetics Bioscientia, Ingelheim, Germany; 2Center Clinical Research, Univ Freiburg, Freiburg, Germany.

MP041
IDENTIFICATION OF QUANTITATIVE TRAIT LOCI FOR DEGLYCOSYLATED IgA1 SERUM LEVELS IN FAMILIAL IgA NEPHROPATHY
Francesco Pesce,1,3 Sharon N Cox,1 Grazia Serino,1 Giuseppe De Palma,2 Fabio Sallustio,1 Francesco P Schena,2 Mario Falchi,3
1Nephrology, Dialysis and Transplantation Unit, Dept Emergency and Organ Transplantation (D.E.T.O.), Univ Bari, Bari, Italy; 2Centro Addestramento Ricerca Scientifica Oncologia (C.A.R.S.O.) Consortium, Univ Bari, Valenzano (Bari), Italy; 33Dept Genomics Common Disease, School Public Health, Imperial College London, London, UK.

MP042
EVIDENCE FOR ACTIVATION OF THE UNFOLDED PROTEIN RESPONSE IN COLLAGEN IV NEPHROPATHIES
Myrtani Pieri,1 Charalambos Stefanou,1 Apostolos Zaravinos,1 Kamil Erguler,1 George Lapahtitis,2 Harsh Dweep,3 Carsten Sticht,3 Natassa Anastasiadou,4 Ioanna Zouvani,4 Konstantinos Voskarides,1 Norbert Gretz,3 Constantinos C Deltas,1
1Univ Cyprus, Nicosia, Cyprus; 2Cyprus Inst Neurology and Genetics, Nicosia, Cyprus; 3Univ Heidelberg, Mannheim, Germany; 4Nicosia General Hosp, Nicosia, Cyprus.

MP043
FUNCTIONAL STUDIES OF SLC2A9 (GLUT9) VARIANTS ASSOCIATED WITH PLASMA URIC ACID LEVELS
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MP044
MIR-1915 AND MIR-1225-5P REGULATE THE EXPRESSION OF CD133, PAX-2 AND TLR2 IN ADULTRENAL PROGENITOR CELLS
Fabio Sallustio,1,2,3 Grazia Serino,1 Claudia Curci,2 Sharon Natasha Cox,1 Giuseppe De Palma,2 Francesco Paolo Schena,2
1Dept Emergency and Organ Transplantation, Univ Bari, Bari, Italy; 2Consorzio CARSO, Valenzano, Ba, Italy; 3Univ Salento, Lecce, Italy.

MP045
NO AMELIORATION OF UROMODULIN MATURATION AND TRAFFICKING DEFECT BY SODIUM-4-PHENYL BUTYRATE IN VIVO: STUDIES IN A MOUSE MODEL OF UROMODULIN-ASSOCIATED KIDNEY DISEASE
Elisabeth Kemter,1 Stefanie Sklenak,1 Bernhard Aigner,1 Ruediger Wanke.2
1Chair Molecular Animal Breeding and Biotechnology, Gene Center, 2Inst Veterinary Pathology, Center Clinical Veterinary Medicine, LMU Munich, Munich, Germany.
MP046
ASSOCIATION BETWEEN GENOTYPE AND PHENOTYPE IN UROMODULIN-ASSOCIATED KIDNEY DISEASE: RESULTS FROM AN INTERNATIONAL DATA REVIEW
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MP047
METALLTHIONEINS AS MARKERS FOR BIOLOGICAL ORGAN AGE IN PREIMPLANTATION KIDNEY BIOPSIES
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MP048
MOLECULAR CHARACTERIZATION OF 65 PORTUGUESE FAMILIES WITH CLINICAL DIAGNOSIS OF COLLAGEN TYPE IV GLOMERULOPATHIES
Maria J N Sá, Susana Alves, Helen Storey, Frances Flinter, Patrick J Willemss, Filipa Carvalho, João P Oliveira.
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MP049
THIN BASEMENT MEMBRANE NEPHROPATHY DUE TO HETEROZYGOUS COL4A3/COL4A4 MUTATIONS IS A MORE FREQUENT CAUSE OF ESKD COMPARED TO ALPORT SYNDROME
Maria Arsali, Louiza Papazachariou, Panayiota Demosthenous, Akis Lazarou, Michalis Hadjigavriel, Christoforos Stavrou, Lakis Yioukkas, Konstantinos Vasikaris, Constantinos Deltas, Michalis Zavros, Alkis Pierides.
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MP050
PATHOPHYSIOLOGY OF FAMILIAL MICROSCOPIC HEMATURIA (FMH) WITH THIN BASEMENT MEMBRANES AND/OR PROGRESSIVE KIDNEY DISEASE. COL4A3/A4 HETEROZYGOUS MUTATIONS ARE THE COMMONEST CAUSE BUT ALPORT COL4A5 HYPOMORPHIC, MISSENSE MUTATIONS ARE ALSO A POSSIBILITY
Maria Arsali, Louiza Papazachariou, Panayiota Demosthenous, Michalis Hadjigavriel, Christoforos Stavrou, Lakis Yioukkas, Konstantinos Vasikaris, Constantinos Deltas, Alkis Pierides.
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MP052
GENETIC ASSOCIATION OF COPY-NUMBER VARIATION IN IDIOPATHIC CALCIUM NEPHROLITHIASIS
Alessandra Familiar, Barbara Zavan, Simone Sanna Cherchi, Antonia Fabris, Rosalba Cristofaro, Giovanni Gambaro, Angela D’angelo, Franca Anglani.
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MP053
RESEQUENCING STUDY OF 40 CANDIDATE GENES IN 960 INDIVIDUALS WITH VARYING DEGREES OF URINARY CALCIUM EXCRETION SUGGESTS ASSOCIATION WITH CLAUDIN14
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MP054
A SAGE BASED APPROACH TO HUMAN GLOMERULAR ENDOTHELIUM: DEFINING THE TRANSCRIPTOME, FINDING A NOVEL MOLECULE AND HIGHLIGHTING ENDOThelial DIVERSITY
Gürkan Sengölge,1 Tarek Bajari,1 Anna Kupczok,3 Arndt Von Haeuser,4 Michael Schuster,2 Walter Pfaller,5 Paul Jennings,5 Ansgar Weltermann,6 Sophia Blake,7 Gere Sunder-Plassmann.1
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MP055
A FAMILY WITH NPHS2 HOMOZYGOUS P.R229Q VARIANT IN BOTH AFFECTED AND UNAFFECTED FAMILY MEMBERS: THE MISSING EVIDENCE
Andrea Kerti,1 Rózsa Csohány,1 László Wagner,2 Eszter Jávorszky,1 Erika Maka,3 Tivadar Tulassay,1,4 Kálmán Tóry.1
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MP056
ASSESSING BLEEDING RISK OF RENAL ANGIOMYOLIPOMATA (AML) IN TUBEROUS SCLEROSIS COMPLEX (TSC).
John C Kingswood, Natalya Nikoloskaya, Jana Mbundi.
Royal Sussex County Hosp, Sussex Kidney Unit, Brighton, UK.

MP057
EFFECT OF EVEROLIMUS ON RENAL ANGIOMYOLIPOMA (AML) IN PATIENTS WITH TUBEROUS SCLEROSIS COMPLEX (TSC) BEING TREATED FOR SUBEPENDYMAL GIANT CELL ASTROCYTOMA (SEGA)
J C Kingswood,1 J Zowjaciak,2 E Belousova,3 M Frost,4 R Kuperman,5 M Bebin,6 B Korl,6 R Flaminio,7 M Kohrman,8 S Sparagana,9 J Wu,10 T Brechenmacher,11 K Steen,12 J J Bissler,13 D N Franz.13
1Royal Sussex County Hosp, Brighton, UK; 2Children’s Memorial Hosp, Warsaw, Poland; 3Moscow Research Inst Pediatrics & Pediatric Surgery, Moscow, Russian Federation; 4Minnesota Epilepsy Grp, St. Paul, MN, USA; 5Childrens Hosp Research Ctr, Oakland, CA, USA; 6Univ Alabama Birmingham, Birmingham, AL, USA; 7Children’s Healthcare Atlanta, Atlanta, GA, USA; 8Univ Chicago, Chicago, IL, USA; 9Texas Scottish Rite Hosp Children, Dallas, TX, USA; 10Mattel Children’s Hosp, Los Angeles, CA, USA; 11Novartis Pharma, Malmaison, France; 12Novartis Pharmaceuticals, East Hanover, NJ, USA; 13Cincinnati Children’s Hosp, Cincinnati, OH, USA.

MP058
PHARMACOKINETICS AND EXPOSURE-SAFETY RELATIONSHIP OF EVEROLIMUS IN PATIENTS WITH RENAL ANGIOMYOLIPOMA (AML) ASSOCIATED WITH TUBEROUS SCLEROSIS COMPLEX (TSC) OR SPORADIC LYMPHANGIOLEIOMYOMATOSES
J C Kingswood, B Zonnenberg,2 M Frost,3 W Cheung,4 J Wang,8 T Brechenmacher,5 D Lam,4 J J Bissler,6 K Budde.7
1Royal Sussex County Hosp, Brighten, UK; 2Univ Medical Ctr Utrecht, Utrecht, Netherlands; 3Minnesota Epilepsy Group, St Paul, MN, USA; 4Novartis Pharmaceuticals, Florham Park, NJ, USA; 5Novartis Pharma, Rueil-Malmaison, France; 6Cincinnati Children’s Hosp, Cincinnati, OH, USA; 7Charité Univ, Berlin, Germany; 8Novartis Pharmaceuticals, Basel, Switzerland.
MP059
THE ROLE OF GENE POLYMORPHISM T/G IL-28 IN SYSTEMIC LUPUS ERYTHEMATOSUS DEVELOPMENT AND ITS COMPLICATIONS
Lyudvig V Ivanitskiy, Evgeniya Sowershaeva, Tatyana N Krasnova, Larisa M Samokhodskaya.
Fac Fundamental Medicine, Moscow State Univ named after M.V. Lomonosov, Moscow, Russian Federation.

MP060
THE MUTATIONAL ANALYSIS OF THE ACTN4 IN PATIENTS WITH FOCAL SEGMENTAL GLOMERULOSCLEROSIS USING HRM METHOD
Marketa Safarikova,1 Reiterova Jana,2 Stekrova Jitka,1 Lena Obeidova,1 Milada Kohoutova,1 Vladimir Tesar.2
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MP061
RENAL AGENESIS AND HYOPLASIA IN HUMANS ARE NOT ASSOCIATED GLIAL CELL LINE-DERIVED NEUROTROPHIC FACTOR
Havva Evrengul,1 Pelin Ertan,1 Erkin Serdaroglu,2 Selocek Yuksel,3 Sevgi Mir,4 Ezgi Yangm Ergon,1 Afig Berdeli,5
1Pediatric Nephrology, Celal Bayar Univ School Medicine, Manisa, Turkey; 2Pediatric Nephrology, Behcet Uz Training and Education Children Hosp, Izmir, Turkey; 3Pediatric Nephrology, Pamukkale Univ School Medicine, Denizli, Turkey; 4Pediatric Nephrology, SMOlular Genetics, Ege Univ School Medicine, Izmir, Turkey.

MP062
miRNA PROFILING IN CKD
Adam M Zawada,1 Kyrill S Rogacev,1 Björn Rötter,2 Peter Winter,2 Danilo Fliser,1 Gunnar H Heine.1
1Internal Medicine IV - Nephrology and Hypertension, Saarland Univ Medical Center, Homburg, Germany; 2GenXPro GmbH, Frankfurt, Germany.

MP063
HEMOLYSIS: A FATAL COMPLICATION OF ALKAPTONURIA IN SEVERE RENAL FAILURE PATIENTS.
Stanislas Bataille,1 Valerie Moal,1 Yvon Berland,1 Laurent Daniel.2
1Nephrology, 2Anatomopathology, Aix-Marseille Univ - APHM, Marseille, France.

MP064
STUDY OF THE COL4A4 GENE AND DESCRIPTION OF NEW MUTATIONS RESPONSIBLE FOR ALPORT SYNDROME
Consolación Rosado,1 Elena Bueno,2 Pilar Fraile,1 Cristina Lucas,1 Pedro García-Cosmes,1 José Matías Tabernero,1 Rogelio González.2
1Serv Nephrology, Univ Hosp Salamanca, Salamanca, Spain; 2Serv Molecular Medicine, Univ Salamanca, Salamanca, Spain.

MP065
STUDY OF THE COL4A3 GENE AND DESCRIPTION OF NEW MUTATIONS RESPONSIBLE FOR AUTOSOMAL DOMINANT ALPORT SYNDROME
Consolación Rosado,1 Elena Bueno,2 Pilar Fraile,1 Cristina Lucas,1 Pedro García-Cosmes,1 José Matías Tabernero,1 Rogelio González.2
1Serv Nephrology, Univ Hosp Salamanca, Salamanca, Spain; 2Serv Molecular Medicine, Univ Salamanca, Salamanca, Spain.

MP066
LRP5 GENE SINGLE NUCLEOTIDE POLYMORPHISMS AND OSTEOPOROSIS IN CHILDREN WITH PRIMARY GLOMERULONEPHRITIS TREATED WITH GLUCOCORTICOIDS.
Magdalena Śilská-Dittmar,1 Katarzyna Zaorska,2 Anna Malke,1 Anna Musielak,1 Danuta Ostalska-Nowicka,1 Jacek Zachwieja.1
1Dept Pediatric Cardiology and Nephrology, 2Dept Histology and Embryology, Poznan Univ Medical Sciences, Poznan, Poland.
MP067
ASSOCIATION BETWEEN GENE POLYMORPHISM OF MANGANESE SUPEROXYDE DISMUTASE AND ACUTE KIDNEY INJURY
Veyssel Kıdır,1 Efkan Uz,2 Ayşe Yiğit,3 Atıla Altuntas,1 Barbaros Yiğit,3 Salih Inal,1,1 Ebru Uz,4 Mehmet T Sezer,1 Ramazan Yılmaz,5
1Dept Internal Medicine, Div Nephrology, 2Dept Medical Biochemistry, 3Dept Medical Biology, Süleyman Demirel Univ, Medical School, Isparta, Turkey; 4Dept Internal Medicine, Div Nephrology, Fatih Univ, Medical School, Ankara, Turkey; 5Dept Medical Genetics, Mevlana Univ, Medical School, Konya, Turkey.

MP068
SYNERGY BETWEEN THE PHARMACOLOGICAL CHAPERONE 1-DEOXYGALACTONOJIRIMYCIN AND AGALSIDASE ALPHA IN CULTURED FIBROBLASTS FROM PATIENTS WITH FABRY DISEASE
Bianca Visciano,1 Caterina Porto,2 Emma Acampora,2 Roberta Russo,1 Eleonora Riccio,1 Ivana Capuano,1 Giancarlo Parenti,2 Antonio Pisani,1
1Nephrology, 2Pediatrics, Univ Naples Federico II, Naples, Italy.

MP069
ANGIOTENSIN RECEPTOR BLOCKERS AND ANGIOTENSIN CONVERTING ENZYME INHIBITORS (ARB/ACE) SLOW THE PROGRESSION OF NEPHROPATHY IN MALES WITH FABRY DISEASE
Sandro Feriozzi,1 Amandine Perrin,2 Michael West,3 Kathy Nicholls,4 Gere Sunder-Plassmann,5 Joan Torras,6 Markus Cybulla,7
1Belcolle Hosp, Viterbo, Italy; 2Shire HGT, Eysins, Switzerland; 3Dalhousie Univ, Halifax, Nova Scotia, Canada; 4Royal Melbourne Hosp & Univ Melbourne, Victoria, Australia; 5Medical Univ, Vienna, Austria; 6Hospital Bellvitge IDIBELL, Barcelona, Spain; 7FGM, Center Internal Medicine, Müllheim, Germany.

MP070
A NOVEL GLA MUTATION IN A SARDINIAN PATIENT WITH FABRY DISEASE: LONG TERM PROGNOSIS
Maura Conti, Andrea Angli, Matteo Floris, Patrizia Melis, Anna Maria Asunis, Doloretta Piras, Antonello Pani.
Nephrology, G. Brotzu Hosp, Cagliari, Italy.

MP071
THE FABRAZYME®, ANGIOTENSIN RECEPTOR BLOCKER AND ACE INHIBITOR TREATMENT STUDY FOR FABRY NEPHROPATHY (FOR THE FAACET INVESTIGATORS)
David G Warnock,1 Antonio Guasch,2 Christie P Thomas,3 Christoph Wanner,4 Ruth C Campbell,5 Bojan Vujkovac.6
1Medicine, Univ Alabama Birmingham, Birmingham, AL, USA; 2Medicine, Emory Univ, Atlanta, GA, USA; 3Medicine, Univ Iowa, Iowa City, IA, USA; 4Medicine, Univ Würzburg, Würzburg, Germany; 5Medicine, Medical Univ South Carolina, Charleston, SC, USA; 6Fabry Center, General Hosp Slovenj, Gradec, Slovenia.

MP072
PREVALENCE OF FABRY DISEASE AMONG HEMODIALYSIS PATIENTS IN TURKEY
İlyas Okur,1 Gürsel Biberoglu,2 Fatih Süheyl Ezgü,2 Leyla Tümér,2 Alev Hasanoglu,2 Zerrin Bicik,3 Yasemin Akın,3 Metin Mumcuoglu,4 Tevfik Ecer.5
1Pediatries, Ankara Education and Research Hosp, Ankara, Turkey; 2Pediatries, Gazi Univ Fac Medicine, Ankara, Turkey; 3Kartal Lütfi Kardar Education and Research Hosp, Istanbul, Turkey; 4Türkmed Tuzla Dialysis Center, Istanbul, Turkey; 5Diaverum Renal Services, Istanbul, Turkey.

MP073
CARDIAC VARIANT OF FABRY DISEASE RESPONDING TO DOUBLE DOSE OF AGALSIDASE ALFA
Christos Paliouras,1 Georgios Mattas,1 Nikolaos Papagiannis,2 Georgios Nietskas,1 Foteini Lamprianou,1 Nikolaos Karvouniaris,1 Polichronis Alivanis.1
1Nephrology, 2Cardiology, General Hosp Rhodes, Rhodes, Greece.
HORMONES

MP074
ENDOGENOUS OUABAIN AND BLOOD PRESSURE VARIABILITY EVO-
KED BY LOW SALT INTAKE IN ESSENTIAL HYPERTENSION
Guido M. Gatti,1 Chiara Lanzani,1 Elisabetta Messaggio,1 Nunzia Casamassi-
ma,1 John M. Hamlyn,2 Marco Simonini,1 Paolo Manunta.1
10U Nephrology and Dialysis, Chair Nephrology, San Raffaele Scientific Inst,
Univ Vita Salute San Raffaele, Milan, Italy; 2Physiology Dept, Univ Maryland,
School Medicine, Baltimore, MD, USA.

MP075
ADIPONECTIN IS EXPRESSED AND SECRETED BY TUBULAR EPITHE-
LIAL RENAL CELLS
Anna Perri, Donatella Vizza, Danilo Lo Faro, Paolo Gigliotti, Francesca Leone,
Teresa Papalia, Renzo Bonofiglio.
Dept Nephrology, Annunziata Hosp, Kidney and Transplantation Research
Center, Cosenza, Italy.

MP076
ANTIDIURETIC EFFECTIVENESS OF DESMOPRESSIN ENCAPSULATED
IN NEWLY DESIGNED LIPOSOMAL CARRIERS
Olga Gawrys,1 Katarzyna Gawarecka,2 Ewa Swiezevska,2 Marek Masnyk,3
Marek Chmielewski,3 Elżbieta Kompanowska-Jezierska.1
1Mossakowski Medical Research Centre, 2Inst Biochemistry and Biophysics,
3Inst Organic Chemistry Polish Academy of Sciences, Warsaw, Poland.

MP077
LOW TRIIODOTHYRONINE SYNDROME IN DIALYSIS: DOES THE VA-
SCULAR ACCESS PLAYS ANY ROLE?
Francesca Apponi,1 Valentina Sinibaldi,1 Anna Giuliani,1 Matteo Baldinelli,2
Remo Luciani,3 Franco Giordano,4 Giancarlo Panzieri,4 Giorgio Punzo,1 Pa-
olo Menè,1 Nicola Pirozzi.1
1Dept Clinical and Molecular Medicine, UOC Nephrology and Dialysis,
AO Sant’Andrea, 2Dept Clinical Science, Univ Rome, Sapienza, Rome, Italy;
3UOC Nefrologia, AO G. Rummo, Benevento, Italy; 4Nephrology Dept, Casa
di Cura Nuova ITOR, Rome, Italy.

MP078
HEMODIALYSIS-INDUCED CHANGES IN THYROID HORMONE CON-
CENTRATIONS
Sylvie Dusilova Sulkova,1 Jiri Horacek,2 Roman Safranek,1 Marta Kalouso-
va,4 Eva Malirova,3 Blanka Dlabalova,3 Michaela Kubisova,1 Pavel Zak.2
1Hemodialysis center, 2IV. Dept Internal Medicine, 3Dept Nuclear Medicine,
Medical Fac and Univ Hosp, Hradec Kralove, Czech Rep; 4Inst Clinical Bio-
chemistry, Charles Univ, Prague, Czech Rep.

MP079
PROLACTIN EFFECT ON WATER-SOLUTE BALANCE IN THE RAT MO-
DEL OF CHOLESTASIS OF PREGNANCY IS RENAL AQUAPORIN INDE-
PENDENT
Natalia Sirotina, Yuri Fidchenko, Olga Smirnova.
Lab Endocrinology, Biological Dept, Lomonosov Moscow State Univ, Mos-
cow, Russian Federation.

MP080
EFFECTS OF A RESISTANCE EXERCISE TRAINING PROGRAM ON ACYL-
GHRELIN AND OBESTATIN LEVELS IN HEMODIALYSIS PATIENTS
Cristiane Ferreira Moraes,2 Sandra Mara Marinho,1 Milena Barcza Stockler-
Pinto,3 Amanda Faria Barros,2 Denise Mafra.1,2
1Grad Program Medical Sciences, 2Grad Program Cardiovasculare Sciences,
Federal Univ Fluminense, Niteroi, Rio de Janeiro, Brazil; 3Inst Biophysics Car-
los Chagas Filho, Federal Univ Rio de Janeiro, Rio de Janeiro, Brazil.
MP081
SERUM DEHYDROEPIANDROSTERONE SULFATE IS ASSOCIATED WITH SKELETAL MUSCLE MASS, ARTERIAL STIFFNESS, AND DEPRESSIVE MOOD IN JAPANESE MALE HEMODIALYSIS PATIENTS.
Makoto Inoue,2 Takako Saito,1 Koushi Ueno,2 Akio Yoshimura,2 Hisashi Yamamoto,1 Osamu Saito,1 Eiji Kusano.1
1Nephrology, Jichi Medical Univ, Shimotsuke, Tochigi, Japan; 2Dialysis unit, Kawashima Medical Clinic, Chikusei, Ibaraki, Japan.

MP082
EXERCISE TRAINING DOES NOT AFFECT THE PLASMA IRISIN CONCENTRATION IN HEMODIALYSIS PATIENTS
Cristiane Ferreira Moraes,1 Viviane Oliveira Leal,3 Sandra Mara Marinho,2 Sergio Girão Barroso,3 Gabrielle S Rocha,3 Gilson Teles Boaventura,2 Denise Mafra.1,2
1Grad Program Cardiovascular Sciences, 2Grad Program Medical Sciences, 3Clinical Nutrition, Federal Univ Fluminense, Niteroi, Rio de Janeiro, Brazil.

MP083
ENDOGENOUS ANABOLIC HORMONES AND HIGH LOAD STRENGTH TRAINING IN MALE PATIENTS UNDERGOING DIALYSIS.
Stig Molsted,1 Jesper L Andersen,2 Inge Eidemak,3 Adrian P Harrison,4 Niels Jørgensen.5
1Dept Cardiology, Nephrology & Endocrinology, Hillerød Univ Hosp, Hillerød, Denmark; 2Inst Sports Medicine Copenhagen, Bispebjerg Univ Hosp, Copenhagen, Denmark; 3Dept Nephrology P, Copenhagen Univ Hosp, RigsHospital, Copenhagen, Denmark; 4Dept Basic Animal and Veterinary Sciences, Fac Health and medical Sciences, Copenhagen Univ, Copenhagen, Denmark; 5Univ Dept Growth and Reproduction, Copenhagen Univ Hosp, RigsHospital, Copenhagen, Denmark.
MP084
GONADECTOMY PREVENTS THE INCREASE IN BLOOD PRESSURE AND SERUM ACE ACTIVITY IN ACE2 KNOCKOUT DIABETIC MALE MICE
Sergi Clotet, María José Soler, Marta Rebull, Julio Pascual, Marta Riera.
Dept Nephrology, Hosp Mar - IMIM, Barcelona, Barcelona, Spain.

MP085
MYOCARDIAL AND RENAL REMODELING IN MALE WISTAR RATS RECEIVING HIGH SALT DIET
Anatoly G Kucher,1 Marina M Parastaeva,1 Olga N Beresneva,1 Galina T Ivanova,2 Mikhail I Zaraysky,1 Antonina V Artemeva,1 Ivan G Kaukov,1 Alexey V Smirnov.1
1Inst nephrology, St.-Petersburg State Pavlov Medical Univ, St.-Petersburg, Russian Federation; 2Lab Clinical and Experimental Cardiology, Pavlov Inst Physiology, St.-Petersburg, Russian Federation.

MP086
EFFECTS OF CHYMOSTATIN, A CHYMASE INHIBITOR, ON BLOOD PRESSURE AND KIDNEY HAEMODYNAMICS IN DIFFERENT MODELS OF HYPERTENSION IN THE RAT
Dept Renal and Body Fluid Physiology, Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland.

MP087
EFFECTS OF SPECIFIC INHIBITION OF CHYMASE ON RENAL EXCRETION IN DIFFERENT RAT MODELS OF HYPERTENSION
Dept Renal and Body Fluid Physiology, Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland.

MP088
EFFECTS OF ADENOSINE DIPHOSPHATE, A PURINORECEPTOR AGONIST, ON BLOOD PRESSURE AND RENAL FUNCTION IN THE RAT
Malwina M. Roszkowska-Chojecka, Leszek Dobrowolski.
Dept Renal and Body Fluid Physiology, Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland.

MP089
BIPHALIN, A NON-ADDICTIVE SYNTHETIC OPIOID, IS HYPOTENSIVE AND IMPROVES RENAL PERFUSION IN ANAESTHETISED SPONTA NEOUSLY HYPERTENSIVE RAT
Bożena Bądżyńska,2 Krzysztof H Olszyński,2 Andrzej W Lipkowski,3 Janusz Sadowski.2
2Dept Renal & Body Fluid Physiology, 3Dept Neuropeptides, M. Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland.

MP090
DELETION OF HYPERTENSION CANDIDATE GENE ATP2B1 IN VASCULAR SMOOTH MUSCLE CELLS PRODUCES INCREASED VASCULAR CONTRACTILE RESPONSE AND BLOOD PRESSURE ELEVATION WITH SALT SENSITIVITY IN MICE
Yusuke Kobayashi,1 Nobuhito Hirawa,2 Yuki Okuyama,1 Megumi Fujita,1 Akira Fujiwara,1 Sanae Saka,2 Keijsuke Yatsu,1 Yoshiyuki Toya,1 Gen Yasuda,2 Satoshi Umemura.1
1Nephrology and hypertension, Yokohama city Univ Hosp, Yokohama, Kanagawa, Japan; 2Nephrology and hypertension, Yokohama city Univ medical center, Yokohama, Kanagawa, Japan.
POSTERS

MP091

MESENCHYMAL STEM CELLS ATTENUATE RENAL INFLAMMATION, MICROVASCULAR RAREFACTION AND FIBROSIS IN A MODEL OF RE-NOVASCULAR HYPTERTENSION.

Elizabeth B Oliveira-Sales,1 Edgar Maquigussa,1 Patricia Semedo,1 Luciana G Pereira,1 Niels Os Camara,1 Cassia T Bergamaschi,2 Ruy R Campos,2 Mirian A Boim.1

1Medicine - Renal Div, 2Physiology, Federal Univ São Paulo, São Paulo, São Paulo, Brazil.

MP092

CALCIMIMETIC R-568 AND ITS ENANTIOMER INDUCE A RAPID, REVERSIBLE, AND ONLY PARTIALLY ENDOTHELUM-MEDIATED VASODILATION IN PERFUSED MESENTERIC ARTERIES FROM NORMOTENSIVE AND SPONTANEOUSLY HYPERTENSIVE RATS

Maria Assunta Potenza,1 Vittorio Siorilli,2 Francesco Addabbo,1 Natalia Di Pietro,3,4 Luigi Amoroso,2 Caterina Pipino,3,4 Assunta Pandolfi,3,4 Monica Montagnani,1 Mario Bonomini.2

1Dept Biomedical Sciences and Human Oncology, Univ Bari, Bari, Italy; 2Dept Medicine, Clin Nephrology, 3Dept Biomedical Sciences, G. d’Annunzio Univ, Chieti, Italy; 4Centre Study on Aging (CE.S.I.), G. d’Annunzio Foundation, Chieti, Italy.

MP093

PARICALCITOL IMPROVES RENAL INFLAMMATION AND HYPERTENSION RESULTING FROM A HIGH SALT DIET ADMINISTERED FOLLOWING INHIBITION OF NITRIC OXIDE SYNTHASE

Yasmir J. Quiroz,1 Maria Rivero,2 Keila Yaguas,1 Lisandro Moran,1 Bernardo Rodríguez-Iturbe.1

1Centro investigaciones Biomédicas, Inst Venezolano Investigaciones Científicas-Zulia, Maracaibo, Venezuela; 2Serv Nefrología, Hosp Univ Maracaibo, Maracaibo, Venezuela.

MP094

ALTERATIONS OF RENAL SODIUM TRANSPORTERS IN THE ERYTHROPOIETIN-TREATED CHRONIC RENAL FAILURE RAT

Jeonghwan Lee,1 Nam Ju Heo,2 Sejoong Kim,3 Woon Woak Joo,1 Jin Suk Han.1

1Internal Medicine, Seoul National Univ Hosp, Seoul, Korea; 2Internal Medicine, Healthcare System Ganganm Center, Seoul National Univ Hosp, Seoul, Korea; 3Internal Medicine, Seoul National Univ Bundang Hosp, Seongnam, Korea.

MP095

EFFECT OF LISINOPRIL AND A COMBINATION OF LISINOPRIL WITH THE DIURETIC HYDROCHLOROTHIAZIDE ON KIDNEY FUNCTION AFTER UNILATERAL NEPHRECTOMY IN DAHL SALT S RATS WITH ESTABLISHED HYPERTENSION


MP096

THE DISTURBED CIRCADIAN RHYTHM AND SALT SENSITIVITY OF BLOOD PRESSURE IN ADRIAMYCIN NEPHROPATHY RATS

Yan Qin, Lijun Mou, Xuemei Li, Xuewang Li.

Kidney, Peking Union Medical College Hosp, Beijing, China.

MP097

ENDOTHELIN-CONVERTING ENZYME INHIBITOR DECREASES FREE WATER CLEARANCE AND ACCELERATES RENOVASCULAR HYPTERTENSION IN ADULT BUT NOT GONADECTOMISED MALE RATS

M. E. Ilatovskaya,1 A. A. Andreev-Andrievsky,1 V. F. Pozdnev,2 A. V. Iliyn,3 N. A. Medvedeva.1

1Fac Biology, Lomonosov Moscow State Univ, Moscow, Russian Federation; 2Inst Biomedical Chemistry of the Russian Academy of Medical Science, Moscow, Russian Federation; 3Endocrinology Research Center, Moscow, Russian Federation.
MP098
KIDNEYS PLAY A SIGNIFICANT ROLE IN RENALASE TURNOVER, ANOTHER OR NOVEL UREMIC TOXIN???
Jolanta Malyszko, Ewa Koc-Zorawska, Edyta Zbroch, Jacek S Malyszko, Marcin Zorawski, Michał Mysliwiec. Nephrology, Medical Univ, Białystok, Poland.

MP099
ENHANCED AT1 RECEPTOR-ASSOCIATED PROTEIN IN RENAL TUBULE SUPPRESSES ANGIOTENSIN-MEDIATED HYPERTENSION
Hiromichi Wakui, Kouichi Tamura, Shin-Ichiro Masuda, Yuko Tsurumi-Ikeya, Megumi Fujita, Tomohiko Kanaoka, Tetsuya Fujikawa, Shot Suzuki, Yusuke Kobayashi, Machiko Yabana, Yoshiyuki Toya, Satoshi Umemura. Dept Medical Science and Cardiorenal Medicine, Yokohama City Univ, Yokohama, Kanagawa, Japan.

MP100
A NEW INDICATOR CALCULATED FROM ABPM ELUCIDATES THE RELATION BETWEEN ANTIHYPERTENSIVE PRESCRIBING AND BLOOD PRESSURE LOAD; FROM THE CKD-JAC STUDY
Satoshi Iimuro,1 Enyu Imai,2 Seiichi Matsuo,3 Tsuyoshi Watanabe,4 Kosaku Nitta,5 Tadao Akizawa,6 Hiroyuki Makino,7 Yasuo Ohashi,1 Akira Hishida.8 1Univ Tokyo, Tokyo, Japan; 2Nakayama Medical Clinic, Hyogo, Japan; 3Nagoya Univ, Aichi, Japan; 4Fukushima Medical Univ, Fukushima, Japan; 5Tokyo Women’s Medical Univ, Tokyo, Japan; 6Showa Univ, Tokyo, Japan; 7Okayama Univ, Okayama, Japan; 8Yaizu City Hosp, Shizuoka, Japan.
AKI - HUMAN STUDIES

MP101
OPTIMAL TREATMENT IN CRITICALLY ILL PATIENTS WITH ACUTE KIDNEY INJURY: COMPARISON OF INTERMITTENT HEMOFILTRATION AND HEMODIALYSIS IN A RANDOMIZED CONTROLLED TRIAL
Sim Kutlay, Ilhan Kurultak, Gokhan Nergizoglu, Selhusvar Erturk, Oktay Karatan.
Nephrology Dept, Ankara Univ School Medicine, Ulus, Ankara, Turkey.

MP102
SHOULD WE NEED FLUID OVERLOAD IN THE CRITICALLY ILL PATIENTS?
Pedro Azevedo,3 Cristina Teixeira Pinto,2 Carla Maravilha Pereira,4 Anibal Marinho.1
1Intensive Care Dept, Centro Hosp Porto, Oporto, Portugal; 2Internal Medicine Dept, Hosp Faro EPE, Faro, Portugal; 3Nephrology and Transplantation Dept, Centro Hosp Porto, Oporto, Portugal; 4Inst Ciências Biomédicas Abel Salazar, Oporto, Portugal.

MP103
PREDICTORS ASSOCIATED WITH SHORT AND MEDIAN-TERM OUTCOME OF PATIENTS ADMITTED TO ICU WITH SEPSIS
Jill Vanmassenhove,1 Eric Hoste,2 Griet Glorieux,1 Annemieke Dhondt,1 Raymond Vanholder,1 Wim Van Biesen.1
1Renal Div, 2Intensive Care Unit, Ghent Univ Hosp, Ghent, Belgium.

MP104
EARLY AND LATE ACUTE KIDNEY INJURY IN CRITICAL ILL PATIENTS
Sergey Rei, Irina Aleksandrova, Vladimir Kiselev, Maxim Ilynskiy, Gennady Berdnikov, Ludmila Marchenkova.
Hosp Research Inst Emergency Medicine named after N.V. Sklifosovsky, Moscow, Russian Federation.

MP105
MEDIAN TERM OUTCOME OF RENAL FUNCTION IN PATIENTS ADMITTED TO ICU WITH SEPSIS
Jill Vanmassenhove,1 Eric Hoste,2 Griet Glorieux,1 Annemieke Dhondt,1 Raymond Vanholder,1 Wim Van Biesen.1
1Renal Div, 2Intensive Care Unit, Ghent Univ Hosp, Ghent, Belgium.

MP106
ACUTE KIDNEY INJURY IN CRITICALLY ILL PATIENTS WITH TROPICAL DISEASES
Elizabeth F. Daher,1 Ana Patricia F. Vieira,1 Juliana B. Souza,1 Felipe S. Falcao,1 Cristiane R. Costa,1 Anna Allicy C.S. Fernandes,1 Rosa M.S. Mota,1 Rafael S.A. Lima,1 Geraldo B. Silva Junior.2
1Dept Internal Medicine, Federal Univ Ceara, Fortaleza, Ceara, Brazil; 2School Medicine, Univ Fortaleza, Fortaleza, Ceara, Brazil.

MP107
PREDICTORS AND OUTCOME OF ACUTE KIDNEY INJURY IN CRITICALLY ILL PATIENTS
Gülay Ulusal Okyay,1 Yasemin Erten,1 Ramazan Erdem Er,2 Melda Aybar,2 Sahil Inal,1 Merve Yasemin Tekbudak,3 Gülbin Aygencel,2 Kürşat Öneç,1 Musa Bali,1 Şükru Sindel.1
1Nephrology Dept, 2Internal Medicine Dept, Gazi Univ Fac Medicine, Ankara, Turkey; 3Statistics Dept, Gazi Univ, Ankara, Turkey.

MP108
A FEASIBLE FORMULA TO ESTIMATE GLOMERULAR FILTRATION RATE DURING ACUTE KIDNEY INJURY IN CRITICALLY ILL PATIENTS
Karina Soto,1 Pedro Fidalgo,1 Ana Luisa Papoila.2
1Nephrology, Hosp Fernando Fonseca, Lisbon, Lisbon, Portugal; 2Biostatistic, Fac Medical Sciences, Univ Lisboa, Lisbon, Portugal.
MP109
ASSESSMENT OF DIFFERENT CUT-OFF LEVELS OF SERUM CREATININE INCREASE TO PREDICT MORTALITY IN SEPTIC PATIENTS
Jill Vanmassenhove, Eric Hoste, Greet Glioreux, Annemieke Dhondt, Raymond Vanholder, Wim Van Biesen.
1Renal Div, 2Intensive Care Unit, Ghent Univ Hosp, Ghent, Belgium.

MP110
ACIDOSIS AND MORTALITY IN INTENSIVE CARE UNIT (ICU) PATIENTS ON CONTINUOUS RENAL REPLACEMENT THERAPIES (CRRT): CLASSICAL VS. STEWART’S APPROACH.
Polo Lentini, L Zanoli, A. Granata, A. Contestabile, Anna Basso, G Berlingo, M De Cal, V Pellant, Roberto Dell’aquila.
1Nephrology, S. Bassiano Hosp, Bassano Del Grappa (Vi), Italy; 2Univ Catania, Catania, Italy; 3S. Giovanni Di Dio Hosp, Agrigento, Italy; 4Nephrology, S. Bortolo, Vicenza, Italy.

MP111
ASSOCIATION OF IMPAIRED KIDNEY FUNCTION AT ICU DISCHARGE WITH LONG-TERM RENAL AND OVERALL SURVIVAL
Gis Fortrie, Susanne Stads, Jasper Van Bommel, Robert Zietse, Michiel G Beijes.
1Nephrology, 2Intensive Care, Erasmus Medical Center, Rotterdam, Netherlands.

MP112
VALUE OF PLASMATIC NGAL LEVELS IN ASSESSING SEVERITY IN ACUTE KIDNEY INJURY PATIENTS OF DIFFERENT ETIOLOGIES
Ali Berrada, Carlos Arias, Marta Riera, María A Orfila, Eva Rodriguez, Clara Barrios.
Nephrology, Hosp Mar-IMIM, Barcelona, Spain.

MP113
URINARY NGAL (NEUTROPHIL GELATINASE ASSOCIATED LIPOCALIN) EXCRETION AT BIRTH IS PREDICTIVE OF SUSCEPTIBILITY TO ACUTE KIDNEY INJURY (AKI) IN VERY LOW BIRTH WEIGHT INFANTS
Licia Peruzzi, Federica Chialle, Roberta Camilla, Claudio Martano, Francesco Cresi, Enrico Bertino, Rosanna Coppo.
1Nephrology Dialysis Transplantation, Regina Margherita Children’s Hosp, Turin, Italy; 2Neonatologist, Univ Turin, Turin, Italy.

MP116
URINE NGAL PREDICTS POOR SHORT-TIME OUTCOMES IN PATIENTS WITH ACUTE KIDNEY INJURY AND DECOMPENSATED HEART FAILURE
Anna Klimenko, Svetlana Villevalde, Marina Efremovtseva, Zhanna Kobalava.
Peoples’ Friendship Univ Russia, Moscow, Russian Federation.

MP117
URINE NEUTROPHIL GELATINASE ASSOCIATED LIPOCALIN AND SERUM CYSTATIN C KINETICS ON CONTINUOUS VENOVENOUS HEMODIAFILTRATION
Chrysoula Pipili, Sophia Ioannidou, Stelios Kokkoris, Stefania Poukaki, Elli Sophia Tripodaki, Maria Parisi, Adroula Papastylianou, Nerafeiminas.
1First Critical Care Dept National and Kapodistrian Univ Athens, Athens, Greece; 2Dept Biochemistry, Evangelismos Hosp, Athens, Greece.

MP118
DEVELOPMENT AND VALIDATION OF A PROGNOSTIC RISK SCORE FOR ACUTE RENAL INJURY IN PATIENTS HOSPIZED FOR ACUTE DECOMPENSATED HEART FAILURE
Yin-Na Wang, Hong Cheng, Yi-Pu Chen.
Div Nephrology, Beijing Anzhen Hosp, Capital Medical Univ, Beijing, China.

MP119
CLINICAL ANALYSIS OF PROGNOSIS OF ACUTE KIDNEY INJURY IN 363 PATIENTS WITH CHRONIC KIDNEY DISEASE
Zhang Wen, Xin Li, Bingyan Shen, Yiming Suo, Xiaobo Ma, Yongxi Chen, Hong Ren, Xiaonong Chen, Nan Chen.
Dept Nephrology, Rui Jin Hosp, School Medicine, Shanghai Jiao Tong Univ, Shanghai, China.
POSTERS

MP120
RISK FACTORS AND PREDICTIVE SCORE OF ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION
Tong Yue, Hong Cheng, Yi-Pu Chen.
Div Nephrology, Beijing Anzhen Hosp, Capital Medical Univ, Beijing, China.

MP121
THE EFFECTIVENESS OF AN E-ALERT WARNING IN THE MANAGEMENT OF PATIENTS WITH ACUTE KIDNEY INJURY
Salwa Elmamoun,1 Harsha Wodeyar,1 Christopher Goldsmith,1 Abraham Abraham,1 Andrew Wootton,2
1Nephrology, 2Biochemistry, Aintree Univ Hosp, Liverpool, UK.

MP122
MODEL OF A ROBUST ELECTRONIC ‘ACUTE KIDNEY INJURY ALERT SYSTEM’ TO IDENTIFY THE ONSET AND PROGRESSION OF ACUTE KIDNEY INJURY IN HOSPITAL PATIENTS
Shahed Ahmed,1 Charlotte Hill,2 Sarah Curtis,2 Adrian Miller,2 Trevor Hine,2
1Dept Nephrology, 2Clinical Chemistry, Royal Liverpool Univ Hosp, Liverpool, UK.

MP123
SUSTAINED PHOSPHATE LOADING IMPAIRS ENDOTHELIAL FUNCTION: A SINGLE BLIND CROSS OVER TRIAL
ICAMS, Univ Glasgow, Glasgow, UK.

MP124
MOLECULAR MODEL OF ACUTE KIDNEY INJURY FROM INTEGRATING ‘OMIC’ DATA AND LITERATURE MINING
Julia Willfangseder,1,2 Andreas Heinzel,3 Paul Mayer,3 Paul Perco,3 Alexander Kainz,1,2 Bernd Mayer,3 Rainer Oberbauer,1,2
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MP125
LONG-TERM OUTCOME AFTER RECOVERY FROM DIALYSIS-REQUIRING ACUTE KIDNEY INJURY: A NATIONWIDE POPULATION-BASED STUDY
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MP126
THE CLINICAL CHARACTERISTICS OF ACUTE RENAL INFARCTION: EFFECTS ON RENAL FUNCTION
Dept Internal Medicine, Gyeongsang National Univ Hosp, Jinju, Korea.

MP127
STROKE VOLUME VARIATION (SVV) AND OXIGENATION INDEX (OI) ARE RISK FACTORS FOR ACUTE KIDNEY INJURY (AKI) IN ABDOMINAL AORTIC ANEURYSM (AAA) SURGERY
Paolo Lentini,1 Luca Zanoli,2 Antonio Granata,3 Andrea Contestabile,1 Grazziella Berlingo,1 Anna Basso,1 Valentina Pellanda,1 Massimo De Cal,4 Rudi Stramana,5 Diego Cognolato,5 Marco Baiocchi,6 Roberto Dell’aquila,1
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MP128
TUBULAR FUNCTION OF SURVIVORS OF SEVERE ACUTE KIDNEY INJURY SUBMITTED TO DIALYSIS
Bianca M Chiella,1,2 Carmen Pilla,2 Antonio Balbinotto,1,2 Verônica H Antunes,2 Alessandra Heglert,2 Fernanda M Collares,1 Fernandez S Thomé.1,2
MP130
ACUTE KIDNEY INJURY AFTER CARDIAC SURGERY ACCORDING TO RIFLE | ADULTS VS PEDIATRICS
Albana Gjyzari, Nestor Thereska, Ornela Xhango.
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MP131
ACUTE KIDNEY INJURY INFLUENCES MORTALITY IN LUNG TRANSPLANTATION
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MP132
RESISTIVE INDEX ON RENAL DUPLEX ULTRASONOGRAPHY AS A PREDICTOR OF ACUTE KIDNEY INJURY CAUSED BY ACE INHIBITOR OR ARB IN CKD PATIENTS
Won Suk An, Eun Suk Kim, Young Ki Son, Seong Eun Kim, Ki Hyun Kim.
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MP133
IMPACT OF BODY MASS INDEX ON OUTCOMES AFTER ACUTE KIDNEY INJURY IN POST-OPERATIVE GERIATRIC PATIENTS
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MP134
THE IMPACT OF ACUTE KIDNEY INJURY ON MORTALITY AND RENAL FUNCTION IN PATIENTS WITHOUT PRE-EXISTING DISEASE
Gis Fortrie, Susanne Stads, Albert-Jan L Aarnoudse, Robert Zietse, Michel G Betjes.
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MP135
POVIDONE-IODINE A POSSIBLE CAUSE OF CONTRAST INDUCED AKI? – OUR CENTER ANNUAL REPORT
Ileana Peride, Daniela Radulescu, Andrei Niculae, Alexandru Cioclateu, Alexandru-Ionel Checherita.
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MP136
LONG TERM RISK OF DEMENTIA FOLLOWING ACUTE KIDNEY INJURY: A POPULATION-BASED STUDY
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MP137
ACUTE KIDNEY INJURY AFTER ORTHOTOPIC LIVER TRANSPLANTATION: INCIDENCE AND HOSPITAL MORTALITY.
Fabiano Klaus, João Carlos Goldani, Guido Cantisani, Maria Lúcia Zanotelli, Leonardo Carvalho, Denise Klaus, Valter Duro Garcia, Elisete Keitel.
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MP138
STUDY OF CLINICAL PROFILE, PRECIPITATING FACTORS AND IN HOSPITAL MORTALITY OF ACUTE KIDNEY INJURY IN CIRRHOSIS OF LIVER
Shaista M Hussaini Mohammadi Hussaini,1 Padaki Nagaraja Rao,2 Amol Kul.2
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MP139
PERIOPERATIVE RISK FACTORS AND CLINICAL PREDICTIVE SCORE FOR ACUTE KIDNEY INJURY ASSOCIATED WITH CARDIAC SURGERY
Nan Ye, Yan Zhang, Hong Cheng, Yi-Pu Chen.
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MP140
IMPROVING KNOWLEDGE AND CONFIDENCE OF GENERAL PHYSICIANS AND TRAINEES ON THE SUBJECT OF ACUTE KIDNEY INJURY THROUGH NOVEL EDUCATION TOOLS; RESULTS FROM 2 UK TEACHING HOSPITALS.
Richard Baines,1 Rachel Westacott,1 James Trew,1 Joanne Kirtley,1 Nick Selby,2 Sue Carr,1 Gang Xu.1
1John Walls Renal Unit, Univ Hosp Leicester, Leicester, UK; 2Renal medicine, Royal Derby Hosp, Derby, UK.

MP141
EFFECTS OF CONTRAST MEDIA ON DIFFERENT URINARY BIOMARKERS OF KIDNEY INJURY
Jürgen Steffgen,1 Sabine Laschke,2 Niko Brun-Schulte-Wissing,2 Philipp Pagel,3 Fritz Huber,3 James Mapes,4 Astrid Jaehniger,1 Sabine Pestel.1
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MP142
RENAI SAFETY EVALUATION AFTER DOTAREM®-ENHANCED-MRI COMPARED WITH NON-ENHANCED-MRI IN PATIENTS AT HIGH RISK OF DEVELOPING CONTRAST MEDIUM INDUCED NEPHROPATHY
Gilbert Deray,1 Olivier Rouviere,2 Lorenzo Bacigalupo,3 Bart Maes,4 Thierry Hannedouche,5 François Vrtovsnik,6 Claire Rigothe,7 Jean-Marie Billiour,8 Paolo Campioni,9 Luis Marti-Bonmati.10
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MP143
DEVELOPMENT OF A RISK SCORE FOR PREDICTION OF CONTRAST INDUCED NEPHROPATHY AFTER CORONARY ANGIOGRAPHY AND INTERVENTION IN CHINA
Yu-Mei Gao, Di Li, Hong Cheng, Yi-Pu Chen.
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MP144
RAPID REVERSAL OF HOSP ACQUIRED ACUTE KIDNEY INJURY AND LONG-TERM OUTCOME: A PROSPECTIVE COHORT STUDY
Sungae Woo, Jiyeon Lee, Hyunjin Noh, Soon Hyo Kwon, Dong Cheol Han.
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MP145
THE USE OF STEROIDS IN ACUTE TUBULO-INTERSTITIAL NEPHRITIS. A MULTICENTRE RETROSPECTIVE STUDY.
Lucy Hetherington,1 Achiyut Valluri,2 Emily Mcquarrie,1 Stewart Fleming,2 Colin Geddes,1 Samira Bell,2 Bruce Mackinnon.1
1Glasgow Renal & Transplant Unit, Western Infirmary Glasgow, Glasgow, Scotland, UK; 2Renal Unit, Ninewells Hosp & Medical School, Dundee, Scotland.

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MP146
PROPHYLACTIC GENTAMICIN AND FLUCLOXACILLIN IS ASSOCIATED WITH INCREASED RATES OF ACUTE KIDNEY INJURY IN ORTHO-PAEDIATRIC SURGERY
Samira Bell,1 Andrea Patton,3 Jacqueline Sneddon,3 Peter Donnan,2 Thenmalar Vadiveloo,2 Charis Marwick,2 Marion Bennie,4 Peter Davey,2 1Renal Unit, Ninewells Hosp, Dundee, UK; 2Population Health Sciences Div, Univ Dundee, Dundee, UK; 3Scottish Antimicrobial Prescribing Group, Scottish Medicines Consortium, Glasgow, UK; 4National Medicines Utilisation Unit, Information Services Div, Edinburgh, UK.

MP147
REVISITED CLINICAL FEATURES OF CISPLATIN-INDUCED ACUTE KIDNEY INJURY
Hideo Yasuda,1 Naoko Tsuji,1 Takayuki Tsuji,1 Takamasa Iwakura,1 Naro Ohashi,1 Akihiko Kato,2 Yoshihide Fujigaki,1 1Internal Medicine 1, 2Blood Purification Unit, Hamamatsu Univ School Medicine, Hamamatsu, Shizuoka, Japan.

MP148
POST-RENAL ACUTE KIDNEY INJURY AS A CAUSE OF CHRONIC KIDNEY DISEASE; A SINGLE CENTER OBSERVATIONAL COHORT STUDY

MP149
PREGNANCY RELATED ACUTE KIDNEY INJURY-SINGLE CENTER EXPERIENCE FROM INDIA
Umesh Lingaraju, Sunil Rajanna, Hemachandar Radhakrishnan, Aashish Parekh, Sreedhar Cg, Ravi Sarvi. Dept Nephrology, Inst Nephrourology, Bangalore, India.

MP150
MULTIPLE MYELOMA WITH ACUTE KIDNEY INJURY IS THE EXPRESSION OF A MORE AGGRESSIVE DISEASE. A 10 YEAR SINGLE RENAL CENTER EXPERIENCE
Francesco Rainone,1 Lino Merlino,1 James P Ritchie,2 Philip A Kalra,2 1Nephrology and Dialysis Unit, San Raffaele Scientific Inst, Milan, Italy; 2Vascular Research Dept, Salford Royal NHS Foundation Trust, Manchester, UK.

MP151
COMPARATIVE ANALYSIS OF PEDIATRIC AND ADULT PATIENTS WITH LEPTOSPIROSIS AND ACUTE KIDNEY INJURY
Elizabeth F. Daher,1 Ana Patricia F. Vieira,1 Camilla N. Jacinto,1 Krasnalhia Livia S. Abreu,1 Geraldo B. Silva Junior,2 1Dept Internal Medicine, Federal Univ Ceara, Fortaleza, Ceara, Brazil; 2School Medicine, Univ Fortaleza, Fortaleza, Ceara, Brazil.

MP152
CORRELATION BETWEEN ESTIMATED GLOMERULAR FILTRATION RATE AND MEASURED RENAL CREATININE CLEARANCE IN CRITICALLY ILL PATIENTS WITH NORMAL SERUM CREATININE

MP153
INCIDENCE AND MORTALITY OF ACUTE KIDNEY INJURY REQUIRING RENAL REPLACEMENT THERAPY NOT IN INTENSIVE CARE UNIT
MP154  
INCIDENCE AND CLINICAL COURSE OF ACUTE KIDNEY INJURY IN ADULT PATIENTS WITH SEVERE TRAUMA  
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1Internal Medicine, Uijeongbu St. Mary’s Hosp, 2Internal Medicine, Seoul St. Mary’s Hosp, Catholic Univ Korea, Seoul, Korea.

MP155  
THE IMPACT OF ACUTE KIDNEY INJURY WITH TEMPORARY DIALYSIS ON BONE FRACTURE - A NATIONWIDE POPULATION STUDY  
Meng-Chun Lin,1 Vin-Cent Wu,1 Wen-Je Ko,1 Kwan-Dun Wu,1 Wei-Jie Wang.2  
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MP156  
LONG-TERM RISK OF MORTALITY FOR ACUTE KIDNEY INJURY IN HIV-INFECTED PATIENTS: A COHORT ANALYSIS  
Maria J Melo,1 José A Lopes,1 Mário Raimundo,1 André Fragoso,2 Francisco Antunes.3  
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MP157  
PREVENTION OF CONTRAST-INDUCED ACUTE KIDNEY INJURY BY ORAL OR INTRAVENOUS HYDRATION: MARKERS OF RENAL DAMAGE: NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) AND INTERLEUKIN-8 (IL-8).  
Paloma L Martin-Moreno,1 Nerea Varo,2 Patricia Restituto,2 Carmen Sayón-Orea,3 Nuria Garcia-Fernandez.1  
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MP158  
ACUTE KIDNEY INJURY DUE TO ANABOLIC STEROIDS AND VITAMIN SUPPLEMENT ABUSE – SERIES OF 10 CASES IN FORTALEZA, CEARA, BRAZIL  
Newton Carlos V. Leite Filho,1 Louize Emanuele O. Souza,1 Raissa M. Cavalcante,1 Geraldo B. Silva Junior,2 Bruna M. Moreira,1 Tacyano T. Leite,1 Sonia L. Silva,2 Marcus Kubrusly,1 Elizabeth F. Daher.1  
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MP159  
EARLY INITIATION OF CONTINUOUS RENAL REPLACEMENT THERAPY MAY IMPROVE PATIENT SURVIVAL IN ACUTE KIDNEY INJURY  
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MP160  
INSULTED AT THE FRONT DOOR? DOES IDENTIFICATION OF AKI IMPACT CLINICAL CARE?  
Andrew Bentall, Fouad Al-Baaj, Samantha Williamson, Sophie Cheshire.  
Sandwell and West Birmingham Hosp, Birmingham, UK.

MP161  
KIDNEY FUNCTION IN VISCERAL OBESITY IS NOT RELATED TO THE ADIPONECTIN  
Mislaw Jelakovic,1 Vanja Ivkovic,1 Mario Laganovic,2 Sandra Karanovic,2 Ivan Pecin,1 Vedran Premuzic,2 Ivana Vukovic Leja,2 Ana Vrdoljak,2 Mirjana Fucek,3 Ante Cvitkovic,4 Dragana Juric,4 Nada Bozina,3 Milan Bitunjac,5 Ninoslav Leko,5 Mira Abramovic Baric,6 Vesna Matijevic,7 Bojan Jelakovic.2  
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MP162
OUTCOME WITH STAGE THREE ACUTE KIDNEY INJURY IN HOSPIZED PATIENTS IN TERMS OF RECOVERY OF KIDNEY FUNCTION AND SURVIVAL
Asad Ullah, Klairė Exarchou, Thomas Archer, Hamed Anijeet, Rebecca Brown, Shahed Ahmed.
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MP163
RISK FACTORS AND CLINICAL PREDICTIVE SCORE FOR ACUTE KIDNEY INJURY AFTER OFF-PUMP CORONARY ARTERY BYPASS SURGERY
Yan Zhang, Nan Ye, Hong Cheng, Yi-Pu Cheng.
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MP164
ASSOCIATION BETWEEN QUALITY OF LIFE AND DEPRESSION IN PATIENTS ON CHRONIC HEMODIALYSIS
Jane Cleide Galindo Rocha,1 Tissiane Gushiken Da Silva,1 Paulo Francisco De Castro,2 Paula Silva Kioroglo,3 João Paulo Lian Branco Martins,1 Carmen Tzanno-Martins.1
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MP165
IMPACT OF LIVER RESECTION ON PORTAL VENOUS PRESSURE AND RENAL FUNCTION
Peter Biesenbach,7 Florian Lu,8 Edith Fleischmann,8 Thomas Grünberger,9 Wilfred Druml.7
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MP166
ISCHEMIA MODIFIED ALBUMIN AND ACUTE KIDNEY INJURY IN PUMP-ON CARDIAC SURGERY
Abduzhappar Gaipov,1,2 Kultigin Turkmen,1 Aysun Toker,1 Yalcin Solak,1 Humeyra Cicekler,1 Ramazan Úcar,1 Alper Kilicaslan,1 Niyazi Gormus,1 Halil Zeki Toni,1 Mehdi Yeksan,1 Suleyman Turk.1
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MP167
DIETARY INTAKE OF TRACE ELEMENTS, MINERALS AND VITAMINS IN PATIENTS ON CHRONIC HEMODIALYSIS
Tania Monteburini,2 Stefano Cenerelli,3 Stefano Santarelli,2 Rolando Boggi,3 Luigi Tazza,1 Maurizio Bossola.1
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MP168
COMPARISON OF CIRCUIT COAGULATION AFTER AND BEFORE APPLICATION OF AN ANTI-CLOTTING FLOW-CHART. A RETROSPECTIVE MONOCENTRIC ANALYSIS
Martina Ferraresi,1 Ilenia Merlo,1 Gloria Giovinazzo,1 Alessandro D Quercia,1 Massimo Gai,1 Gianluca Leonardi,1 Patrizia Anania,1 Cesare Guarena,1 Vincenzo Cantaluppi,1 Alfonso Pacitti,2 Luigi Biancone.1
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MP169
RENAI IMPAIRMENT AND EVOLUTION OF PATIENTS WITH URINARY TRACT OBSTRUCTION
Priscilla Nogueira Gomes Hissa, Elizabeth De Francesco Daher, Alexandre Braga Libório, Barbara Morais Ferreira Thereza, Cláudio César Pinho Mendes, Anderson Roberto Oliveira Sousa.
Serv Nefrologia, Hosp Geral Fortaleza, Fortaleza /Ceará, Brazil.
MP170
THE EFFECT OF VITAMIN K2 SUBSTITUTION ON ATHEROSCLEROSIS AND VASCULAR CALCIFICATION MARKERS IN NON-DIALYZED PATIENTS IN CHRONIC KIDNEY DISEASE STAGE 3-5.
Ilona Kurnatowska,1 Piotr Grzelak,2 Anna Masajtis-Zagajewska,1 Magdalena Kaczmarska,2 Ludomir Stefanczyk,2 Michał Nowicki.1
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MP171
VITAMIN K2 (MENAQUINONE) INTAKE AND ITS SERUM CONCENTRATION IN HAEMODIALYSIS PATIENTS
Katarzyna Wyskińska,1,3 Agnieszka Zakołaja,1 Krzysztof Labuzek,2 Rafał Ficek,3 Kornel Pośpiech,4 Magdalena Olszanecka-Glinianowicz,5 Bogusław Okopiś,2 Andrzej Więcek,3 Jerzy Chudek.1
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MP172
DOES VKORC1 POLYMORPHISM INFLUENCE CORONARY ARTERY CALCIFICATIONS IN CHRONIC KIDNEY DISEASE PATIENTS?
Marion Morena,1,4,6 Jean-Paul Cristol,1,4,6 Isabelle Jaussent,3 Leila Chenine,3 Célia Brugueirôle,1,2 Hélène Leray-Moragues,5 Jean-François Schved,2 Bernard Canaud,4,5,6 Anne-Marie Dupuy,1 Muriel Giansily-Blairot.2
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MP173
THE GERMAN CALCIPHYLAXIS REGISTRY
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MP174
REDUCED PATENCY RATE AFTER REVASCULARIZATION FOR PERIPHERAL ARTERIAL OCCLUSIVE DISEASE IN PATIENTS WITH CHRONIC KIDNEY DISEASE
In Hye Hwang,1 Kyung Nam Lee,1 Il Young Kim,1 Dong Won Lee,1 Soo Bong Lee,1 Min Ji Shin,2 Harin Rhee,2 Byeong Yun Yang,2 Eun Young Seong,2 Ihm Soo Kwak.2
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MP175
VITAMIN D THERAPY AND VASCULAR FUNCTION IN CKD
Nihil Chitalia,1 Tuan Ismail,1 Laura Tooth,1 Frances Boa,1 David Goldsmith,3 Juan C Kaski,2 Debasish Banerjee,1,2

MP176
BASELINE CHARACTERISTICS AND PREVALENCE OF CARDIOVASCULAR DISEASE IN NEWLY VISITING OR REFERRED CHRONIC KIDNEY DISEASE PATIENTS TO NEPHROLOGY CENTERS IN JAPAN
Soichiro Iimori, Yumi Noda, Tomokazu Okado, Shotaro Naito, Tatemitsu Rai, Shinichi Uchida, Sei Sasaki.
Nephrology, Tokyo Medical and Dental Univ, Tokyo, Japan.
MPI77
ATHEROSCLEROTIC PLAQUE CHARACTERIZATION AND HEME OXYGENASE-1 EXPRESSION IN CHRONIC KIDNEY DISEASE: THE ‘VULNERABLE PLAQUE PHENOTYPE’
Kristien Daenen,1 Inge Fourneau,2 Eric Verbeken,3 Marc F Hoylaerts,4 Bert Bammens.1
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MPI78
HEME OXYGENASE-1 (HO-1) [GT]N REPEAT PROMOTOR POLYMORPHISM DISTRIBUTION IN PERIPHERAL ARTERY DISEASE (PAD) PATIENTS: IS THE PROTECTIVE EFFECT OF HO-1 AGAINSTATHEROSCLEROSIS OVERRULED BY UREMIA?
Kristien Daenen,1 Inge Fourneau,2 Ghislain Opdenakker,3 Marc F Hoylaerts,4 Bert Bammens.1
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MPI79
HEREDITY FOR MYOCARDIAL INFARCTION DEMONSTRATES TWO-FOLDED INCREASED RISK FOR SIGNIFICANT RENAL DYSFUNCTION IN MIDDLE-AGE MEN BELONGING TO A COHORT OF 33,125 PATIENTS
Anders Christensson,1 Olle S Melander,2 Erik Fjellstedt,1 Göran Berglund,2 Maria Andersson-Ohlsson.2
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MPI80
SILENT CEREBRAL MICROBLEEDS PREDICT GLOBAL OUTCOME IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Hideaki Shima,1 Tetsuo Shoji,3 Toshhide Naganuma,4 Shinya Nakatani,2 Katsuhiro Mori,2 Eiji Ishimura,2 Masanori Emoto,2 Mikio Okamura,1 Tatsuya Nakatani,4 Masashi Inaba.2
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MPI81
ADIPOSE TISSUE REMODELING: THE LINK BETWEEN FGF23-KLOTHO-VITAMIN D3 AXIS AND RENIN-ANGIOTENSIN-ALDOSTERONE AXIS IN THE DEVELOPMENT AND PROGRESSION OF OBESITY RELATED KIDNEY DISEASE
Mohammad Hany Hafez,3 Mostafa Abdelaziz Mostafa,2 Esam Lofty Harash,4 Amir El Okely,4 Yaser Mohammad Hendi,4 Mohammad Ibrahim Anan,1 Mahmoud El Temraz,1 Malaka Yehya Fouad,5 Wael Fouad Nassar.1
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MPI82
DIABETIC NEPHROPATHY IS AN INDEPENDENT RISK FACTOR FOR SEVERE SILENT ATHEROMATOUS DISEASE
Clara Barrios,1 Sol Otero,1 MariaJose Soler,1 Eva Rodriguez,1 Silvia Collado,1 Anna Faura,1 Sergio Moja,2 Angels Betriu,3 Elvira Fernández,3 Julio Pascual and the Nefrona Study Group.1
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MPI83
THE ASSOCIATION BETWEEN RENAL TUBULAR DAMAGE AND MORTALITY IN GENERAL JAPANESE POPULATION: THE TAKAHATA STUDY.
Kosuke Kudo, Kazuko Suzuki, Kazunobu Ichikawa, Tsuneo Konta, Isao Kubota.
Dept Cardiology, Pulmonology and Nephrology, Yamagata Univ School Medicine, Yamagata, Japan.

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MP184
CELLULAR COMPONENTS OF THE IMMUNE SYSTEM CONTRIBUTE INDEPENDENTLY TO OVERALL MORTALITY IN CHRONIC KIDNEY DISEASE BEYOND THE CLASSIC MARKERS OF SYSTEMIC INFLAMMATION.
Ahad A Abdalla,1,2 Astrid Weiland,1 Liam F Casserly,1 Cornelius J Cronin,1 Ailish Hannigan,2 Hoang T Nguyen,2 Austin G Stack,1,2
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MP185
EVALUATION OF BLOOD PRESSURE CONTROL OF CHRONIC KIDNEY DISEASE PATIENTS PRIOR TO NEPHOLOGIST CARE IN JAPAN
Shotaro Naito,1 Soichiro Iimori,2 Tomokazu Okado,2 Yumi Noda,2 Tatemitsu Raí,2 Shinichi Uchida,2 Sei Sasaki,2
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MP186
PULMONARY HYPERTENSION REFLECTS THE SEVERITY OF MYOCARDIAL DISEASE IN STAGE 2-5 CKD PATIENTS
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MP187
THE INFLUENCE OF TISSUE FACTOR (TF) POLYMORPHISMS ON CORONARY CALCIFICATIONS IN CHRONIC KIDNEY DISEASE PATIENTS
Muriel Giarsily-Blaizot,2 Isabelle Jaussent,3 Jean-Paul Cristol,1,5,6 Leila Chemine,4 Célia Brugueirole,1,2 Hélène Leray-Moragues,4 Jean-François Schved,2 Bernard Canaud,4,5,6 Anne-Mari Dupuy,1 Marion Morena,1,5,6
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MP188
INFLUENCE OF RENAL FUNCTION ON SUBTYPES AND PROGNOSIS OF CEREBRAL INFARCTION
Mai Sugahara,1 Izumi Sugimoto,2 Lisa Uchida,1 Masatomo Chikamori,1 Tomoko Honda,1 Rika Miura,1 Ayako Tsuchiya,1 Takafumi Kanemitsu,1 Masafumi Kobayashi,1 Nagaaki Kotera,1 Kenichi Ishizawa,1 Yasuhisa Sakurai,1 Naohumi Mise,1
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MP189
ARTERIAL STIFFNESS IN NON-DIABETIC CHRONIC KIDNEY DISEASE PATIENTS ASSOCIATES WITH GLYCATED ALBUMIN
Hyeong-Cheon Park,1 Seung Kyoo Park,1 Jung Eun Lee,2 Sung Kyu Ha,1 Hoon Young Choi,1
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MP190
CONTINUOUS ERYTHROPOIETIN RECEPTOR ACTIVATOR (C.E.R.A.) DELAYS PROGRESSION OF KIDNEY DISEASE DUE TO EARLY SUPPRESSION OF GLOMERULOSCLEROSIS IN RATS WITH PROGRESSIVE GLOMERULONEPHRITIS

MP191
CONTINUOUS ERYTHROPOIETIN RECEPTOR ACTIVATOR (C.E.R.A.) TREATMENT PREVENTS GLOMERULOSCLEROSIS AND SUPPRESSES ACTIVATION OF ALTERNATIVELY ACTIVATED MACROPHAGES IN A RAT MODEL OF ACUTE GLOMERULONEPHRITIS

MP192
CONTINUOUS ERYTHROPOIETIN RECEPTOR ACTIVATOR (C.E.R.A.) IMPROVES ENDOTHELIAL FUNCTION VIA REDUCTION OF OXIDATIVE STRESS IN 5/6 NEPHRECTOMIZED RATS

MP193
BENEFICIAL DOSE CONVERSION FROM OTHER ERYTHROPOIESIS-STIMULATING AGENTS TO C.E.R.A IN HAEMODIALYSIS AND NOT IN DIALYSIS PATIENTS WITH ANEMIA SECONDARY TO CHRONIC KIDNEY DISEASE IN CLINICAL PRACTICE: MINERVA STUDY
A. Cases, J. Portoles, J. Cals, A. Martinez-Castelao, M.A. Munar, A. Segarra. 1H. Clinic, Barcelona, Spain; 2H. U. Puerta de Hierro, Madrid, Spain; 3H. Bellvitge, Barcelona, Spain; 4H. Vall d’Hebron, Barcelona, Spain; 5H. Son Dureta, Mallorca, Spain; 6H. Manacor, Mallorca, Spain.

MP194
HEPCIDIN LEVELS SIGNIFICANTLY CORELATES WITH CRP IN PATIENTS ON HEMODIALYSIS AND PERITONEAL DIALYSIS
Elisa Samouilidou, K. V. Pantelias, Dimitrios Petras, Tsoulia Mpakirtzi, Chrysoula Pipili, George Chatzivasileiou, Kiriaki Vassilou, Edmond Denda, Helen Tzanatos. 1Biochemistry, Alexandra General Hosp, Athens, Greece; 2Nephrology, Are tateio Univ Hosp, Athens, Greece; 3Nephrology, Hippokrateio General Hosp, Athens, Greece; 4Nephrology, G. Gennimatas General Hosp, Athens, Greece; 5Protipo Nephrologiko Kentro Athinon, Athens, Greece.

MP195
SUPERIORITY OF DARBEPOETIN-ALPHA TO ERYTHROPOIETIN IN ERYTHROPOETIC ACTIVITY BY HEPCIDIN-25 RESPONSE
Shigeichi Shoji, Masaaki Inaba, Naohisa Tomosugi, Senji Okuno, Mitsuru Ichii, Tomoyuki Yamakawa, Satoshi Kurihara, Dr. Shirasagi Hosp, Osaka, Japan; 2Metabolism, Endocrinology and Molecular Medicine, Osaka City Univ Grad School Medicine, Osaka, Japan; 3Advanced Medicine, Medical Research Inst, Kanazawa Medical Univ, Kanazawa, Japan; 4Saitama-Tsukinomori Clinic, Saitama, Japan.

MP196
HEPCIDIN, ERYTHROPOIETIN, INFLAMMATION, FERRITIN AND IRON STORES IN RENAL ANEMIA
Liliana Barsan, Ana Stanciu, Simona Stancu, Cristina Capusa, Lavinia Bratescu, Gabriel Mircescu. 1Dr. Carol Davila Teaching Hosp Nephrology, Bucharest, Romania; 2Nephrology, Carol Davila Univ Medicine and Pharmacy, Bucharest, Romania; 3International Healthcare Services Pantelimon Dialysis Centre, Bucharest, Romania.
MP197
BONE MARROW IRON, HEPcidin, ERYTHroPOEI Tin, INFLAMmATion AND PERIPHERal IRON INDICES IN RENAL ANEMIA
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MP198
IRON SUCROSE INDUCES EARLY ATHEROGENESIS THROUGH INCREASED SUPEROXIDE PRODUCTION AND UP-REGULATION OF ADHESION MOLECULES IN MICE OF REMNANT KIDNEY
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MP199
SLOWING DOWN THE PROGRESSION OF CHRONIC KIDNEY DISEASE WITH EPOETINS-A META-ANALYSIS
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MP200
IRON METABOLISM IN RESISTANCE TO REHPO DUE TO THE DEVELOPMENT OF ANTI-EPO ANTIBODIES IN A RAT MODEL OF CHRONIC RENAL FAILURE
Patrícia Garrido,1 João Fernandes,2 Sandra Ribeiro,2 Helena Vala,4 Belmiro Parada,5 Rui Alves,5 Luis Belo,2,3 Elísio Costa,2,3 Alice Santos-Silva,2,3 Flávio Reis.1 1Lab Pharmacology & Experimental Therapeutics, IBILI, Fac Medicine, Univ Coimbra, Coimbra, Portugal; 2Dept Biochemistry, Fac Pharmacy, 3IMCB, Univ Porto, Porto, Portugal; 4ESAV & ESTS, Polytechnic Inst Viseu, Viseu, Portugal; 5Coimbra Univ Hosp, Coimbra, Portugal.

MP201
HIGHER LEVEL OF FERRITIN MAY BE ASSOCIATED WITH ISCHAEMIC CARDIAC DISEASE
Khaled Abdulnabi, Asad Ullah, Abubakr Abdulateef, Mathew Howse, Atif Khalil.
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MP202
EVALUATING THE MAINTENANCE DOSE CONVERSION RATIO (DCR) IN ADULT HAEMODIALYSIS (HD) PATIENTS SWITCHING FROM DARBEPOETIN ALFA (DA) TO PEG EPOETIN BETA
Bruno Fouqueray,1 Maxime Hoffmann,2 Janet Addison,3 Nick Manamley.3 1Amgen Europe GmbH, Zug, Switzerland; 2Hôp privé La Louvière, Lille, France; 3Amgen Ltd, Cambridge, UK.

MP203
ANAEMIA IN HAEMODIALYSIS PATIENTS AND ULCER-LIKE ABNORMALITIES OF THE RED BLOOD CELLS MEMBRANE: BIOPSY OF PERIPHERAL BLOOD FILMS WITH THE ATOMIC-FORCE AND SCANNING-ELECTRON MICROSCOPES
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MP204
COMPARABLE DOSES OF FG-4592 HAVE SIMILAR PK/PD IN HEALTHY CAUCASIAN AND JAPANESE SUBJECTS
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MP205
FACTORS INFLUENCING THE FIRST DARBEPOETIN ALFA DOSING FREQUENCY CHANGE IN CKD PATIENTS NOT ON DIALYSIS
Jan Galle,1 Kathleen Claeys,2 Salvatore Di Giulio,3 Alain Guérin,4 Hans Hertlitz,5 István Kiss,6 Gerhard Wirmser,7 Nick Manamley,8 Janet Addison,8 Bruno Fouqueray,9 Marc Froissart,9 Christopher Winearls.10
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MP206
ANAEMIA MANAGEMENT IN CHRONIC KIDNEY DISEASE PATIENTS NOT ON DIALYSIS IN CLINICAL PRACTICE FOLLOWING THE RECOMMENDATIONS OF THE ANEMIA WORKING GROUP OF THE EUROPEAN RENAL BEST PRACTICE (ERBP)
A Martínez Castelao,1 A Cases Amenos,2 A Torre Carballada,3 Fj Torralba Iranzo,4 Jm Bronsoms Artero,5 D Torán Monserrat,6 M Vallés Prats.7
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MP207
UTILITY OF INTRAVENOUS IRON CARBOXYMALTOSE IN A SINGLE DOSE IN THE CONTROL OF ANEMIA IN CHRONIC KIDNEY DISEASE STAGE 3-4.
Jose Luis Merino, Beatriz Espejo, Blanca Bueno, Yesika Amézquita, Vicente Paraiso.
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MP208
COMMON EFFECT OF ACE GENE I/D POLYMORPHISM AND ACE INHIBITION MODULATES ERYTHROPOIESIS IN CKD-5D PATIENTS

MP209
EFFICACY AND SAFETY PROFILE OF SINGLE DOSE INTRAVENOUS FERRIC CARBOXYMALTOSE IN THE MANAGEMENT OF RENAL ANAEMIA – A SINGLE CENTRE EXPERIENCE
Klaire Exarchou, Nancy Tanahill, Andrea Anhoney, Atif Khalil, Shahed Ahmed.
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MP210
HYDRATION STATUS AND RENAL ANEMIA IN NON-DIALYSIS ADULTS WITH CHRONIC KIDNEY DISEASE STAGES 2-5
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1Nephrology, Carol Davila Univ Medicine and Pharmacy, Bucharest, Romania; 2Dr Carol Davila Teaching Hosp Nephrology, Bucharest, Romania.

MP211
DARBEPOETIN ALFA, ONCE MONTHLY DOSING, CORRECTS ANEMIA IN CHRONIC KIDNEY DISEASE PATIENTS NOT ON DIALYSIS: A RANDOMIZED PHASE III STUDY
Sándor Ferenczi,1 Simon Roger,2 Robert Malecki,3 Mourad Farouk,4 Frank Dellanna,5 Mark Thomas,6 Nick Manamley,7
1B. Braun Avitum Hungary Zrt, Gyor, Hungary; 2Renal Research, Gosford, NSW, Australia; 3Miedzyleski Szpital Specialistyczny, Warsaw, Poland; 4Amgen (Europe) GmbH, Zug, Switzerland; 5Centre Diabetology & Nephrology, Düsseldorf, Germany; 6Heartlands Hosp, Birmingham, UK; 7Amgen Ltd, Cambridge, UK.
MP212
ANEMIA IN CKD STAGE 3-5 ND. RESULTS FROM A FRENCH SURVEY
PREPOFER
M Touam,1 Fr Chantrel,2 Marc Bouiller,3 Jean-Marc Hurot,4 Thomas Raphael,5 Angelo Testa,6 Sebastien Veillon,7 Benoit Vendrely.8
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MP213
MATRIPTASE-2 GENE MUTATIONS IN HEMODIALYSIS PATIENTS WITH IRON RESISTANT IRON DEFICIENCY ANEMIA IN COMPARISON TO NORMAL POPULATION
Zahra Masoumi,2 Pedram Ahmadpoor,1 Sayed Mohammad Hosein Ghaderian,2 Mohsen Nafar,2 Shiva Samavat,2 Farih Samadian,2 Fatemeh Poorreza-gholi,2 Mohammad Shahidi.2
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MP214
EFFECTS OF PARICALCITOL ON HEMOGLOBIN (HB) LEVELS IN CKD PATIENTS: A PILOT RANDOMIZED TRIAL
Nephrology, Univ Naples Federico II, Naples, Italy.
PATHOPHYSIOLOGY AND CLINICAL STUDIES IN CKD 1-5

MP215
TRANS Catheter Aortic Valve Replacement in Patients with Chronic Kidney Disease
Alexandros Gerakis,1 Antonios Halapas,2 Michail Chriseohoridis,2 Ioannis Giatrakis,1 Radostina Andrissou,1 Ioulia Nikolaou,3 Nikolaos Bouboulis,3 Eustratios Pottakos,3 Kostas Spargias.2
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MP216
Arterial Stiffness in Non-Dialysis Stage 4 Chronic Kidney Disease (NDCKD) PATIENTS: ONE YEAR FOLLOW-UP
Rigas Kalaitzidis, Despina Karasavvidou, Kosmas Pappas, Giorgos Katatsis, Athina Tatsioni, Kostas C. Siamopoulos.
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MP217
Meta-Analysis of the Impact of Vitamin D Receptor Activators for Reduction of Proteinuria in Patients with Chronic Kidney Disease: A Systematic Review and Meta-Analysis of Randomised Controlled Trials
Martin H De Borst,1 Reza Hajhosseiny,3 Hector Tamez,2 Julia Wenger,2 Ravi Thadhani,2 David J Goldsmith.3
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MP218
Minimal Renal Artery Diameter Improves Risk Prediction of Cardiovascular Events When Added to Standard Risk Factors in Patients with Ischemic Heart Disease and Non-Significant Renal Artery Stenosis (RAS 10-70%)
Luca Zanoli,1 Stefania Rastelli,1 Carmelita Marcantoni,2 Julien Blanco,1 Corrado Tamburino,3 Pietro Castellino.1
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MP219
Effect of Atorvastatin on Renal No Availability and Tubular Function in Patients with Non-Diabetic, Stage II-III Chronic Kidney Disease
Thomas Larsen,1 Janni M Jensen,1 Jesper N Bech,1 Erling B Pedersen,1,2 Frank H Mose.1,2
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MP220
Prevalence and Predictors of Aortic Vascular Calcification in Living Kidney Donors – First Ever CT Based Assessment
Daniel C Leckström,1 Thakshyanee Bhuvanakrishna,1 Andrew Mcgrath,2 David J Goldsmith.1
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MP221
The Effect of Dietary Phosphate on FGF-23 Secretion in Patients with Diabetic and Non-Diabetic Moderate to Advanced Chronic Kidney Disease
Katarzyna Muras, Anna Masajtis-Zagajewska, Michał Nowicki.
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MP222
URAEMIC PRURITUS: RELIEF OF ITCHING BY GABAPENTIN AND PRE-GABALIN IN 85% OF CONSECUTIVELY-TREATED PATIENTS.
Hugh C Rayner, Jyoti Baharani, Steve A Smith, Vijayan Suresh, Indranil Dasgupta.
Renal Medicine, Heart of England NHS Foundation Trust, Birmingham, UK.

MP223
MACRO-ALBUMINURIA AS MARKER FOR WORSENING ARTERIAL STIFFNESS IN CKD STAGE 1-2 HYPERTENSIVE NON-DBETIC PATIENTS
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MP224
ECHOCARDIOGRAPHY, PULMONARY HYPERTENSION AND RIGHT HEART FAILURE IN NKF STAGE III CKD PATIENTS
Luca Di Lullo,1 Pulvio Flocardi,2 Rodolfo Rivera,4 Antonio Gorini,1 Moreno Malaguti,2 Vinconzo Barbera,1 Antonio Granata,3 Alberto Santoboni,1 1Dept Nephrology and Dialysis, L. Parodi - Delfino Hosp, Colleferro, Roma, Italy; 2Dept Nephrology and Dialysis, S. Paolo Hosp, Civitavecchia, Roma, Italy; 3Dept Nephrology and Dialysis, S. Giovanni di Dio Hosp, Agrigento, Italy; 4Div Nephrology, S. Gerardo Hosp, Monza, Italy.

MP225
ANALYSIS OF THE PLASMA PROTEOME IN CKD IN THE CONTEXT OF PROGRESSIVE CARDIOVASCULAR DISEASE
Magdalena Łuczak,1 Dorota Formanowicz,3 Elzbieta Pawliczak,2 Maria Wanic-Kossowska,2 Lidia Kozioł,2 Marek Figlerowicz,4 1Inst Bioorganic Chemistry, Polish Academy of Sciences, Poznan, Poland; 2Dept Nephrology Transplantology and Internal Medicine, 3Dept Clinical Biochemistry, Poznan Univ Medical Sciences, Poznan, Poland; 4Poznan Univ Technology, Poznan, Poland.

MP226
SERUM LEVELS AND URINARY EXCRETION OF CALCIUM AND PHOSPHATE IN CKD PATIENTS
Juergen Bommer,1 Martina Fliser,2 Pablo Roth,2 Daniel Saure,3 1Nephrology, Univ Heidelberg, Heidelberg, Germany; 2Limbach Lab Heidelberg, Heidelberg, Germany; 3Inst Medical Biometry and Informatics, Univ Heidelberg, Heidelberg, Germany.

MP227
ASSESSMENT OF RADIAL ARTERY STIFFNESS HELPS TO IDENTIFY SUBCLINICAL CARDIAC DAMAGE AMONG SUBJECTS AFFECTED BY CHRONIC KIDNEY DISEASE
Simone Vettoretti,1 Carlo Alfieri,1 Riccardo Fioreani,1 Anna Regalia,1 Carla Bonanomi,2 Roberto Meazza,2 Fabio Magrini,2 Piergiorgio Messa,1 1Nephrology and Dialysis, 2Cardiology, Fond IRCCS Ca' Granda Osp Maggiore Polliclinico, Milan, Italy.

MP228
CONTRIBUTION OF UREMIC TOXINS TO BLOOD PRESSURE REGULATION IN CKD PATIENTS
Vera Jankowski, Walter Zidek, Joachim J.
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MP229
HIGHER STAGE OF CHRONIC KIDNEY DISEASE (CKD) IS A RISK FACTOR FOR PEPTIC ULCER DISEASE IN CKD PATIENTS
Kyungnam Lee,1 In Hye Hwang,1 Soo Bong Lee,1 Dong Won Lee,1 Il Young Kim,1 Ihm Soo Kwak,2 Eun Young Seong,2 Min Ji Shin,2 Harin Rhee,2 Byeong Yun Yang,2 1Internal medicin, Div Nephrology, Yangsan Pusan National Univ School Medicine, Yangsan, Korea; 2Internal medicin, Div Nephrology, Pusan National Univ School Medicine, Busan, Korea.
MP230
PREDICTORS FOR START OF DIALYSIS IN CKD-5 SUBJECTS
Pietro Dattolo, Stefano Michelassi, Sergio Sisca, Marco Allinovi, Marco Amendone, Alma Mehmetaj, Francesco Pizzarelli.
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MP231
EFFICACY AND SAFETY OF ORAL FEBUXOSTAT IN SUBJECTS WITH MODERATE-TO-SEVERE CHRONIC KIDNEY DISEASE (CKD): ONE-YEAR RESULTS
Vassilis Filopoulos,1 Nikolaos Manolios,1 Dimitrios Hadiyannakos,1 Dimitrios Arvanitis,1 Konstantinos Panagiotopoulos,2 Dimosthenis Vlassopoulos.1
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MP232
ESTIMATION OF BODY FLUID VOLUMES BY BIOIMPEDANCE SPECTROSCOPY IN PATIENTS WITH HYPONATREMIA CAN REPLACE PHYSICAL EXAM
Jae Seok Kim, Byoung Geun Han, Seung Ok Choi, Jae Won Yang.
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MP233
IS CHRONIC KIDNEY DISEASE AN INDEPENDENT RISK FACTOR FOR TRANSIENT ISCHEMIC ATTACK?
Soroush Shojai,1 Adarsh Babu,1 Preetham Boddana,1 Dutta Dipankar.2
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MP234
HYPERKALIEMIA IN ADVANCED CHRONIC KIDNEY DISEASE NOT YET ON DIALYSIS: CLINICAL SIGNIFICANCE AND ASSOCIATION WITH SUDDEN DEATH
Raúl Alvarado, Guadalupe García-Pino, Enrique Ruiz-Donoso, Edgar Chávez, Enrique Luna, Francisco Caravaca.
Nefrología, Hosp Infanta Cristina, Badajoz, Spain.

MP235
PERCEPTION, DIAGNOSIS AND THERAPY OF CHRONIC METABOLIC ACIDOSIS IN GERMANY - RESULTS OF A RECENT SURVEY AMONG NEPHROLOGISTS
Helmut Geiger, Stefan Büttner.
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MP236
EVALUATION OF THE ISOLATION AND QUANTIFICATION OF MiCRORNA FROM URINARY EXOSOME FOR BIOMARKER DISCOVERY
Lin-Li Lv, Yuhan Cao, Ming Zheng, Bi-Cheng Liu.1
Southeast Univ, Inst Nephrology, Nanjing, China.

MP237
EFFECT OF ROSUVASTATIN WITH OR WITHOUT EZETIMIBE ON RENAL FUNCTION IN PATIENTS UNDERGOING ELECTIVE VASCULAR SURGERY
George N Kouvelos,1 Vaia D Raikou,2 Eleni M Arnaoutoglou,3 Haralampos J Milonis,4 John N Boletis,2 Miltiadis I Matsagkas.1
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MP238
THE BCM: A NEW DEVICE FOR EVALUATION OF RENAL FUNCTION IN OBESE SUBJECTS
Ilaria Raiola, Francesco Trepiccione, Maria Pluvio, Roberta Raiola, Giovambattista Capasso.
Nephrology, Second Univ Naples, Napoli, Italy.
MP239
POTASSIUM HOMEOSTASIS IN VARIOUS STAGES OF CHRONIC KIDNEY DISEASE (CKD)
Ivan Kaykov, Larisa Kukoleva, Roman Zverkov, Alexey Smirnov.
St.-Petersburg State Pavlov Medical Univ, St.-Petersburg, Russian Federation.

MP240
RELATION BETWEEN PULSE PRESSURE AND VASCULAR EVENT AMONG THE ELDERLY IN MONASTIR: A POPULATION-BASED STUDY
Sonia Hammami,1 Ameur Frih,2 Said Hajem,3 Mahamed Hammami.4
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MP241
EFFECT OF LOW-DOSAGE STEROID ON RENAL FUNCTION IN PATIENTS WITH ARISTOLOCHIC ACID NEPHROPATHY
Li Wan.
Div nephrol, Peking Union Medical College, Beijing, China.
DIABETES - EXPERIMENTAL MODELS

MP242
KIDNEYS FROM DIABETIC-HYPERTENSIVE RATS PERFUSED IN SITU WITH NGAL-CONTAINING KREBS SOLUTION EXCRETE MORE NGAL THAN THOSE FROM HYPERTENSIVE RATS
Victor Blanco-Gozalo,1,2 Ana M Blazquez-Medela,1,2 Omar Garcia-Sanchez,2 Yaremi Quiros,2 Maria J Montero,2 Carlos Martinez-Salgado,1,2,3 Francisco J Lopez-Hernandez,1,2,3 Jose M Lopez-Novoa,1,2 IIBSAL, Salamanca, Spain; 2UFRG- Dep Fisiologia y Farmacologia, Univ Salamanca, Salamanca, Spain; 3IECSCYL, Soria, Spain.

MP243
PROTECTIVE EFFECT OF METFORMIN ON RENAL INJURY OF C57BL/6J MOUSE TREATED WITH HIGH FAT DIET
Li Yao, Zhang Shao Qing, Xu Tian Hua, Feng Jiang Min, Ma Jian Fei, Wang Li Ning.
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MP244
ISOLATION, CHARACTERIZATION AND BIOLOGICAL ACTIVITIES OF EXTRACELLULAR VESICLES DERIVED FROM HUMAN pancreatic ISLETS: POTENTIAL ROLE IN ENDOThelial-BETA CELL CROSS-TALK AND IN LIMITATION OF DIABETIC NEPHROPATHY AFTER ISLET TRANSPLANTATION
Vincenzo Cantaluppi,1 Federico Figliolini,1 Michela Delena,1 Silvia Beltram,1 Davide Medica,1 Ciro Tetta,2 Giuseppe P Segolini,1 Luigi Biancone,1 Giovanni Camussi,1
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MP245
EFFECT OF HIGH GLUCOSE AND HIGH INSULIN CONCENTRATIONS ON OSTEObLASTS FUNCTION IN VITRO
Juliana S Cunha, Vanessa M Ferreira, Marcelo A Naves, Mirian A Boim.
Medicine - Renal Div, Federal Univ São Paulo, São Paulo, São Paulo, Brazil.

MP246
EFFECT OF VITAMIN D ON MICRO RNAS IN ENDOThelial CELLS EXPOSED TO A DIABETIC ENVIRONMENT
Tali Zitman-Gal,1 Eliezer Golan,1 Janice Green,1 Metsada Pasmanik-Chor,2 Jacques Bernheim,1 Sydney Benchetrit,1
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MP247
PARICALCITOL MODULATES CIRCULATING ACE2 ACTIVITY IN TYPE 1 DIABETIC MICE.
Marta Riera, Sergi Clotet, Julio Pascual, M’Josep Soler.
Dept Nephrology, Hosp Mar - IMIM, Barcelona, Spain.

MP248
MAXACALCITOL EXERTS ITS RENOPROTECTIVE EFFECTS IN NON-OBESE TYPE 2 DIABETIC RATS VIA SUPPRESSION OF OXIDATIVE STRESS AND AMELIORATION OF THE NRF2-KEAP1 PATHWAY
Kentaro Nakai,1 Hideki Fujii,1 Keiji Kono,1 Shunsuke Goto,1 Michinori Hira-ta,2 Masami Shinohara,3 Masafumi Fujikawa,4 Shinichi Nishi,1
1Div Nephrology and Kidney center, Kobe Univ Grad School Medicine, Kobe, Japan; 2Fuji Gotemba Research Labs, Chugai Pharmaceutical Co., Ltd., Shizuoka, Japan; 3Planning and Development Section, CLEA Japan, Inc., Tokyo, Japan; 4Div Nephrology, Endocrinology and Metabolism, Tokai Univ School Medicine, Isehara, Japan.

MP249
PROTEIN EXPRESSION PROFILE OF HUMAN AORTIC ENDOThelial CELLS UNDER HIGH GLUCOSE
Qiuling Fan, Shuyan Du, Yi Jiang, Lining Wang.
Dept Nephrology, The First Hosp, China Medical Univ, Shenyang, China.
MP250
IMPAIRED GLOMERULAR SOLUBLE GUANYLYL CYCLASE ACTIVITY IN DIABETIC RATS
Lilla Fang,1 Tamas Radovits,3 Miklos M Mozes,1,2 Laszlo Rosivall,1,2 Gabor Kokeny.1,2
1Dept Pathophysiology, 2International Nephrology Research and Training Center, 3Heart Center, Semmelweis Univ, Budapest, Hungary.

MP251
AN ORAL ADSORBENT AST-120 REDUCED OXIDATIVE STRESS, PROTEINURIA AND ALBUMINURIA IN METABOLIC SYNDROME/DIABETES RATS
Rieko Aoki, Ryoko Tateoka, Fujio Sekine, Kaori Kikuchi, Yusuke Yamashita, Yoshiiaru Itoh.
Pharmaceuticals Div, Kureha Corporation, Tokyo, Japan.

MP252
SEQUENTIAL ACTIVATION OF PROINFLAMMATORY GENES IN THE GLOMERULAR AND TUBULOINTERSTITIAL COMPARTMENTS IN TYPE II DIABETIC NEPHROPATHY(DN)
L. Cappuccino,1 G. Garibotto,1 E. D’amato,1 B. Villaggio,1 F. Gianorio,1 M. Mij,2 F. Viazzi,1 G. Salvudio,1 D. Vezzola.1
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MP253
HIGH GLUCOSE INCREASES GLOMERULAR FILTRATION BARRIER PERMEABILITY THROUGH ACTIVATION OF PROTEIN KINASE G TYPE Ia SUBUNITS.
Agnieszka Piwkowska,1 Dorota Rogacka,1 Irena Audzeyenka,1 Malgorzata Kasztan,2 Stefan Angielski,1 Maciej Jankowski.2
1Lab Molecular and Cellular Nephrology, Mossakowski Medical Research Centre Polish Academy of Sciences, Gdansk, Poland; 2Dept Therapy Monitoring and Pharmacogenetics, Medical Univ Gdansk, Gdansk, Poland.

MP254
THE RELATIONSHIP BETWEEN RENALASE AND DOPAMINE IN TYPE 2 DIABETIC PATIENTS WITH AND WITHOUT DIABETIC NEPHROPATHY
Eman Wagdy Gaber,1 Hoda Ali El-Attar.2
1Internal Medicine Dept, 2Chemical Pathology Dept, Medical Research Inst, Alexandria, Egypt.

MP255
AGES INDUCES RTECS PREMATURE SENESCENCE VIA ERS-MEDIATED ATF4/P16 PATHWAY IN DN
Jun Liu, Weiwei Zhang, Yani He.
Dept Nephrology, Daping Hosp, Third Military Medical Univ, Chongqing, China.

MP256
HIGH GLUCOSE INDUCES INSULIN RESISTANCE IN RAT CULTURED PODOCYTES VIA AMPK-PTEN PATHWAY
Dorota Rogacka,1 Agnieszka Piwkowska,1 Irena Audzeyenka,1 Stefan Angielski,1 Maciej Jankowski.1,2
1Lab Molecular and Cellular Nephrology, Mossakowski Medical Research Centre, Polish Academy of Science, Gdansk, Poland; 2Dept Therapy Monitoring and Pharmacogenetics, Medical Univ Gdansk, Gdansk, Poland.

MP257
MEASUREMENT OF GLYcation END PRODUCT RELATED UREMIE ToXINS IN SKIN: COMPARISON OF TWO NON-INVASIVE METHOD
Emilia Macai,1 Zoltan Takats,3 Laszlo Derzbach,2 Anna Körner,2 Barna Vásárhelyi.4
MP258
REGULATORY EFFECT OF RAPAMYCIN ON TLR-4 SIGNALWAY IN DIABETIC NEPHROPATHY
Min Song Huang, Hong Bo, Fang Liu, Ping Fu.
Dept Nephrology, West China Hosp Sichuan Univ, Chengdu, Sichuan Province, China.

MP259
HIGH GLUCOSE DIFFERENTIALLY INDUCES GRADUAL LOSS OF PO-DOCYTIC MARKERS AND PARTIAL DE-DIFFERENTIATION
Nikolaos E. Tsiotakis, Effie C. Tsilibrari, Garyfalia I. Drossopoulou.
Inst Biosciences and Applications, National Centre Scientific Research Demokritos, Athens, Greece.

MP260
POOR LYOSOMAL MEMBRANE INTEGRITY IN PROXIMAL TUBULE CELLS OF HAPTOGLOBIN 2-2 GENOTYPE MICE WITH DIABETES MELLITUS
1Nephrology Poriya Medical center, Tiberias, Israel; 2Ophtalmology Div, Tiberias, Israel; 3Nephrology Lab, Tiberias, Israel; 4Technion Vascular Biology Lab, Haifa, Israel.

MP261
ARTERIOLAR AND GLomerular IntraRENAL ADIPOnectin StAI-NING In A RAT MODEL OF INCipient DIABETIC NEPHROPATHY
Alina Ramona Lenghel, Gabriel Borza, Cornel Catoi, Cosmina Ioana Bondor, Adriana Muresan, Ina Maria Kacso.
1Univ Medicine and Pharmacy Iuliu Hatieganu, Cluj Napoca, Romania; 2Univ Agricultural Sciences and Veterinary Medicine, Cluj Napoca, Romania.

MP262
PLANT STEROID a-SPINASTEROL ATTENUATES INDUCTION OF THROMBOSPONDIN-1 BY HIGH GLUCOSE, AND RESULTS IN REGULATING CELL PROLIFERATION, AND TIMP2/MMP2 RATIO THROUGH TGF-β/SMAD2/3 SIGNALING IN CULTURED MESANGIAL CELLS
Jung-Sub Song, Ju-Hung Song, Seon-Ho Ahn.
Internal Medicine, Wonkwang Univ College Medicine and Hospotal, Iksan, Jeonbuk, Korea.

MP263
FENOFRIBRATE AMELIORATES DIABETIC NEPHROPATHY THOUGH THE ACTIVATION OF AMPK-PGC-1a-ERR-1a SIGNALING IN DB/DB MICE
Bum Soon Choi, Yu Ah Hong, Min Young Kim, Jin Hee Lim, Keun-Suk Yang, Sungjin Chung, Seok Joon Shin, Hyung Wook Kim, Yoon Sik Chang, Yong Soo Kim.
1Div Nephrology, Dept Internal Medicine, College Medicine, Catholic Univ Korea, Seoul, Korea.

MP264
DOW-ReguLated TRPm6 In DIABETIC NEPHROPATHY AS A CaNDIDATE OF SUSCEPabile MOLECULE CAUSING HYPERMAGNESIURIC HYPOMAGNESEMIA IN DIABETES
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MP265
MANNOSE BINDING LECTIN INTERACTS WITH TOLL-LIKE RECEPTOR 4 IN RAT MODEL OF DIABETIC NEPHROPATHY
Min Song Huang, Hong Bo, Fang Liu, Ping Fu.
Dept Nephrology, West China Hosp Sichuan Univ, Chengdu, Sichuan Province, China.
MP266
LONG-TERM STUDY OF ERYTHROPOIETIN, LOSARTAN, AND COMBINATION IN STREPTOZOTOCIN-INDUCED DIABETIC RATS
Rehab H Ashour,1 Abd El-Motaal M Fouda,1 Mohamed A Saad,1 Farida M El-Banna,1 Fatma A Moustafa,2 Manal I Fouda.3
1Clinical Pharmacology Dept, 2Pathology Dept, 3Clinical Pathology Dept, Fac Medicine, Mansoura Univ, Mansoura, Al-Dakahlia, Egypt.

MP267
PODOTOXICITY OF GLUCOSE DEGRADATION PRODUCTS
Maria D Sanchez-Niño,1 Ana B Sanz,2 Jonay Poveda,2 Moin Saleem,3 Peter W Mathieson,3 Marta Ruíz-Ortega,2 Rafael Selgas,1 Jesus Egidio,2 Alberto Ortiz.2
1Nephrology, IdiPAZ, Madrid, Spain; 2Nephrology, IIS-FJD, Madrid, Spain; 3Univ Bristol, Bristol, UK.

MP268
EFFECT OF MALE GENDER AND DIABETES ON CIRCULATING ACE2 ACTIVITY IN STREPTOZOTOCIN (STZ)-INDUCED MICE
Sergi Clotet, María José Soler, Marta Rebull, Julio Pascual, Marta Riera.
Dept Nephrology, Hosp Mar - IMIM, Barcelona, Spain.

MP269
INFLUENCE OF INSULIN IN THE GENIC EXPRESSION OF RAS COMPONENTS OF THE PODOCYTE IN A DIABETIC SITUATION.
Eva Márquez, Marta Riera, Julio Pascual, María José Soler.
Nephrology Dept, Hosp Mar-IMIM, Barcelona, Spain.

MP270
POSSIBLE INVOLVEMENT OF ALTERED MACULA DENSA SIGNALING IN THE RESTORATIVE EFFECT OF PIOGLITAZONE ON THE GLOMERULAR HYPERFILTERATION IN RATS WITH TYPE-2 DIABETIC NEPHROPATHY.
Juko Asakura,1 Hajime Hasegawa,1 Kaori Takayanagi,1,2 Yosuke Tayama,1 Taisuke Shimizu,1 Takatsugu Iwashita,1 Shinpei Okazaki,1 Yuta Kogure,1 Tatsuro Sano,1 Minoru Hatano,1 Koichi Kanozawa,1 Hitoshi Kato,1 Tetsuya Mitarai.1
1Nephrology and Hypertension, Saitama Medical center, Saitama Medical Univ, Kawagoe, Japan; 2Kawagoe Ekimae Clinic, Kawagoe, Japan.

MP271
CONTRIBUTION OF P2 RECEPTORS IN INTRARENAL HEMODYNAMICS IN EXPERIMENTAL DIABETES MELLITUS IN RATS
Ewelina Kreft,1 Robert Kowalski,1 Małgorzata Kasztan,1 Maciej Jankowski,1,2 Mirosława Szczepańsk-Konkel.1
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MP272
EFFECT OF LOSARTAN ON THE RENAL TUBULAR PROTEIN EXPRESSION PROFILE OF TYPE 2 DIABETIC KKAY MICE
Qiuling Fan, Xiaodan Liu, Gang Yang, Yi Jiang, Lining Wang.
Dept Nephrology, First Hosp, China Medical Univ, Shenyang, China.

MP273
THE ASSOCIATION BETWEEN DIABETIC NEPHROPATHY AND POLYMORPHISMS OF PPARg PRO12ALA AND CCR5d 32 GENES IN TYPE 2 DIABETES
Noha Adel Osman,2 Mohamed Mahmoud Nasrallah,2 Manal Mohamed Kamil,1 Asmaa Ismail Ahmed.1
1Clinical Pathology, 2Internal Medicine, Nephrology Unit, Kasr Al-Ainy School Medicine, Cairo Univ, Cairo, Egypt.

MP274
MTHFR (C677T AND A1298C) POLYMORPHISMS AND DIABETIC NEPHROPATHY
Najiba Fekih-Mrissa,1 Meriem Mrad,1 Anis Baffoun,2 Aicha Sayeh,1 Jalel Hmida,2 Nasreddine Gritli.1
1Lab Molecular Biology, Dept Hematology, 2Dept Hemodialysis, Military Hosp Tunisia, Tunis, Tunisia.
MP275
MONOCYTE ADHESION MOLECULES EXPRESSION IN TYPE 2 DIABETIC NEPHROPATHY

MP276
LIPOPOLYSACCHARIDE-PRETREATED DENDRITIC CELLS AMELIORATE RENAL INJURY IN STREPTOZOCIN-INDUCED MURINE DIABETES
Dong Zheng, Dayong Hu, Xinhua Li, Ai Peng. Tong Ji Univ, Shanghai, China.

MP278
BISPHENOL A INDUCES PODOCITOPATHY AND HYPERTENSION IN MICE. POTENTIAL ROLE IN DIABETIC NEPHROPATHY
Nuria Olea-Herrero,1 María I Arenas,1 Carmen Muñoz-Moreno,1 Rafael Moreno-Gómez-Toledano,1 Marta González-Santander,1 Ignacio Arribas,2 Ricardo J Bosch,1 1Physiology/Medicine, Univ Alcalá, Alcalá de Henares, Spain; 2Clinical Chemistry, Univ Hosp Príncipe de Asturias, Univ Alcalá, Alcalá de Henares, Spain.
ACID-BASE / ELECTROLYTES / NEPHROLITHIASIS

MP279
CORRECTION SPEED LIMITS FOR CHRONIC HYponatraemia: A SYSTEmATIC REVIEW OF OBSERVATIONAL DATA
Maria C Haller,2,5 Wim Van Biesen,1,5 Angela C Webster,3,4 Raymond Vanholder,1,5 Evi V Nagler.1,5
1Ghent Univ Hosp, Ghent, Belgium; 2Krankenhaus Elisabethinen Linz, Linz, Austria; 3Univ Sydney, Sydney, NSW, Australia; 4Westmead Hosp, Westmead, NSW, Australia; 5ERBP, Ghent, Belgium.

MP280
SIGNIFICANT HYponATREMIA IN THYROID CANCER PATIENTS UNDERGOING LOW IODINE DIET AND RADIOACTIVE IODINE THERAPY
Jung Eun Lee,1 Seung Kyu Kim,2 Seung Kyo Park,2 Gi Young Yun,2 Hoon Young Choi,2 Sung-Kyu Ha,2 Hyeong Cheon Park,2
1Div Nephrology, Internal Medicine, Yongin Severance Hosp, Yonsei Univ College Medicine, Yongin, Korea; 2Div Nephrology, Internal Medicine, Gangnam Severance Hosp, Yonsei Univ College Medicine, Seoul, Korea.

MP281
UTILITY OF MULTIFREQUENCY BIOIMPEDANCE IN THE STUDY OF HYponATREMIC PATIENTS.
Beatriz Hernandez-Sevillano,1 Jose Ramon Rodriguez,1,2 Katia Perez Del Val,1 Alberto De Lorenzo,1 Paloma Salas,3 Maria Bienvenido,3 Marta Sanchez-Heras,1,2 Maria Angeles Basterrechea,1 Serafin Tallon,1 Gabriel De Arriba,1,2 1Nefrologia, Hosp Univ Guadalajara, Guadalajara, Spain; 2Medicina, Univ Alcalá, Madrid, Spain; 3Bioquímica, Hosp Univ Guadalajara, Guadalajara, Spain.

MP282
HYponATREMIA IN THE HOSP SETTING: INTERIM RESULTS FROM A PROSPECTIVE, OBSERVATIONAL, MULTI-CENTER, GLOBAL REGISTRY
Arthur Greenberg,1 Joseph Verbalis,2 Volker Burst,3 Jean-Philippe Haymann,4 Esteban Poch,5 Joseph Chiiodo lli.6 1Nephrology, Duke Univ, Durham, NC, USA; 2Endocrinology and Metabolism, Georgetown Univ, Washington, DC, USA; 3Internal Medicine, Renal Div, Univ Cologne, Cologne, Germany; 4Lab Explorations Fonctionnelles Multidisciplinaire, Hop Tenon, Paris, France; 5Hop Clinic, Univ Barcelona, Barcelona, Spain; 6Otsuka America Pharmaceutical, Inc, Princeton, NJ, USA.

MP283
DIAGNOSIS AND TREATMENT OF HYponATREMIA: A SYSTEMATIC REVIEW OF CLINICAL PRACTICE GUIDELINES
Evi V Nagler,1,5 Jill Vanmassenhove,1 Sabine N Van Der Veer,2,5 Ionut Nistor,3,5 Wim Van Biesen,1,5 Angela C Webster,4 Raymond Vanholder,1,5 1Ghent Univ Hosp, Ghent, Belgium; 2Academic Medical Center, Amsterdam, Netherlands; 3Gr.T. Popa Univ Medicine and Pharmacy, Iasi, Romania; 4Univ Sydney, Sydney, NSW, Australia; 5ERBP, Ghent, Belgium.

MP284
SEVERE HYponATREMIC PATIENTS: WHO ARE THEY AND HOW ARE THEY MANAGED?
Angelo Pignataro, Victor Alfieri, Giulio Cesano, Marco Timbaldi, Elisa Torta, Roberto Boero.
Nephrology And Dialysis, Osp Martini, Torino, Italy.

MP285
TREATMENTS FOR CHRONIC HYponATREMIA: A SYSTEMATIC REVIEW OF RANDOMISED CONTROLLED TRIALS
Evi V Nagler,1,3 Maria C Haller,3 Wim Van Biesen,1,3 Raymond Vanholder,1,3 Angela C Webster.2 1Ghent Univ Hosp, Ghent, Belgium; 2Univ Sydney, Sydney, NSW, Australia; 3ERBP, Ghent, Belgium.

MP286
EFFICACY AND SAFETY OF TOLVAPTAN IN TREATING SEVERE HYponATREMIA DUE TO SYndrome of INAPPROPRIATE SECRETION OF ANTI DiURETIC HORMONE (SIADH)
David Cucchiari, Manuel Podestà, Elisa Merizzoli, Claudio Angelini, Salvatore Badalamenti.
Nephrology Unit, Humanitas Clinical and Research Center, Rozzano, Italy.
MP287
EXPRESSION OF FIBROBLAST GROWTH FACTOR 23 (FGF-23), VITAMIN D RECEPTOR (VDR) AND SCLEROSTIN IN BONE TISSUE OF HYPERCALCIURIC STONE FORMERS
Maria Teresa De Seixas Alves,2 RosaMaria Affonso Moysés,3 Vanda Jorgetti,3 Ita Pfefferman Heilberg,1 Viviane Barcellos Menon.1
1Nephrology Div, 2Dept Pathology, Univ Federal São Paulo, São Paulo, Brazil; 3Nephrology Div, Univ São Paulo, São Paulo, Brazil.

MP288
HYPERCALCIURIC STONE FORMERS

MP289
NEPHROCALCINOSIS IN AN ADULT PATIENT WITH IDIOPATHIC INFANTILE HYPERCALCIURIA AND A NOVEL CYP24A1 MUTATION
Karl Lhotta,1,2 Axel Muendlein,2 Edgar Meusburger,1 Emanuel Zitt.1,2
1Dept Nephrology and Dialysis, 2Vorarlberg Inst Vascular Investigation and Treatment, Academic Teaching Hosp Feldkirch, Feldkirch, Austria.

MP290
SODIUM THIOSULFATE AMELIORATES OXIDATIVE STRESS AND PRESERVE RENAL FUNCTION IN ETHYLENE GLYCOL- TREATED RATS
Rakesh K Bijarnia, Andreas Pasch.
Nephrology & Hypertension, Inselspital, Univ Bern, Bern, Switzerland.

MP291
THE IMPACT OF BOWEL PREPARATION FOR COLONOSCOPY ON SERUM ELECTROLYTES: POLYETHYLENE GLYCOL-ELECTROLYTE SOLUTION VERSUS SODIUM PHOSPHATE
Soon Woo Hwang, Chang Hwa Lee, Gheun-Ho Kim.
Dept Internal Medicine, Hanyang Univ College Medicine, Seoul, Korea.

MP292
NEPHROLITHIASIS (NL) AND ACCELERATED VASCULAR CALCIFICATION (VC). A COMMON UNDERLYING PATHO-MECHANISM FOR THESE ECTOPIC CALCIFICATION SYNDROMES?
Daniel C. Leckström,1 Christopher Pereira,1 Matthew Bultitude,2 Andrew Mcgrath,3 David J Goldsmith.1
1Nephrology and Transplantation, 2Urology, 3Radiology, Guy’s Campus King’s Health Partners AHSC, London, UK.

MP293
COMPOSITION AND RISK FACTORS OF KIDNEY STONES: EXPERIENCE IN A NEPHROLITHIASIS UNIT
Damaris Vasquez, Beatriz Fernandez, Sofia Palomo, Carmen Aller, Raquel Gordillo, Vicente Perez, Jesus Bustamante, Armando Coca.
Nephrology, Hosp Clinico, Valladolid, Spain.

MP294
GENDER- AND AGE-RELATED PROFILES OF VITAMIN D METABOLITES IN PATIENTS WITH KIDNEY STONE DISEASE
Corrado Vitale,1 Cristiana Bagnis,1 Alberto Tricerri,1 Lucrezia Gallo,2 Franca Dutto,2 Marco Migliardi,2 Martino Marangella.1
1Nephrology and Dialysis Unit, 2Lab Services, Ordine Mauriziano Hosp, Torino, Italy.

MP295
RENAI MANIFESTATIONS IN INFLAMMATORY BOWEL DISEASE - LI- THOCENIC FACTORS AND TUBULOINTERSTITIAL INVOLVEMENT
Cristina Outerelo,1 Pedro Figueiredo,2 João Freitas,2 Fernando Teixeira Costa,1 Aura Ramos.1
1Nephrology, 2Gastroenterology, Hosp Garcia de Orta, Almada, Portugal.

MP296
ASSOCIATION OF URINE PH AND CHRONIC USE OF PROTON PUMP INHIBITOR
Mehdi Rambod, Edmond Melikterminas, Hani Atallah, Mohammed Saadi, Sean Connery, Zuber Mulla, Ramin Tolouian.
Div Nephrology and Hypertension, Dept Internal Medicine, Texas Tech Univ Health Sciences Center, Paul L. Foster School Medicine, El Paso, TX, USA
SPONTANEOUS CALCIFICATION PROCESS IN CULTURED RENAL CELLS OF A PATIENT WITH MEDULLARY SPONGE KIDNEY: ROLE OF THE DOWN REGULATION OF GDNF GENE
Rosalba Cristofaro,1 Valentina Masola,2 Monica Ceol,1 Giovanna Priante,1 Alessandra Familiari,1 Giovanni Gambaro,3 Franca Anglani,1
1Dept Medicine -DIMED, Div Nephrology, Padova, Italy; 2Dept Experimental Biomedical Sciences, Univ Padua, Padua, Italy; 3Div Nephrology, Catholic Univ, Rome, Italy.
MP296
INFLUENCE OF A FUNCTIONAL POLYMORPHISM OF ALDOSTERONE SYNTHASE GENE ON CHRONIC GLOMERULONEPHRITIS: A CLINICO-PATHOLOGIC STUDY
Christos Bantis,1,2 Peter J Heering,1 Nicoletta-Maria Kouri,2 Magdalena Siekierka-Harreis,1 Maria Stangou,2 Christina Schwandt,1 George Eistratadis,2 Lars-Christian Rump,1 Katrin Ivens.1
1Dept Nephrology, Heinrich-Heine Univ, Düsseldorf, Germany; 2Dept Nephrology, Aristotle Univ, Thessaloniki, Greece.

MP297
EPIDEMIOLOGY OF PRIMARY GLOMERULONEPHRITIS IN MOROCCO
Intissar Haddiya,1 Tarik Houssaini Squalli,2 Inass Louaad,3 Benyounes Ramdani,4 Rabia Bayahia.5
1Nephrology, Fac Medecine Univ Mohamed first, Oujda, Morocco; 2Nephrology, Hassan II Univ Hosp, Fez, Morocco; 3Nephrology, Mohamed VI Univ Hosp, Marrakech, Morocco; 4Nephrology, Ibn Rochd Univ Hosp, Casablanca, Morocco; 5Nephrology, Ibn Sina Univ Hosp, Rabat, Morocco.

MP298
CIRCULATING SERUM LEVELS OF GELATINASE-B AND VASCULAR ENDOTHELIAL GROWTH FACTOR–A ARE ASSOCIATED WITH ATHEROSCLEROSIS IN PATIENTS WITH EARLY STAGES OF CHRONIC KIDNEY DISEASE AND PRIMARY CHRONIC GLOMERULONEPHRITIS
Grigorios G. Dimas,1 Thomas J. Tegos,2 Sofia G. Spiriglou,3 Christos G. Pitsalidis,2 Athanasios S. Sioufis,1 Ioannis M. Karamouzis,4 Christos G. Savopoulou,1 Michael I. Karamouzis,5 Anastasios G. Orolagos,2 Apostolos I. Hatzitolios,1 Dimitrios M. Grekas.1
1First Propaedeutic Medical Dept, 2First Neurology Medical Dept, 3Biochemistry Lab, AHEPA Univ Hosp, Aristotle Univ Thessaloniki, Greece; 4Dept Internal Medicine, Div Endocrinology and Metabolism, Univ Turin, Turin, Italy.

MP299
INCIDENCE OF GLOMERULAR DISEASES IN THE CZECH REGISTRY OF RENAL BIOPSIES IN THE YEARS 1994-2011
Dita Maixnerova,1 Eva Janova,1 Ivan Rychlik,2 Romana Rysava,1 Miroslav Merta,1 Jana Reiterova,1 Alexandr Kolsky,3 Eva Honsova,4 Jelena Skibova,5 Vladimir Tesar.1
1Dept Nephrology, First Fac Medicine, 2Dept Nephrology, 3Dept Pediatrics, Third Fac Medicine, 4Dept Pathology, First Fac Medicine, Charles Univ, Prague, Czech Rep; 5Dept Statistical analysis, Inst Clinical and Experimental Medicine, Prague, Czech Rep.

MP300
PREVALENCE OF CMV INFECTION/DISEASE IN PATIENTS WITH GLOMERULAR DISEASE TREATED BY IMMUNOSUPPRESSIVE TREATMENT
Zeynep Kendi Çelebi, Reyhan Calayoğlu, Kenan Keven, Ilhan Kurultak, Pınar Mescigil, Bülent Erbay, Oktay Karataş, Neval Duman, Şehsuvar Ertürk, Gökhan Nergizoğlu, Sim Kutlay, Sule Şengül, Kenan Ateş.
Nephrology Dept, Ankara Univ School Medicine, Ankara, Turkey.

MP301
SUBCLINICAL PULMONARY CONGESTION IN NEPHROTIC SYNDROME
F. Marino, C. Martorano, M. Bellantoni, R. Tripepi, C. Zoccali.
Nephrology, Transplantation and Hypertension Unit & CNR-IBIM, United Hosp, Reggio Calabria, Italy.

MP302
SEQUENTIAL EVENTS IN POST-TRANSPLANT GRAFT ASSOCIATED WITH RECURRENCE OF FOCAL SEGMENTAL GLOMERULOSCLEROSIS
Kiyonobu Ishizuka,1 Yutaka Harita,2 Yuki Kajihira,2 Haruko Tsurumi,2 Tatsuhiro Asano,1 Kei Nishiyama,1 Noriko Sugawara,1 Hiroko Chikamoto,1 Yuko Akioka,1 Yutaka Yamaguchi,3 Takashi Igarashi,2 Motoshi Hattori,1
1Pediatric Nephrology, Tokyo Womens’ Medical Univ, School Medicine, Tokyo, Japan; 2Pediatrics, Univ Tokyo, Grad School Medicine, Tokyo, Japan; 3Yamaguchi’s Pathology Lab, Matsudo, Chiba, Japan.
MP303
IMPACT OF BODY MASS INDEX ON THE CLINICAL COURSE OF CHRONIC GLOMERULONEPHRITIS
Christos Bantis,1,2 Peter J Heering,1 Nicoletta-Maria Kouri,2 Maria Stangou,2 Magdalena Siekierka-Harreis,1 George Efstratiadis,2 Lars-Christian Rump,1 Katrin Ivens.1
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MP304
POST INFECTIONOUS GLOMERULONEPHRITIS - IS IT BENIGN?
Manisha Sahay.
Nephrology, Osmania General Hosp and Medical College, Hyderabad, Andhra Pradesh, India.

MP305
INTRAVENOUS IMMUNOGLOBULIN G IN THE TREATMENT OF PATIENTS WITH IDIOPATHIC GLOMERULONEPHRITIS: CLINICAL EXPERIENCE LASTING 25 YEARS
Daniela V Monova, Simeon V Monov.
Medical Univ Sofia, Sofia, Bulgaria.

MP306
MINIMAL CHANGE DISEASE DUE TO MERCURY-CONTAINING SKIN LIGHTENING CREAM
Yan-Yan Wang,1 Hong Cheng,1 Guo-Qin Wang,1 Hong-Rui Dong,1 Yi-Pu Chen,1 Chang-Jiang Wang,2 Yan-Ling Tang,3
1Div Nephrology, Beijing Anzhen Hosp, Capital Medical Univ, Beijing, China; 2Central Hosp Jiamusi city, Jiamusi city, Heilongjiang province, China; 3Tang shan people’s Hosp, Tang shan, Hebei province, China.

MP307
FREE LIGHT CHAINS (FLCs) REDUCTION ON ACUTE KIDNEY INJURY (AKI) IN MULTIPLE MYELOMA: CRITICAL ROLE OF HIGH CUT-OFF DIALYSIS MEMBRANES (HCO-HD)
Elisa Buti,1 Egrina Dervishi,1 Franco Bergesio,1 Giulia Ghiandai,1 Anduela Mjeshtri,1 Nunzia Paudice,1 Anna Luda Caldini,2 Chiara Nozzoli,3 Enrico Eugenio Minetti.1
1Nephrology Unit, 2Clinical Chemistry, 3Hematology Dept, Careggi Univ Hosp, Florence, Italy.

MP308
CLINICAL ANALYSIS OF TUBERCULOSIS-ASSOCIATED GLOMERULONEPHRITIS
Li Sun, Jiangmin Feng, Li Yao, Qiuling Fan, Jianfei Ma, Lining Wang.
China Medical Univ, Dept Nephrology, Shenyang, China.

MP309
PREECLAMPSIA (PE): INTRARENAL BLOOD FLOW FEATURES
Tatiana Kirsanova,1 Liudmila Merkusheva,1 Nadezda Ruinhina,1 Natalia Kozlovskaya,2 Galina Enlsheleger.1
1Therapeutic, Research Center Obstetrics, Gynecology and Perinatology, Moscow, Russian Federation; 2Nephrology, First moscow state medical university, Moscow, Russian Federation.

MP310
IS THE RED BLOOD CELL DISTRIBUTION WIDTH A PREDICTOR FOR RESPONSE TO TREATMENT IN ADULT PATIENTS WITH NEPHROTIC SYNDROME?
Kenan Turgutalp,1 Ümit Karabult,1 Türkay Özcen,2 Ilter Helvact,3 Ahmet Kıyım.1
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MP311
P.VIVAX MALARIA AND THROMBOTIC MICROANGIOPATHY - IS THERE ANY DIRECT PATHOGENETIC LINK?
Nephrology, Sanjay Gandhi Post Grad Inst Medical Sciences, Lucknow, Uttar Pradesh, India.
MP312
EDema FORMATION AND PROTEINURIA: IS THERE A ROLE FOR AN-GIOPOIETIN-2
Christian Clajus,1 Julius J Schmidt,1 Hermann Haller,1 Philipp Kümpers,1,2 Sascha David.1
1Nephrology and Hypertension, Hannover Medical School, Hannover, Germany; 2Nephrology, Univ Hosp Münster, Münster, Germany.

MP313
RENAL CYSTS IN THIN BASEMENT MEMBRANE DISEASE (TBMD) WITH PROTEINURIA/RENAL FUNCTION IMPAIRMENT
Nephrology, H. U 12 de Octubre, Madrid, Spain.

MP314
RENAI AND PATIENT SURVIVAL IN THE MOST FREQUENT ADULT GLOMERULONEPHRITIS IN CASTILLA LA MANCHA (SPAIN) BETWEEN 1994 AND 2008: GLOMANCHA STUDY RESULTS
Jose L Conde Olasagasti,1 Carmen Vozmediano Poyatos,2 Maria L Illescas,3 Serafin Tallon,4 Jose J Uson Carrasco,5 Ana Roca Muñoz,1 Francisco Rivera Hernandez.2
1Nephrology, Compl Hosp, Toledo, Spain; 2Nephrology, Hosp General Univ, Ciudad Real, Spain; 3Nephrology, Compl Hosp Univ, Albacete, Spain; 4Nephrology, Hosp Univ, Guadalajara, Spain; 5Nephrology, Hosp Virgen de la Luz, Cuenca, Spain.

MP315
INCIDENCE AND RISK FACTORS ASSOCIATED WITH VENOUS THROMBHOEMBOLIC EVENTS IN PATIENTS WITH IDIOPATHIC NEPHROTIC SYNDROME: AN PROSPECTIVE OBSERVATIONAL STUDY
Gener Ismail, Roxana Jurubita, Andreea Andronesi, Raluca Bobeica, Diana Zilisteanu, Elena Rusu, Camelia Achim.
Nephrology, Fundeni Clinical Inst, Bucharest, Romania.

MP316
ACUTE KIDNEY INJURY (AKI) INDUCED BY MACROSCOPIC HEMATURIA IN ACUTE GLOMERULONEPHRITIS ASSOCIATED TO STAPHYLOCOCCUS
Nephrology, H.U 12 de Octubre, Madrid, Spain.

MP317
PRIMARY GLOMERULONEPHRITIS AND HASHIMOTO THYROIDITIS: A FORTUITOUS COINCIDENCE?
Antonio Pasquariello,1 Giovanna Pasquariello,2 Maurizio Innocenti,2 Giulia Grassi,1 Maria Francesca Egidi.2
1Medical Area, Dept Section Immune-Mediated Nephropathies, Pisa, Italy; 2Medical Area, Nephrology Transplants and Dialysis Unit, Pisa, Italy.

MP318
EFFECTS OF ANTI-TUMOR NECROSIS FACTOR THERAPY ON KIDNEY FUNCTION IN PATIENTS WITH INFLAMMATORY ARTHRITIS
Oğuzhan Öztürk,3 Abdülmecit Yıldız,1 Cuma Bülent Gül,4 Kamil Dilek.2
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MP319
MICROALBUMINURIA IN PATIENTS WITH RHEUMATOID ARTHRITIS
Simeon V Monov,1 Daniela V Monova.2
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<table>
<thead>
<tr>
<th>POSTERS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MP320</strong></td>
</tr>
<tr>
<td>MANAGEMENT OF HYPERTENSION AMONG NONDIALYSIS CHRONIC KIDNEY DISEASE PATIENTS IN POLAND 1996-2011. RETROSPECTIVE, CROSS-SECTIONAL ONE CENTER STUDY</td>
</tr>
<tr>
<td>Leszek Tylicki,1 Agnieszka Jakubowska,2 Ewa Weber,1 Slawomir Liza-kowski,1 Dariusz Swietlik,3 Boleslaw Rutkowski,1</td>
</tr>
<tr>
<td>1Dept Nephrology, Transplantology and Internal Medicine, Medical Univ Gdansk, Gdansk, Poland; 2Dialysis Unit, Diaverum, Gdynia, Poland; 3Fac Center Medical Informatics and Biostatistics, Medical Univ Gdansk, Gdansk, Poland.</td>
</tr>
<tr>
<td><strong>MP321</strong></td>
</tr>
<tr>
<td>RENAL DISEASE IN ADULT PATIENTS WITH CYSTIC FIBROSIS</td>
</tr>
<tr>
<td>Adele Postorino,1 Stefano Costa,2 Simona Cristadoro,2 Giuseppe Magazzù,2 Guido Bellinghieri,1 Vincenzo Savica,1 Michele Buemi,1 Domenico Santoro.1</td>
</tr>
<tr>
<td>1Unit Nephrology and Dialysis, 2Unit Pediatric Gastroenterology and Cistic Fibrosis, Univ Messina, Messina, Italy.</td>
</tr>
<tr>
<td><strong>MP322</strong></td>
</tr>
<tr>
<td>RE-EVALUATION OF THE CLASSIFICATION OF MEMBRANOPROLIFERATIVE GLOMERULONEPHRITIS</td>
</tr>
<tr>
<td>Yimin Lu, Pingyan Shen, Xiao Li, Yaowen Xu, Xiaoxia Pan, Weiming Wang, Xiaonong Chen, Wen Zhang, Hong Ren, Nan Chen.</td>
</tr>
<tr>
<td>Nephrology, Rui Jin Hosp, School Medicine, Shanghai Jiaotong Univ, Shanghai, China.</td>
</tr>
<tr>
<td><strong>MP323</strong></td>
</tr>
<tr>
<td>MEMBRANOUS NEPHROPATHY AND EARLY MARKERS OF RENAL IMPAIRMENT</td>
</tr>
<tr>
<td>Branka P Mitic,1 Tatijana Cvetkovic,1 Predrag Vlahovic,2 Radmila Velickovic Radovanovic,1 Vladisav Stefanovic,1 Svetislav Kostic,1 Vidiko Djordjevic,1 1Clinic Nephrology, 2Immunological Lab, Clinical Center Nis, Fac Medicine, Univ Nis, Nis, Serbia.</td>
</tr>
<tr>
<td><strong>MP324</strong></td>
</tr>
<tr>
<td>EFFECTS AND SAFETY OF SULODEXIDE ON PROTEINURIA IN ELDERLY PATIENTS WITH CHRONIC KIDNEY DISEASE</td>
</tr>
<tr>
<td>Qiangguo Ao, Qiang Ma, Qingli Cheng, Xiaodan Wang, Sheng Liu, Ruiqin Zhang.</td>
</tr>
<tr>
<td>Geriatric Nephrology, Chinese PLA General Hosp, Beijing, China.</td>
</tr>
<tr>
<td><strong>MP325</strong></td>
</tr>
<tr>
<td>PRIMARY GLOMERULAR DISEASES IN TURKEY: MULTICENTER STUDY OF TURKISH SOCIETY OF NEPHROLOGY, GLOMERULAR DISEASES WORKING GROUP</td>
</tr>
<tr>
<td>Savas Ozturk.</td>
</tr>
<tr>
<td>Nephrology, Haseki Training and Research Hosp, Istanbul, Turkey.</td>
</tr>
<tr>
<td><strong>MP326</strong></td>
</tr>
<tr>
<td>ACCURACY OF URINARY SPOT PROTEIN TO CREATININE RATIO IN PRE-POST TREATMENT OF NEPHRITIS</td>
</tr>
<tr>
<td>Sehmus Ozmen,1,3 Davut Akin,4 Ramazon Danus,2 Mehmet E Yilmaz,1 1Nephrology, 2Dicle Univ School Medicine, Diyarbakir, Turkey; 3Nephrology, Diyarbakir Training Hosp, Diyarbakir, Turkey; 4Nephrology, Memorial Hosp, Diyarbakir, Turkey; 5Nephrology, Denizli State Hosp, Denizli, Turkey.</td>
</tr>
<tr>
<td><strong>MP327</strong></td>
</tr>
<tr>
<td>CLINICAL AND MORPHOLOGICAL FEATURES OF KIDNEY INVOLVEMENT IN PRIMARY SJOGREN SYNDROME: ABOUT 50 CASES</td>
</tr>
<tr>
<td>Saida Hajri, Samia Barbouche.</td>
</tr>
<tr>
<td>Nephrology, Charles Nicole Hosp, Tunis, Tunisia.</td>
</tr>
<tr>
<td><strong>MP328</strong></td>
</tr>
<tr>
<td>CLINICAL AND BIOCHEMICAL CORRELATES OF MICROALBUMINURIA IN NEWLY DIAGNOSED PATIENTS WITH HUMAN IMMUNODEFICIENCY VIRUS INFECTION IN SOUTHERN NIGERIA</td>
</tr>
<tr>
<td>Henry Okpa,1 Elosa Oviasu,1 Louis Ojogwu,2 1Internal Medicine, Univ Calabar Teaching Hosp, Calabar, Cross River, Nigeria; 2Internal Medicine, Univ Benin Teaching Hosp, Benin, Edo, Nigeria.</td>
</tr>
</tbody>
</table>
CORRELATION BETWEEN ANTI-PHOSPHOLIPASE A2 RECEPTOR AND ANTI-SOLUBLE PHOSPHOLIPASE A2 ANTIBODIES IN IDIOPATHIC MEMBRANOUS NEPHROPATHY
Chronic Kidney disease research center, Tabriz Univ Medical Sciences, Tabriz, East Azarbayejan, Iran.

SERVICE INNOVATION AND SAFETY OF NURSE- LED DAY CASE RE-NAL BIOPSY- ONE RENAL CENTER EXPERIENCE
Andy Stott, Asad Ullah, Hameed Anijeet, Shahed Ahmed.
Dept Nephrology, Royal Liverpool Univ Hosp, Liverpool, UK.

TACROLIMUS IN NEPHROTIC SYNDROME RESISTANT TO FIRST LINE THERAPY IN ADULTS: A PROSPECTIVE STUDY
Hs Kohli, Raja Rajachandran, Manish Rathi, Vivekanand Jha, Vinay Sakhija.
Nephrology, PGIMER, Chandigarh, India.

NON-DIABETIC RENAL DISEASE IN DIABETES MELLITUS: CLINICAL FEATURES AND RENAL BIOPSY FINDINGS
Dept Nephrology, Ankara Numune Education and Research Hosp, Ankara, Turkey.

INVESTIGATION OF HISTOLOGICAL IGG4 STAINING AND SERUM ANTI-PLA2R LEVEL IN CLINICALLY PRIMARY AND SECONDARY MEMBRANOUS NEPHROPATHY
Dóra Bajcsi,1 György Ábrahám,1 Éva Kemény,2 Sándor Sonkodi,1 Péter Légrády,1 Annamária Letóhá,1 Kypros Constantinou,1 Zoltán Ondrik,1 Béla Iványi,2 1First Dept Internal Medicine, 2Dept Pathology, Univ Szeged, Szeged, Hungary.

THE PRESENCE OF FOCAL SEGMENTAL GLOMERULOSCLEROSIS IS ASSOCIATED WITH A POOR RESPONSE TO RITUXIMAB IN ADULTS WITH IDIOPATHIC MEMBRANOUS NEPHROPATHY
Gaetano Lucisano,1 Nicola Comi,1 Paola Cianfrone,1 Chiara Summaria,1 Valentina Piraina,1 Roberta Talarico,1 Caterina Camastra,2 Giorgio Fuiano.1 1Nephrology, 2Pathology, Magna Graecia Univ, Catanzaro, Italy.

THE ROLE OF NGAL AND CYSTATIN-C ESTIMATION IN PATIENTS WITH PRIMARY GLOMERULOPATHIES
Ian Proletov, Elena Saganova, Olga Galkina, Evdokiia Bogdanova, Irina Zubina, Vasiliy Sipovskii, Alexei Smirnov.
Saint-Petersburg Pavlov State Medical Univ, Saint-Petersburg, Russian Federation.

LIPOPROTEIN GLOMERULOPATHY: AN EXCEPTIONAL DISEASE IN CAUCASIAN PEOPLE: A FRENCH CASE WITH APOLIPOPROTEIN E CHICAGO MUTATION
Elodie Bailly,3 Dominique Pierre,1 Rémy Kerdraon,2 Olivier Grezard.1 1Dept Nephrology, 2Dept Pathology, Regional Hosp Center, Orleans, France; 3Dept Nephrology and Clinical Immunology, Bretonneau Hosp, Univ Hosp, Tours, France.

MONOCLONAL GAMMOPATHY (MG) AND CHRONIC COMPLEMENT ALTERNATIVE PATHWAY DYSREGULATION: FROM GLOMERULOPATHY TO THROMBOTIC MICROANGIOPATHY (TMA).
Elisa Gnappi, Marco Delsante, Mariela Galetti, Umberto Maggiore, Lucio Manenti.
Dept Nephrology, Univ Parma, Parma, Italy.
PREVALENCE OF DIABETES MELLITUS, HYPERTENSION AND PROTEINURIA IN A RURAL AREA OF BANGLADESH
Mahmud Javed Hasan,1 Md. Abdul Muqueet.2
1Nephrology, Community Based Medical College Bangladesh, Mymensingh, Bangladesh; 2Nephrology, Mymensingh Medical College Hosp, Mymensingh, Bangladesh.

TRANSIENT RENAL IMPAIRMENT IN PRIMARY HYPOTHYROIDISM
Mamun Mostafi,1 Ismail Chowdhury,1 Wasim Mobsniul Haque,2 Tasnyer Khan.3
1Nephrology, Combined Military Hosp (CMH), Jessore, Bangladesh; 2Nephrology, Lab Aid Cardiac Hosp, Dhanmondi, Dhaka, Bangladesh; 3Medicine, Shahid Mansur Ali Medical College, Uttara, Dhaka, Bangladesh.

CLINICAL CHARACTERISTICS OF RHABDOMYOLYSIS ASSOCIATED WITH FENOVERINE
Yeo-Jin Kang, Eun Jin Bae, Hyun Seop Cho, Se-Ho Chang, Dong Jun Park.
Dept Internal Medicine, Gyeongsang National Univ Hosp, Jinju, Korea.

CALCIUM POLYSTYRENE SULFONATE IN TREATING HYPERKALEMIA PATIENTS WITH RENAL INSUFFICIENCY
Xiao Li,1 Gang Xu,2 Hongli Lin,3 Zhao Hu,4 Xueqing Yu,5 Changying Xing,6 Changlin Mei,7 Li Zuo,8 Zhaohui Ni,9 Xiaoqiang Ding,10 Detian Li,11 Nan Chen.1
1Dept Nephrology, Ruijin Hosp, School Medicine, Shanghai Jiao Tong Univ, Shanghai, China; 2Tongji Hosp, Tongji Medical College HUST, Wuhan, China; 3First Affiliated Hosp Dalian Medical Univ, Dalian, China; 4Qilu Hosp Shandong Univ, Shandong, China; 5First Affiliated Hosp Zhongshan Univ, Guangzhou, China; 6Jiangsu Province Hosp, Nanjing, China; 7Shanghai Changzheng Hosp, Shanghai, China; 8Peking Univ First Hosp, Beijing, China; 9Renji Hosp, School Medicine, Shanghai Jiaotong Univ, Shanghai, China; 10Zhongshan Hosp Fudan Univ, Shanghai, China; 11Shengjing Hosp China Medical Univ, Shenyang, China.

TREATMENT AND PROGNOSIS OF PRIMARY FOCAL SEGMENTAL GLOMERULOSCLEROSIS
Hong Ren, Pingyan Shen, Xiao Li, Xiaoxia Pan, Qianying Zhang, Xiaobei Feng, Li Lin, Wen Zhang, Nan Chen.
Dept nephrology, Rui Jin Hosp, School medicine, Shanghai Jiao Tong Univ, Shanghai, China.
IMMUNE AND INFLAMMATORY MECHANISMS

MP343
ROLE OF DENDRITIC CELL DERIVED INTERFERON-ALPHA IN THE ACTIVATION OF TUBULAR EPITHELIAL CELL IN LUPUS NEPHRITIS (LN)
Giuseppe Castellano,1 Cesira Cañiero,1 Chiara Divella,1 Fabio Sallustio,2 Margherita Gigante,1 Loreto Gesuldo.1
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MP344
REGULATORY T-CELLS MODULATE NEPHROCALCINOSIS IN MICE
Alexander H. Kirsch,1 Nicole Smaczny,2 Viktoria Riegelbauer,1 Simon Seidj,3 Alexander Hofmeister,4 Tatjana Stojakovic,5 Marianne Brodmann,2 Ernst Pilger,2 Alexander R. Rosenkranz,1 Kathrin Eller,1 Philipp Eller.2
1Internal Medicine, Clinical Div Nephrology, 2Internal Medicine, Clinical Div Angiology, 3Internal Medicine, Clinical Div Cardiology, 4Biomedical Research Labs, 5Lab Medicine, Medical Univ Graz, Graz, Austria.

MP345
PARICALCITOL EXERTS POTENT IMMUNOMODULATORY EFFECTS ON TREGS AND TH17 CELLS IN PATIENTS WITH SEVERE KIDNEY DISEASE
Pascal Meier.
Serv nephrology, Hôp Valais (CHVR), Sion, Switzerland.

MP346
ACUTE PARICALCITOL ADMINISTRATION REDUCE INFLAMMATION IN CKD PATIENTS IN VIVO AND IN VITRO
Silvia Lucisano,1 Adriana Arena,2 Valentina Donato,1 Maria Rosaria Fazio,1 Domenico Santoro,1 Michele Buemi.1
1Dept Internal Medicine, Unit Nephrology, 2Dept Clinical Microbiology, Univ Messina, Messina, Italy.

MP347
ROLE OF DNA RECOGNIZING RECEPTORS OF THE INNATE IMMUNE SYSTEM IN VIRUS ASSOCIATED GLOMERULONEPHRITIS
Markus Wörnle,1 Andrea Ribeiro,1 Simone Köppel,1 Joachim Pircher,2 Thomas Czermak,2 Monika Merkle.1
1Nephrological Center, Medical Clinic and Polyclinic IV, 2Walter Brendel Center Experimental Medicine, Univ Munich, Munich, Germany.

MP348
CATHEPSIN S INHIBITION ABROGATES IMMUNE COMPLEX GLOMERULONEPHRITIS
Khader Valli Rupanagudi,1 Onkar P Kulkarni,1 Julia Lichtnekert,1 Murthy N Darisipudi,1 Shrikant R Mulay,1 Brigitte Schott,2 Guido Hartmann,2 Hans-Joachim Anders.1
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MP349
THE URAEMIC TOXIN INDOXYLSULFATE INDUCES LEUKOCYTE-ENDOTHELIAL ADHESION AND INDUCES IMPAIRED BLOOD FLOW IN THE RAT PERITONEAL MICROCRYSTALIZATION.
Anneleen Pletinck, Griet Glorieux, Eva Schepers, Maria Van Landschoot, Sunny Eloot, Wim Van Biesen, Raymond Vanholder.
Nephrology Section, Ghent Univ Hosp, Ghent, Belgium.

MP350
THE ROLE OF OBESITY AND ADAPTER MOLECULE MYD88 IN THE SEVERITY OF ACUTE KIDNEY INJURY INDUCED BY EXPERIMENTAL SEPSIS
Angela Castoldi,1 Vinicius Andrade Oliveira,1 Mariane Tami Amano,1 Cristiane Faveri Aguiar,1 Andrea Caricilli,1 Pedro Manoel Vieira,1 Marina Burgos,1 Meire Hiyan,1 William Festuccia,3 Niels Olsen Saraiva Câmara.1,2 Immunology, Univ Sao Paulo, Sao Paulo, Sao Paulo, Brazil; 2Nephrology, Federal Univ Sao Paulo, Sao Paulo, Sao Paulo, Brazil; 3Fisiology and Biophysics, Univ Sao Paulo, Sao Paulo, Sao Paulo, Brazil.
MP351
INTRAGLOMERULAR ACTIONS OF MACROPHAGE MIGRATION INHIBITORY FACTOR (MIF) IN CRESCENTIC GLOMERULONEPHRITIS
Sonja Djudjaj,1,2 Song Rong,1 Hongqi Lue,3 Arpit Baijal,1,2 Barbara M. Klinkhammer,1 Marcus J. Moeller,1 Jürgen Floege,1 Jürgen Bernhagen,3 Tammo Ostendorf,1,2 Peter Boor,1,2
1Div Nephrology, 2Inst Pathology, 3Dept Biochemistry and Molecular Cell Biology, RWTH Univ, Aachen, Germany.

MP352
IMMUNOMODULATORY ROLE OF THE TNFα / TNF RECEPTOR SYSTEM IN HEPATITIS C ASSOCIATED GLOMERULONEPHRITIS
Markus Wörnle, Andrea Ribeiro, Simone Köppel, Monika Merkle.
Medical Clinic and Polyclinic IV, Univ Munich, Munich, Germany.

MP353
UREMIC TOXIN TRANSCRIPTIONALLY UP-REGULATES ENDOTHELIAL E-SELECTIN VIA ARYL HYDROCARBON RECEPTOR
Shunsuke Ito,1,2 Rieko Aoki,2 Katsuhiko Hamada,1 Takeo Edamatsu,2 Yoshisharu Itoh,2 Mizuko Osaka,1 Masayuki Yoshida.1
1Tokyo Medical and Dental Univ, Tokyo, Japan; 2Kureha Corporation, Tokyo, Japan.

MP354
IGG4 IN CHRONIC PERIAORTITIS
Elena Oliva, Federica Mariati, Alessandra Palmisano, Federico Alberici, Carlo Buzio, Augusto Vaglio.
Dept Clinical Medicine and Nephrology, Univ Hosp Parma, Parma, Italy.

MP355
EXPRESSION OF TOLL-LIKE RECEPTORS, CATHELICIDIN AND MCP-1 IN HEMODIALYSIS PATIENTS WITH VITAMIN D DEFICIENCY
Caren Cristina Grabulosa,1 Edgar Ferreira Cruz,1 Jose Tarcisio Giffoni Carvalho,1 Silvia Regina Manfredi,1 Maria Eugenia Canziani,1 Lilian Croupari,1 Beata Marce Redubre Quinto,1 Marcelo Batista,2 Miguel Cendoroglo,2 Maria Aparecida Dalboni.1
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MP356
ROLE OF RECEPTORS OF THE INNATE IMMUNE SYSTEM IN GLOMERULAR FIBRIN DEPOSITION, FIBROSIS AND MATRIX METABOLISATION
Markus Wörnle, Andrea Ribeiro, Monika Merkle.
Nephrological Center, Medical Clinic and Polyclinic, Univ Munich, Munich, Germany.

MP357
IS THERE ANY RELATIONSHIP BETWEEN SEROLOGICAL RESPONSIVENESS TO THE EBV VIRUS ANTIGENS AND SERUM LEVELS OF MANNOSE BINDING LECTIN IN PATIENTS WITH LUPUS NEPHRITIS AND PRIMARY GLOMERULONEPHRITIDES?
Zofia I Niemir,1 Anna Swierzko,2 Magdalena Polcy-Czamczak,1 Maciej Cedzynski,2 Anna Sokolowska,1 Agnieszka Szala.2
1Dept Nephrology, Univ Medical Sciences, Poznan, Poland; 2Inst Medical Biology, Polish Academy of Sciences, Lodz, Poland.

MP358
CD4+ AND CD8+ T CELLS EXERT REGULATORY PROPERTIES DURING EXPERIMENTAL ARISTOLOCHIC ACID NEPHROPATHY
Thomas E.R. Baudoux,1,2 Jean-Michel Houaardy,1,2 Agnieszka A Pozdzik,1,2 Marie-Hélène Antoine,1,2 Cécile Husson,1 Eric De Prez,1 Joëlle L. Nortier,1,2
1Lab Experimental Nephrology, Univ Libre Bruxelles (ULB), Fac Medicine, Brussels, Belgium; 2Nephrology Dept, Erasme Hosp, Univ Libre de Bruxelles (ULB), Brussels, Belgium.

MP359
THE NEW IMMUNOSUPPRESSIVE DRUG FTY720 ATTENUATES TUBULOINTERSTITIAL INFLAMMATION AND FIBROSIS IN 5/6 NEPHRECTOMIZED RATS
Hai-Feng Ni, Jun-Feng Chen, Ming-Hui Zhang, Ping-Ming Pan, Bi-Cheng Liu.
Southeast Univ, Inst Nephrology, nanjing, China.
MP360
EFFECTS OF CYCLOSPORINE A AND RAPAMYCIN ON PRO-INFLAMMATORY CYTOKINE PRODUCTION BY DENDRITIC CELLS IN VITRO
Maja Machcinska,1 Katarzyna Bocian,1 Grazyna Korczak-Kowalska.1,2
1Dept Immunoimmunology, Fac Biology, Univ Warsaw, Warsaw, Poland; 2Transplantation Inst, Medical Univ Warsaw, Warsaw, Poland.

MP361
THE ROLE OF ADIPONECTIN IN ACUTE KIDNEY INJURY
Mariane Tami Amano, Angela Castoldi, Vinicius Andrade-Oliveira, Marina Burgos Da Silva, Mariana Y S Miyagi, Niels Olsen Camara.
Univ Sao Paulo, Sao Paulo - SP, Brazil.

MP362
EXPRESSION AND ROLE OF CEBP SUBTYPES IN CHRONIC KIDNEY DISEASE
Lili Xu, Yuanmeng Jin, Fang Zhong, Jian Liu, Qing Dai, Weiming Wang, Nan Chen.
Dept Nephrology, Ruijin Hosp, Shanghai Jiaotong Univ, School Medicine, Shanghai, China.

MP363
APOLIPOPROTEIN A-II AMYLOIDOSIS (AApoAII) IS ASSOCIATED WITH KIDNEY AGING AND INCREASED Expression OF INFLAMMASOME RELATED MOLECULES IN CD-1 MICE
Fabrizio Grosjean,1 Carla Tribioli,2 Vittoria Esposito,1 Davide Catucci,1 Grace Azar,2 Massimo Torreggiani,1 Giampaolo Merlini,3 Ciro Esposito.1
1U.O. Nephrology and Dialysis, Fond IRCCS Salvatore Maugeri, Pavia, Italy; 2Inst Molecular Genetics, C.N.R., Pavia, Italy; 3Biotechnology Labs, Fond IRCCS Policlinico San Matteo, Pavia, Italy.

MP364
DISTINCT IMMUNOLOGIC EFFECTS OF INDIVIDUAL I.V. IRON FORMULATIONS ON MONOCYTES
Lisa H Fell, Adam M Zawada, Kyrill S Rogacev, Sarah Seiler, Danilo Fliser, Gunnar H Heine.
Internal Medicine IV - Nephrology and Hypertension, Saarland Univ Medical Center, Homburg, Germany.

MP365
CLINICAL SIGNIFICANCE OF HEAT SHOCK PROTEIN 70 (HSP-70) SERUM LEVEL IN PATIENTS WITH CHRONIC GLOMERULONEPHRITIS
Natalia Neprintseva, Natalia Tchebotareva, Irina Bobkova, Lidiya Kozlovskaya.
I.M. Sechenov First Moscow State Medical Univ, Moscow, Russian Federation.

MP366
CARDIORENAL SYNDROME TYPE 1: INFLAMMATORY EFFECTS ON RENAL TUBULAR CELLS
Gm Virzi,1,2 A Brocca,1,2 M De Cal,1,2 C Bolin,3 G Vescovo,3 C Ronco.1,2
1International Renal Research Inst Vicenza - IRRIV, Vicenza, Italy; 2Nephrology, 3Internal Medicine, S. Bortolo Hosp, Vicenza, Italy.

MP367
IN-DEPTH ANALYSIS OF KIDNEY AGING IN HEALTHY RATS
Andreas Fuchs,1 Kathrin Eidenschink,1 Andreas Steege,1 Claudia Fellner,2 Cornelius Bollheimer,3 Wolfram Gronwald,4 Josef Schroeder,5 Bernhard Banas,1 Miriam C Banas.1
1Nephrology, 2Radiology, Univ Hosp Regensburg, Regensburg, Germany; 3Biomedicine and Aging, Univ Erlangen/ Nuernberg, Nuernberg, Germany; 4Functional Genomics, 5Pathology, Univ Regensburg, Regensburg, Germany.

MP368
DOES FGF23 CONTRIBUTE TO CKD-ASSOCIATED IMMUNE DYSFUNCTION?
Adam M Zawada, Aurelia Luthe, Sarah Seiler, Kyrill S Rogacev, Danilo Fliser, Gunnar H Heine.
Internal Medicine IV - Nephrology and Hypertension, Saarland Univ Medical Center, Homburg, Germany.
MP369
TREATMENT OF ERDHEIM-CHESTER SYNDROME: INTERFERON-ALPHA AND FUTURE PERSPECTIVES
Domenico Trimboli,1 Giorgio Graziani,2 Julien Haroche,3 Rosaria Lupica,1 Maria Rosaria Fazio,1 Silvia Lucisano,1 Valentina Donato,1 Valeria Cernaro,1 Gaetano Montalto,1 Giuseppina Pettinato,1 Michele Buemi,1 1Internal Medicine, Univ Messina, Messina, Italy; 2Internal Medicine, Div Nephrology, Humanitas IRCCS, Rozzano, Milan, Italy; 3Internal Medicine, Hôp Pitié-Salpêtrière, Paris, France.

MP370
THE ROLE OF INFLAMMATION IN THE PATHOGENESIS OF CARDIORENAL SYNDROME IN A RAT MYOCARDIAL INFARCTION MODEL
Korea Univ Hosp, Seoul, Korea.
EXTRACORPOREAL DIALYSIS: TECHNIQUES AND ADEQUACY - B

MP371
HEMODIALYSIS TO ONLINE-HEMODIAFILTRATION CHANGE IS ASSOCIATED TO A DECREASE IN CIRCULATING CELL-FREE DNA LEVELS
Michaela Kohlova,1 Sandra Ribeiro,2,3 Maria Do Sameiro-Faria,4,5 Petronila Rocha-Pereira,3,6 João Fernandes,1,3 Flávio Reis,1 Vasco Miranda,5 Alexandre Quintanilha,5,4 Elsa Bronze-Da-Rocha,2,3 Luís Belo,2,3 Elísio Costa,2,3 Alice Santos-Silva,2,3
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MP372
SENSITIVITY OF BLOOD VOLUME MONITORING FOR FLUID STATUS ASSESSMENT
Marta Arias-Guillen, Francisco Maduell, Elisabet Masso, Nestor Fontseré,Montserrat Carrera, Raquel Ojeda, Manel Vera, Aleix Cases, Josep Maria Campistol.
Nephrology and Renal Transplantation, Hosp Clinic Barcelona, Barcelona, Spain.

MP373
FLUID BALANCE EVALUATION IN A LARGE POPULATION OF HEMODIALYZED PATIENTS
Attilio Di Benedetto,1 Annalisa Ciotola,1 Stefano Stuard,2 Daniele Marcelli,2 Bernard Canaud,2
1NephroCare Italy, Naples, Italy; 2Fresenius Medical Care, Bad Homburg, Germany.

MP374
RELIABLE ESTIMATION OF DRY WEIGHT IN HEMODIALYSIS PATIENTS BY THE BIOELECTRICAL IMPEDANCE ANALYSIS
Moon-Jae Kim, Sw Lee, Sh Kweon, Jh Song.
Kidney Center, Inha Univ Hosp, Incheon City, Korea.

MP375
RELATIONSHIP BETWEEN Calf AND WHOLE BODY FLUID VOLUME IN HEALTHY SUBJECTS MEASURED BY MULTIFREQUENCY BIOIMPEDANCE SPECTROSCOPY
Laura M Rosales, Samer Abbas, Fansan Zhu, Cesar Flores, Mary Carter, Rebecca Apruzzese, Peter Kotanko, Nathan W Levin.
Renal Research Inst, New York, NY, USA.

MP376
SALT AND WATER BALANCE IN HEMODIALYSIS
Helmut Mann,1 Günter Seyffart,2 Alfred Ensminger,2 Tugçe Göksel,1 Siegfried Stiller,1
1Inst Applied Nephrology (INTERNEPH), Aachen, Germany; 2Dialysis Center Bad Homburg, Bad Homburg, Germany.

MP377
WHAT VOLUME EXCESS, TOTAL BODY WATER (TBW), EXTRACELLULAR BODY WATER (ECW) AND INTRACELLULAR BODY WATER (ICW) DEPEND ON IN CRITICALLY ILL PATIENTS?
Wojciech Zaluska,1 Edyta Kotlińska-Hasiec,2 Ziemowit Rzecki,2 Beata Rybojad,3 Alixza Zaluska,4 Wojciech Dąbrowski,2
1Dept Nephrology, 2Anaesthesiology and Intensive Care, 3Paediatric Anaesthesiology and Intensive Care, 4Rehabilitation and Physiotherapy, Medical Univ Lublin, Lublin, Poland.

MP378
FLUID MANAGEMENT IN HEMODIALYSIS: CONVENTIONAL CLINICAL MANAGEMENT VS. BODY COMPOSITION MONITORING (BCM) SUPPORTED MANAGEMENT OF OVERHYDRATED PATIENTS
Pedro Ponce,1 Tieu Chung,2 Ursula Kreuzberg,2
1FMC National Dialysis Center Lumiar, Lisboa, Portugal; 2Fresenius Medical Care Deutschland, Bad Homburg, Germany.
MP379
PRELIMINARY RESULTS OF HIGH-EFFICIENCY ON-LINE MIXED HEMODIAFILTRATION IN A DIALYSIS CENTRE NETWORK IN ITALY (NEPHROCARE)
Luciano A Pedrini,1 on behalf of Nephrocare Study Group on Hdf.2
1Nephrology and Dialysis, Bolognini Hosp, NephroCare, Seriate, Italy; 2Dialysis Centres, NephroCare, Neaples, Italy.

MP380
A RETROSPECTIVE COHORT STUDY OF HEPARIN-FREE INTERMIT-TENT HEMODIALYSIS (IHD) COMBINING HEPARIN-COATED AN69ST MEMBRANES (EVDIAL®) AND CITRATE-ENRICHED DIALYSATE (CI-TRASATE®) IN AN INTENSIVE CARE SETTING
Karlien François,1 Karl Martin Wissing,1 Rita Jacobs,2 Dries Boone,1 Kristine Jacobs,1 Christian Tielemans.1
1Dept Nephrology, 2Dept Intensive Care, Univ Ziekenhuis Brussel, Brussels, Belgium.

MP381
A NOVEL MODEL DESCRIBING POTASSIUM KINETICS DURING HAE-MODIALYSIS: RESULTS FROM THE HEMO STUDY
Baris U Agar,1 Bruce F Culleton,1 Richard Fluck,2 John K Leyboldt.1
1Medical Products, Baxter Healthcare Corporation, Deerfield, Illinois, USA; 2Dept Renal Medicine, Royal Derby Hosp, Derby, UK.

MP382
DRY WEIGHT, SYSTOLIC BLOOD PRESSURE AND INTIMA-MEDIA THICKNESS PREDICT BRAIN NATRIURETIC PEPTIDE LEVELS IN HEMODIALYSIS PATIENTS
Paolo Lentini,1 Luca Zanoli,2 Antonio Granata,3 Andrea Contestabile,1 Anna Basso,1 Graziella Berlingo,1 Valentina Pellanda,1 Massimo De Cal,4 Anna Clementi,3 Monica Insalaco,3 Roberto Dell’aquila.1
1Nephrology, S. Bassiano Hosp, Bassano Del Grappa (Vi), Italy; 2Univ Ca-tania, Catania, Italy; 3S. Giovanni Di Dio Hosp, Agrigento, Italy; 4S. Bortolo Hosp, Vicenza, Italy.

MP383
ON-LINE HEMODIAFILTRATION AND ESA RESISTANCE: ROLE OF HEPcidIN. RESULTS FROM THE REDERT STUDY.
Vincenzo Panichi,1 Alberto Rosati,2 Aldo Casani,3 Paolo Conti,4 Alessandro Capitanini,5 Massimiliano Migliori,1 Alessia Scatena,1 Riccardo Giusti,2 Erasmio Malagunno,2 Giancarlo Betti,2 Giada Bernabini,4 Claudio Gabbielli,4 Stefania Rollo,5 David Caiani,6 Francesco Pizzarelli,6
1Nephrology and Dialysis, Versilia Hosp, Lucca, Italy; 2Nephrology and Dialysis, Lucca, Italy; 3Nephrology and Dialysis, Carrara, Italy; 4Nephrology and Dialysis, Grosseto, Italy; 5Nephrology and Dialysis, Pistoia, Italy; 6Nephrology and Dialysis, Firenze, Italy.

MP384
HIGH CUT-OFF HEMODIALYZERS EFFICIENTLY REMOVE IMMUNOGLOBULIN FREE LIGHT CHAINS AND REDUCE TUBULAR INJURY INDUCED BY PLASMA OF PATIENTS WITH MULTIPLE MYELOMA
Nephrology, Dialysis and Kidney Transplantation Unit, Univ Torino, Torino, Italy.

MP385
HEMOCONTROL SYSTEM IN ON-LINE HEMODIAFILTRATION (OLHDF): “THE SOCRATHE STUDY” ON SODIUM BALANCE
Alessandro Surace,1 Maddalena Pieri,1 Paolo Rovatti,1 Denis Steckiph,2 Emnauele Mambellì,3 Elena Mancini,3 Antonio Santoro.3
1Gambro Dasco S.p.A., Modena, Italy; 2Gambro Hospal S.p.A., Bologna, Italy; 3Policlinico S.Osroala-Malpighi, Bologna, Italy.
MP386  INCREASE OF PLASMA IONIC STRENGTH FOR IMPROVED REMOVAL OF PROTEIN BOUND UREMIC TOXINS
Eric Devine,1 Detlef H Krieter,2 Horst-Dieter Lemke.1 1eXcorLab GmbH, Obernburg, Germany; 2Nephrology, Univ Hosp Würzburg, Würzburg, Germany.

MP387  POST-DILUTION HEMODIAFILTRATION WITH A POLYACRYLONITRIL MEMBRANE GRAFTED WITH HEPARIN USING DIFFERENT ANTICOAGULATION SCHEDULES.
Giovanni M Frascà, Sibilla Sagripanti, Rolando Boggi, Goffredo Del Rosso, Andrea Gattiani, Giovanni Mosconi, Simonetta Oliva, Angelo Rigotti, Franco Sopranzi. Nephrology, Osp Riuniti, Ancona, Italy.

MP388  CHARACTERIZATION OF miRNA CONTENT IN CIRCULATING MICROWESICLES DERIVED FROM DIALYTIC PATIENTS
Ciro Tetta,1 Claudia Cavallari,1 Valentina Fonsato,1 Stefano Maffe,2 Federica Collino,1 Giovanni Caussu.3 1Translation Centre Regenerative Medicine EMEA LA Medical Board, Fresenius Medical Care, Turin, Italy; 2SCDO Nefrologia Dialisi, ASO C.T.O./M. Adelaide, Turin, Italy; 3Dept Medical Sciences, Univ Torino, Turin, Italy.

MP389  QUANTIFICATION OF CALCIUM REMOVAL DURING ONE WEEK CYCLE OF HEMODIALYSIS BY EQUIVALENT CONTINUOUS CLEARANCE
Andrzej Ksiazeck,1 Jacek Waniwski,1 Malgorzata Debowska,1 Alicja Wojcik-Zaluska,2 Wojciech Zaluska.3 1Dept Mathematical Modelling of Physiological Processes, Inst Biocybernetics and Biomedical Engineering, Warsaw, Poland; 2Dept Physical Therapy and Rehabilitation, 3Dept Nephrology, Medical Univ Lublin, Lublin, Poland.

MP390  ELIMINATION OF THE MIDDLE SIZE MOLECULES BY THE FXCORDIAX 60 IN RELATION TO THE FX 60-DIALYZER
Francisco Maduell,1 Paul Wieneke,2 Marta Arias-Guillen,1 Nestor Fontsere,1 Manel Vera,1 Raquel Ojeda,1 Montserrat Carrera,1 Aleix Cases,1 Josep Maria Campistol.1 1Nephrology and Renal Transplantation, Hosp Clinic Barcelona, Barcelona, Spain; 2Fresenius Medical Care Deutschland GmbH, Bad Homburg, Germany.

MP391  REDUCTION OF HEPARIN AND OXIDATIVE STRESS USING CITRATE ENRICHED DIALYSATE IN HIGH-FLUX DIALYSIS
Johannes Bunia,1 Reinhard. Ziebig,2 Hartmut Wolf,3 Peter Ahrenholz.4 1Dialyse- u. Apherese Zentrum, Iserlohn, Germany; 2Inst Laboratoriumsmund Pathobiocchemie, Charite’- Universitatsmedizin, Berlin, Germany; 3Biomedical Consulting, Hohen Neuendorf, Germany; 4BioArtProducts GmbH, Rostock, Germany.

MP392  PROTEOMIC EVALUATION OF LOW- AND HIGH-FLUX HEMODIALYSIS
Carlo Donadio, Angeliki Kanaki, Nadia Sami, Danika Tognotti. Clinical and Experimental Medicine, Univ Pisa, Pisa, Italy.

MP393  AKI SECONDARY TO SEVERE RHABDOMYOLYSIS IN A KIDNEY RECIPIENT: BENEFICIAL EFFECT OF THE SUPER HIGH-FLUX DIALYSIS MEMBRANE THERALITE®
Ahmed Goubella,1,2 Fabrice Gankam-Kengne,1,2 Thomas E R. Baudoux,1,2 David Fagnoul,3 Cécile Husson,2 Lidia Ghisdal,1 Nilufer E Broeders,1 Joelle L Nortier.1,2 1Nephrology Dept, Erasme Hosp, Brussels, Belgium; 2Lab experimental nephrology, Fac Medicine, Univ Libre Bruxelles, Brussels, Belgium; 3Intensive Care Unit, Erasme Hosp, Brussels, Belgium.
MP394
IN-VIVO β-2 MICROGLOBULIN CLEARANCE IN HIGH-FLUX HD & HDF
B Von Albertini,1 C Mathieu,1 A Cherpillod,1 A Boesch,1 M Romo.2
1Clinique Cecil, Lausanne, Switzerland; 2Unilabs, Lausanne, Switzerland.

MP395
AN IMMUNOADSORPTION DEVICE FOR MYOGLOBIN REMOVAL
Jianhui Zhou, Li Tang, Deyang Kong, Li Zhang, Suozhu Shi, Yang Lv, Xiang-mei Chen.
Dept Nephrology, State key Lab Kidney Disease, Bejing, China.

MP396
WHAT IS THE MOST SUITABLE BIOMARKER FOR EVALUATION OF CHARACTERISTICS AND BENEFITS OF HDF?
Kenji Sakurai,1 Takeshi Saito,1 Daisuke Ishii.2
1Hashimoto Clinic, Hashimoto Sagamihara, Kanagawa, Japan; 2Dept Urology, Kitasato Univ Hosp, Kitasato Sagamihara, Kanagawa, Japan.

MP397
HIGH FLUX HEMODIALYSIS WITH NEW MEMBRANES IS AS EFFICIENT AS HEMODIAFILTRATION FOR MIDDLE WEIGHT MOLECULES EXTRACITION
Patrick Fievet,1 Alexia Delpierre,1 Justine Faucher,1 Abderrahmane Ghazali,1 Oumeria Nadia Soltani,1 Magali Lefèvre,2 Robin Stephan,2 Renato Demontis.1
1Nephrologie Hemodialyse, 2Lab Biologie, Group Hosp Sud Oise (Creil-Senlis), Creil, France.

MP398
MAJOR DISCREPANCIES BETWEEN THP-1 BIOASSAY AND LAL ASSAY FOR THE ULTRAPURITY DEFINITION OF DIALYSIS FLUID
Jean-Michel Hougardy,1,2 Cécile Husson,2 Karine Gastaldello,1 Joelle L. Notier.1,2
1Nephrology, Clinique Univ Hôp Erasme, Brussels, Belgium; 2Lab Experimental Nephrology, Fac Medicine, ULB, Brussels, Belgium.

MP399
CONTROLLING THE UF RATE OF A NOVEL HDF MODULE BY ALTERING DIALYSATE FLOW (QD) ON STANDARD HD EQUIPMENT
Gary J Mishkin,1 Andre Mclean,2 Carlos Palant.2
1MiriMedical, LLC, Potomac, MD, USA; 2Renal, Washington DC VA Medical Center, Washington, DC, USA.

MP400
REMOVAL OF MIDDLE MOLECULAR WEIGHT MOLECULES IN HIGH-FLUX HEMODIALYSIS: A NEW EVALUATION METHOD
Patrick Fievet, Justine Faucher, Alexia Delpierre, Abderrahmane Ghazali, Renato Demontis.
Nephrologie Hemodialyse, Group Hosp Sud Oise (Creil-Senlis), Creil, France.

MP401
LOOKING FURTHER THAN ENDOOTOXIN: A COMPARATIVE STUDY OF PYROGEN RETENTION BY ULTRAFILTERS APPLIED FOR PREPARATION OF STERILE DIALYSIS FLUID.
Griet Glorieux,1 Michael Hulkko,2 Rose Speidel,2 Katrin Brodbeck,2 Bernd Krause,2 Raymond Vanholder.1
1Renal Div, Univ Hosp Ghent, Ghent, Belgium; 2Research & Development, Gambro Dialysatoren GmbH, Hechingen, Germany.

MP402
PATIENT HEART SIGNAL EXTRACTION FROM DIALYSIS SESSIONS PRESSURE DATA
P. Rovatti,1 E. Grandi,1 D. Stefani,1 M. Ruffo,1 K. Solem,2 B. Olde,2 A. Santoro,3 G. Sterner.4
1Gambro Dasco, Medolla, Italy; 2Gambro Lundia, Lund, Sweden; 3Malpighi Hosp, Bologna, Italy; 4Univ Hosp, Malmö, Sweden.
MOnday, May 20

POSTERS

MP403
THE EFFECT OF NAFAMOSTAT MESILATE IN PROLONGING FILTER PATENCY WITH PATIENTS ON CONTINUOUS RENAL REPLACEMENT THERAPY
Yong Kyu Lee,1 Hae Won Lee,2 Kyu Hun Choi,2 Beom Seok Kim.2
1Nephrology Div, Dept Internal Medicine, NHIC Ilsan Hosp, Goyang, Korea; 2Nephrology Div, Dept Internal Medicine, Severance Hosp, College Medicine, Seoul, Korea.

MP404
IS ON-LINE HDF THE BEST STRATEGY FOR RESTLESS LEGS SYNDROME IN DIALYSIS PATIENTS?
Kenji Sakurai,1 Takeshi Saito,1 Yasuhisa Wakabayasi.2
1Hashimoto Clinic, Hashimoto Sagamihara, Kanagawa, Japan; 2Nephrology, Kitasato Inst Hosp, Shirogane Minato, Tokyo, Japan.

MP405
HEMODIALYSIS DURATION, DIALYSIS MODALITY AND PARAMETERS OF ADEQUACY AND CARDIOVASCULAR MORBIDITY
Nephrology Dept, Zvezdara Univ Medical Center, Belgrade, Serbia.

MP406
HYPOPHOSPHATEMIC EFFECT OF BICARBONATE BUFFERED DIALYSIS FLUID CONTAINING SUCCINATE AND HYDROCHLORIC ACID
Roman V. Golubev.
1Saint Petersburg Pavlov State Medical Univ, Saint Petersburg, Russian Federation; 2Scientific and Production Association Nephron, Saint Petersburg, Russian Federation.

MP407
CITRATE ANTICOAGULATION FOR CONTINUOUS RENAL REPLACEMENT THERAPY IN NEONATES WITH ACUTE KIDNEY INJURY
Jolanta Sołtysiak, Anna Malke, Alfred Warzywoda, Andrzej Blumczyński, Małgorzata Szawiel-Dittmar, Anna Musielak, Danuta Ostalska-Nowicka, Jacek Zachwieja.
Dept Pediatric Cardiology and Nephrology, Poznan Univ Medical Science, Poznan, Poland.

MP408
USE OF LOW MOLECULAR WEIGHT HEPARINS IN LONG NOCTURNAL HEMODIALYSIS
Rachel Ashcroft, Gail Williams, Chris Brown, James Chess, Ashraf Mikhail.
Nephrology, Morriston Hosp, Swansea, UK.

MP409
CALCIUM MASS BALANCES IN ON-LINE HDF USING CITRATE-CONTAINING ACETATE-FREE AND REGULAR DIALYSIS CONCENTRATES.
Denis Steckiph,1 Andrea Bertucci,1 Michele Petrarulo,2 C Baldini,3 Giovanni Calabrese,4 Marco Gonella.4
1Gambro Hospal s.p.a., Bologna, Italy; 2Renal Stones Lab, Mauriziano Hosp, Torino, Italy; 3Biochemical and Clinic Lab, 4Nephrology and Dialysis Unit, S. Spirito Hosp, Casale Monferrato, Italy.
MP410
CRP AS AN INDICATOR OF INFLAMMATION IN PATIENTS WITH LOW AND HIGH PERITONEAL PERMEABILITY AND ITS RELATION WITH CAROTID ATHEROSCLEROSIS
Nephrology Dept, Diskapi Yildirim Beyazit Training and Research Hosp, Ankara, Turkey.

MP411
RADIOLOGICAL INSERTION OF TENCKHOFF CATHETERS FOR PERITONEAL DIALYSIS: A ONE YEAR SINGLE CENTRE EXPERIENCE
Trung Quach,1 Peter Tregaskis,1 Solomon Menahem,1 Jim Koukounaras,2 Nigel Mott,2 Rowan Walker.1
1Dept Renal Medicine, 2Dept Radiology, Alfred Hosp, Melbourne, Victoria, Australia.

MP412
VIDEO-LAPAROSCOPIC REVISION OF MALFUNCTIONING PERITONEAL CATHETERS IS COST-EFFECTIVE IN CONFRONT TO HAEMODIALYSIS
Matthias Zeiler,1 Stefano Santarelli,1 Giorgio Degano,2 Tania Monteburini,1 Rosa M Agostinelli,1 Rita Marinelli,1 Emilio Ceraudo.2
1Nephrology, 2General Surgery, Osp Carlo Urbani, Jesi, Italy.

MP413
CREATININE TRANSPORT ACROSS CHEMICAL MODIFIED PERITONEAL MEMBRANE IN VITRO – INFLUENCE OF HYALURONAN
Teresa Grzelak, Marta Kramkowska, Marcellina Walczak, Krystyna Czyzewskas.
Chemistry and Clinical Biochemistry, Poznan Univ Medical Sciences, Poznan, Poland.

MP414
TECHNICAL SURVIVAL IN PERITONEAL DIALYSIS PATIENTS: QUALITY OF LIFE AND OTHER RELATED FACTORS
Ibrahim Gûney,1 Kültüg Türkmen,2 Raziye Yazıcı,1 Şevket Arslan,1 Lütfülah Altıntepê,1 Mehdi Yeksan.3
1Nephrology Dept, Konya Research and Training Hosp, Konya, Turkey; 2Nephrology Dept, Mengucek Gazi Training and Research Hosp, Erzincan Univ, Erzincan, Turkey; 3Nephrology Dept, Univ Necmettin Erbakan, Meram Medical Fac, Konya, Turkey.

MP415
PERITONEAL DIALYSIS – RISK FACTOR FOR GLYCEMIC VARIABILITY
Cristina Vaduva,1 Simona Popa,2 Maria Mota,2 Eugen Mota.3
1Haemodialysis Center, Emergency Hosp Craiova, Craiova, Romania; 2Clinical Centre Diabetes, Nutrition, Metabolic Diseases, 3Nephrology Dept, Univ Medicine and Pharmacy Craiova, Craiova, Romania.

MP416
HYPONATRAEMIA PREDICTS 1-YEAR MORTALITY IN STABLE PERITONEAL DIALYSIS PATIENTS.
Wan Ahmad Hafiz Wan Md Adnan,1 Nur Lisa Zaharan.2
1Nephrology Unit, Dept Medicine, 2Pharmacology Dept, Fac Medicine, Univ Malaya, Kuala Lumpur, Malaysia.

MP417
SAVING DAMAGED PERITONEAL CATHETERS WITH THE REPAIR-KIT
Mercedes Moreiras-Plaza, Raquel Blanco-Garcia, Laura Beato-Coo, Cynthia Cossio-Aranibar, Isabel Martin-Baez.
Nephrology, Complexo Hosp Univ Vigo, Vigo, Spain.

MP418
PROTEIN NITROGEN APPEARANCE: HOW TO NORMALIZE AND WHICH TARGET?
Maria Teresa Santos,2 Isabel Fonseca,1 Olivia Santos,1 Pedro Aguiar,1 Maria João Rocha,1 Maria João Carvalho,1 António Cabrita,1 Anabela Rodrigues.1
1Nephrology, Hosp Santo António, Porto, Portugal; 2Nephrology, IPO Porto, Porto, Portugal.
MP419
METABOLITE PROFILING OF PREITONEAL DIALYSIS EFFLUENT BETWEEN LOW AND HIGH-AVERAGE TRANSPORT PATIENT: A PILOT STUDY
Zhiyong Guo, Xueli Lai.
Dept Nephrology, Changhai Hosp, Shanghai, China.

MP420
LONG-TERM EXPERIENCE WITH PERCUTANEOUSLY PERITONEAL CATHER PLACEMENT
Dept Nephrology, Democritus Univ Thrace, Univ Hosp Alexandroupolis, Greece, Alexandroupolis, Evros, Greece.

MP421
INCIDENCE AND RISK FACTORS OF INFECTIOUS PERITONITIS IN PERITONEAL DIALYSIS PATIENTS: A SWISS SINGLE CENTER EXPERIENCE
Nima Vakilzadeh, Menno Pruijm, Michel Burnier, Georges Halabi.
Nephrology, Univ Hosp Lausanne (CHUV), Lausanne, Switzerland.

MP422
ANURIA: THE VILLAGIN QUALITY OF LIFE AND SEXUAL DYSFUNCTION IN PERITONEAL DIALYSIS PATIENTS?
Pedro Azevedo, Olivia Santos, Maria J Carvalho, António Cabrita, Anabela Rodrigues.
Nephrology Dept, Centro Hosp Porto (CHP-HSA), Porto, Portugal.

MP423
PERITONEAL DIALYSIS (PD): IS THE AGEING POPULATION REALLY A BARRIER IN EUROPE?
Suzanne Laplante,1 Peter Rutherford.2
1EMEA Health Outcomes, Baxter Healthcare Corporation, Braine l’Alleud, Belgium; 2EMEA Medical Affairs, Baxter Healthcare Corporation, Zurich, Switzerland.

MP424
OPTIMIZATION PERITONEAL DIALYSIS TREATMENT
Evgeny Shutov,1 Alina Isachkina,2 Elena Gorelova.1
1Clinical Hosp named after S.P. Botkin, Moscow, Russian Federation; 2North-Western State Medical Univ named after I.I. Mechnikov, St. Petersburg, Russian Federation.

MP425
PERITONEAL REABSORPTION WITH THE PROLONGED PERITONEAL TEST FROM 4 TO 8 HOURS WITH GLUCOSE 1,36%, 2,27% AND 3,86%.
Maria-Isabel Troya, Josep Teixidó, Guillermo Pedreira, Milagros Del Rio, Ramón Romero, Josep Bonet.
Nephrology, Hosp Univ Germans Trias i Pujol, Badalona, Barcelona, Spain.

MP426
ZINC TRANSPORTER 7 INDUCED BY HIGH GLUCOSE ATTENUATES EPITHELIAL-TO-MESENCHYMAL TRANSITION OF PERITONEAL ME-THELIAL CELLS
Xiuli Zhang, Jianfei Ma.
Dept Nephrology, First Affiliated Hosp, China Medical Univ, Shenyang, Liaoning, China.

MP427
A NEW CONNECTOR DECREASES THE PERITONEAL DIALYSIS RELATED PERITONITIS
Youngsu Kim, Jwa-Kyung Kim, Young Rim Song, Sung Gyun Kim, Hyung Jik Kim.
Internal Medicine & Kidney Research Inst, Hallym Univ Sacred Heart Hosp, Gyunggi-do, Korea.
MP428
APD DOES NOT GIVE SUPERIOR MASS REMOVAL COMPARED TO CAPD DESPITE THE HIGHER NUMBER OF DWELLS IN APD
Sunny Eloot, Raymond Vanholder, Wim Van Biesen.
Nephrology, Ghent Univ Hosp, Gent, Belgium.

MP429
EFFECTS OF PROTEIN LOSSES IN PERITONEAL DIALYSIS
James G Heaf, Christina Pedersen, Anders Elgdborn.
Dept Nephrology B, Univ Copenhagen Hosp Herlev, Herlev, Denmark.

MP430
COMPARISON OF SYSTEMIC ORAL MALADOR IN PATIENTS UNDERGOING HEMODIALYSIS AND PERITONEAL DIALYSIS
Taner Arabaci,1 Gulnihal Emrem,1 Mustafa Koles, Alper Kizildag.
1Dept Periodontology, 2Dept Nephrology, Ataturk Univ, Fac Medicine, Erzurum, Turkey.

MP431
THE PRESENCE OF CAREGIVER DOES NOT AFFECT THE OUTCOMES OF PERITONITIS IN PERITONEAL DIALYSIS PATIENTS.
Francesca Martino,1 Gianpaolo Amici,2 Maria Pia Rodighiero,1 Carlo Crepaldi,1 Claudio Ronco,1
1Nephrology, Dialysis, Transplantation, San Bortolo Hosp, Vicenza, Italy; 2Nephrology, Dialysis, Transplantation, Santa Maria dei Battuti Hosp, Treviso, Italy.

MP432
LATE REFERRAL TO NEPHROLOGISTS IS ASSOCIATED WITH ELEVATED BLOOD PRESSURE IN PERITONEAL DIALYSIS PATIENTS
Hiroshi Tanaka, Shoji Tsuneyoshi, Keisuke Yamazaki, Yasunori Dajo, Narihiro Tatsumoto.
Div Nephrology, Dept Internal Medicine, Hiroshima Red Cross Hosp and Atomic-bomb Survivors Hosp, Hiroshima, Japan.

MP433
ADDED LOW DOSE OF SPIRONOLACTONE IN MANAGING HIGH BLOOD PRESSURE IN CONTINUOUS AMBULATORY PERITONEAL DIALYSIS PATIENTS
Nabieh Al-Hilali,1 Naser Hussain,2 Vivian Fathy,2 Hany Negm,1 Mohammed Alhilali,3
1Medicine, Nile Badrawi Hosp Medicare Middle East, Cairo, Egypt; 2Medicine, Mubarak Al-Kabeer Hosp, Kuwait City, Kuwait; 3General Medicine, The Queen Elizabeth The Queen Mother Hosp, Margate, UK.

MP434
PREDICTORS OF CARDIAC TROPIONIN T (cTnT) IN CAPD PATIENTS
Alicja E. Grzegorzewska,1 Krzysztof Cieszyński,2 Andrzej Kaczmarek,3 Anna Sowińska,4
1Dept Nephrology, Univ Medical Sciences, Poznan, Poland; 2Eurodialysis Center, Ostrow Wlkp., Poland; 3Fresenius Dialysis Center, Pleszew, Poland; 4Dept Statistics, Univ Medical Sciences, Poznan, Poland.

MP435
THE RATE OF CENTER’S RESPONSE TO REGISTRY AND ITS RELATION TO PATIENT AND TECHNIQUE SURVIVAL IN IRANIAN CAPD PATIENTS
Tayebeh Soleymanian, Iraj Najafi, Mohammad Reza Ganji, Farrokhheghe Ahmad, Feresheteh Saddadi, Monirasad Hakemi, Manoucher Amini.
Nephrology, Tehran Univ Medical Sciences, Tehran, Iran.

MP436
CHARACTERISTICS OF INFECTING PATHOGENS AND THEIR ANTIMICROBIAL SUSCEPTIBILITIES IN PERITONEAL DIALYSIS RELATED PERITONITIS: REPORT OF RELATED EPISODES IN A MEDICAL CENTER OVER TEN YEARS
Li Nmn Tong, He Nmn Yongcheng, Wan Nmn Qijun, Luan Nmn Shaodong.
Dept Nephrology, Shenzhen Second People’s Hosp, Shenzhen, Guangdong Province, China.
MP437
TECHNICAL SURVIVAL OF PERITONEAL DIALYSIS CATHETERS: 16-YEARS EXPERIENCE OF A SINGLE CENTER
Arzu Velioglu, Muserref Albaz, Hakki Arikan, Serhan Tuglular, Cetin Ozener.
Nephrology, Marmara Univ, School Medicine, Istanbul, Turkey.

MP438
THE EFFECTS OF SERUM LEPTIN LEVELS ON THROMBOCYTE AGGREGATIONS IN PERITONEAL DIALYSIS PATIENTS
Serkan Bakirdogen, Necmi Eren, Ozgur Mehtap, Sibel Gokcay Bek, Mустafa Baki Cokmen, Ahmet Yilmaz.
1Nephrology, 3Hematology, 5Biochemistry, Kocaeli Univ, Kocaeli, Turkey.

MP439
TECHNICAL SURVIVAL OF PERITONEAL DIALYSIS CATHETERS: 16-YEARS EXPERIENCE OF A SINGLE CENTER
Arzu Velioglu, Muserref Albaz, Hakki Arikan, Serhan Tuglular, Cetin Ozener.
Nephrology, Marmara Univ, School Medicine, Istanbul, Turkey.

MP440
THE EFFECT OF AMBIENT TEMPERATURE ON THE PERITONEAL DIALYSIS RELATED INFECTION RATES IN MALTA
Jesmar Buttigieg, Angela Borg Cauchi, Marilyn Rogers, Louis Buhagiar, Joseph Farrugia Agius, Mario Pio Vella, Emanuel Farrugia.
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MP441
THE INFLUENCE OF PERITONEAL DIALYSIS MODALITY ON THE 1-YEAR RATE OF DECLINE OF RESIDUAL RENAL FUNCTION
Jae Hyun Han, Hyeong Rae Kim, Chan Ho Kim, Hyang Mo Koo, Fa Mee Doh, Mi Jung Lee, Hyung Jung Oh, Seung Hyeok Han, Tae-Hyun You, Shin-Wook Kang, Kyu Hun Choi.
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MP442
AGE AS A RISK FACTOR OF OVERHYDRATION IN PATIENTS ON PERITONEAL DIALYSIS
Dorota Sikorska, Dorota Frankiewicz, Patrycja Klysz, Krzysztof Schweimer, Krzysztof Hoppe, Justin Nealis, Jolanta Kaczmarek, Ewa Baum, Maria Wanicka-Kossowska, Krzysztof Pawlaczynk, Andrzej Oko.
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MP443
RANDOMISED PROSPECTIVE CLINICAL STUDY ON OUTCOME OF PERITONEAL DIALYSIS IN PATIENTS USING NORMAL VERSUS REDUCED GLUCOSE DIALYSIS SOLUTION
Marcus Hiss, Franziska Gerstein, Hermann Haller, Faikah Gueler.
Nephrology, Hannover Medical School, Hannover, Germany.

MP444
EDUCATIONAL SIMULATOR DESIGNED FOR PD ACCESS SURGICAL PROCEDURE EDUCATION — HYBRID PERITONEAL DIALYSIS ACCESS MODEL
Mizuya Fukasawa, Tomoko Manabe.
1Blood Purification Unit, Univ Yamanashi, Chuo, Yamanashi, Japan; 2Medical Pranex, Terumo Co.Ltd, Kanagawa, Japan.

MP445
LONG-CHAIN FATTY ACIDS: A RARE CAUSE OF CHYLOUS ASCITES IN ADULT CONTINUOUS AMBULATORY PERITONEAL DIALYSIS PATIENTS?
Qijun Wan, Yongcheng He, Dan Zhu, Jing Li, Huili Xu.
Nephrology, Shenzhen Second People’s Hosp, Shenzhen, Guangdong province, China.
MP446
ELEVATED PLASMA S100A12 LEVELS IN PERITONEAL DIALYSIS PATIENTS WITH ATHEROSCLEROSIS
Nephrology Dept, Diskapi Yildirim Beyazit Training and Research Hosp, Ankara, Turkey.

MP447
MICROBIOLOGICAL PROFILE OF CAPD PERITONITIS IN OUR CENTRE - OUR WAY TO EMPIRICAL THERAPY
Dejan D Pilcevic, Zoran Kovacevic, Djoko Maksic, Zoran Paunic, Jelena Tadic-Pilcevic, Mirjana Mijuskovic, Marijana Petrovic, Katarina Obrencevic, Violeta Rabrenovic, Ljilana Igrijevic, Brankica Terzic, Drajan Jovanovic.
Nephrology, Military Medical Academy, Belgrade, Serbia.

MP448
INCREASED CANCER RISK IN UREMIC PATIENTS INITIALLY RECEIVING MAINTENANCE PERITONEAL DIALYSIS IN TAIWAN
Chung-Hsin Chang, Ya-Shen Chang.
Div Nephrology, Dept Internal Medicine, Shin-Kong Wu Ho-Su Memorial Hosp, Taipei, Taiwan Rep China.

MP449
REDUCTION IN THE INCIDENCE OF PERITONITIS - COMPARISON OF THE COLLECTED DATA
Mihaela Busuioc, Abdallah Guerraoui, Agnes Caillette-Beaudoin.
Calydial, Lyon, France.

MP450
ACCUMULATION OF LEVETIRACETAM IN PERITONEAL DIALYSIS LEADING TO LOSS OF CONSCIOUSNESS AND TRAUMA – A PHARMACOKINETIC ANALYSIS
Svenja K Bahte, Marcus Hiss, Jan T Kielstein.
Nephrology and Hypertension, Medical School Hanover, Hanover, Germany.

MP450bis
HIGH FALL INCIDENCE AND FRACTURE RATE IN ELDERLY HAEMODIALYSIS AND PERITONEAL DIALYSIS POPULATION. IS BLOOD PRESSURE THE KEY TO PREVENTION?
Harmke Polinder-Bos,1,2 Marielle Emmelot-Vonk,1 Carlo Gaillard.2
1Geriatric, UMC Utrecht, Utrecht, Netherlands; 2Nephrology, Meander Medical Center, Amersfoort, Netherlands.
CARDIOVASCULAR COMPLICATIONS IN CKD 5D

MP451
THE ASSOCIATION OF KDIGO SUGGESTIONS FOR MINERAL AND BONE DISORDER MARKERS ACHIEVEMENT AND DIFFERENT ANKLE-BRACHIAL SYSTOLIC PRESSURE INDEXES IN OUR HEMODIALYSIS PATIENTS
Saslo Gelev,1 Slavco Toshev,2 Lada Trajceska,1 Svetlana Pavleska,1 Gjulsen Selim,1 Pavlina Dzekova,1 Aleksandar Shikole.1
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MP452
THE RELATIONSHIP BETWEEN KDIGO SUGGESTIONS FOR BONE AND MINERAL DISORDER MARKERS ATTAINMENT AND QT INTERVAL (ECG) DURATION IN OUR HEMODIALYSIS PATIENTS
Saslo Gelev,1 Slavco Toshev,2 Lada Trajceska,1 Svetlana Pavleska,1 Gjulsen Selim,1 Pavlina Dzekova,1 Aleksandar Shikole.1
1Univ Clinic Nephrology, Skopje, F.Y.R. of Macedonia; 2Univ Clinic Cardiology, Skopje, F.Y.R. of Macedonia.

MP453
EVALUATION OF ARTERIAL STIFFNESS WITH PLASMA GGT LEVELS AND PULSE WAVE VELOCITY MEASUREMENT IN PATIENTS WITH FMF
Sena Memnune Ulu,1 Filiz Yılmaz,1 Ahmet Ahsen,1 Önder Akçi,2 Seref Yuksel.1
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MP454
ARTERIAL STIFFNESS, FITNESS SCORE, MUSCLE STRENGTH AND BODY COMPOSITION INTERRELATIONS IN A CHRONIC HEMODIALYSED POPULATION
Adélina Mihaescu,1 Nicu Olariu,2 Claudiu Avram,1 Oana Schiller,2 Adalbert Schiller.1
1Nephrology, Victor Babes Univ Medicine and Pharmacy, Timisoara, Romania; 2B/Braun Avitum Dialysis Center, Timisoara, Romania.

MP455
THE EFFECT OF SERUM FGF-23, FETUIN-A AND MGP IN CARDIOVASCULAR DISEASE IN MAINTENANCE HEMODIALYSIS PATIENTS
Dong-Mei Xiao,1 Jian-Ying Niu,1 Yong Gu.2
1Div Nephrology, Fifth People’s Hosp Shanghai, Fudan Univ, Shanghai, China; 2Div Nephrology, Huashan Hosp, Fudan Univ, Shanghai, China.

MP456
SCLEROSTIN LEVELS AND CLINICAL OUTCOMES IN INCIDENT DIALYSIS PATIENTS: RESULTS FROM THE NECOSAD STUDY.
Christiane Drechsler,1 Hanneke Van Den Broek,2 Marc Vervoelt,2 Tiny Hoekstra,3 Friedo Dekker,3 Markus Ketteler,4 Vincent Brandenburg.5
1Nephrology, Univ Hosp Würzburg, Würzburg, Germany; 2VU Medical Center Amsterdam, Amsterdam, Netherlands; 3LUMC Leiden, Leiden, Netherlands; 4Klinikum Coburg, Coburg, Germany; 5Univ Hosp Aachen, Aachen, Germany.

MP457
SERUM SCLEROSTIN LEVELS ARE ASSOCIATED WITH AORTIC VALVE CALCIFICATION IN PREVALENT HEMODIALYSIS PATIENTS
Ayse Türkvanat,2 Alper Kirkpantur,3 Sibel Mandiroglu,4 Baris Afsar,5 Baris Seloglu,3 Mehmet Alkıs,3 Serap Erkula,3 Halit Göksel Gürbüz,3 Medine Gülser Serin,3 Yusuf Çalış,3 Fahri Mandiroglu,3 Mustafa Balci.1
1Cardiology, 2Radiology, Türkiye Yüksek Ihtisas Hastanesi, Ankara, Turkey; 3Nephrology, Rfm Renal Tedavi Hizmetleri, Ankara, Turkey; 4Physical Therapy and Rehabilitation, Ankara Fizik Tedavi Ve Rehabilitasyon Hastanesi, Ankara, Turkey; 5Nephrology, Konya Numune Hastanesi, Konya, Turkey.
THE CARDIOVASCULAR EFFECTS OF CINACALCET IN HEMODIALYSIS PATIENTS WITH SECONDARY HYPERPARATHYROIDISM
Bum Soon Choi, Sun Ryoung Choi, Hoon Suk Park, Yu Ah Hong, Byung Ha Chung, Young Soo Kim, Chul Woo Yang, Yong Soo Kim, Cheol Whee Park.
Div Nephrology, Dept Internal Medicine, College Medicine, Catholic Univ. Seoul, Korea.

THE INFLUENCE OF CALCITRIOL TREATMENT ON CIRCULATING SOLUBLE RECEPTOR OF ADVANCED GLYCAITION END PRODUCT (S-RAGE), S100A12 (EN-RAGE) IN HEMODIALYSIS PATIENTS WITH SECONDARY HYPERPARATHYROIDISM
Ji Yong Jung, Ji Yoon Sung, Ae Jin Kim, Hyung Soo Kim, Chung sik Lee, Han Ro, Jae Hyun Chang, Hyun Hoe Lee, Wook yung Chung.
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DIFFERENTIAL EFFECT OF VITAMIN D RECEPTOR ACTIVATORS AND PHOSPHATE BINDERS ON QT DISPERSION IN MAINTENANCE HEMODIALYSIS PATIENTS
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EFFECT OF 25-HYDROXYVITAMIN D3 (CHOLECALCIFEROL) ON ENDOTHELIAL DYSFUNCTION IN DIALYSIS PATIENTS
Yusuf Karakas, Garip Sahin, Furkan E. Ural, Cengiz Bal, Nevbahar Akca, Beşar Sıragül, Basar Sirmagül.
1Internal Medicine, 2Nephrology, 3Radiology, 4Biostatistics, 5Radiology, 6Pharmacology, Eskisehir Osmangazi Univ (ESOGU), Eskisehir, Turkey.

CALCIUM SCORING AS A NON-INVASIVE, SIGNIFICANT PREDICTOR OF MORTALITY IN DIALYSIS PATIENTS
Katarzyna Janda, Marcin Krzanowski, Paulina Dumnicka, Beata Kuśnierz-Cabala.
1Chair and Dept Nephrology, 2Dept Medical Diagnostics, 3Chair Clinical Biochemistry, Jagiellonian Univ Collegium Medicum, Cracow, Poland.

SERUM SCLERO TIN LEVELS ARE INDEPENDENTLY ASSOCIATED WITH CORONARY ARTERY CALCIUM SCORE AND CAROTID ARTERY Atherosclerosis in Maintenance Haemodialysis Patients
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INFLUENCE OF HYDRATION STATUS ON ARTERIAL STIFFNESS IN HEMODIALYSIS PATIENTS
Rodolfo A Valtuille, Maria Soledad Gonzalez, Maria Elisa Casos.
Hemodialysis, FME Burzaco, Burzaco, Buenos Aires, Argentina.

HIGH GLUCOSE DOES NOT MODULATE THE FORMATION OF VASCULAR CALCIIFICATION IN EXPERIMENTAL UREMIC RATS
Tadashi Yoshida, Maho Yamashita, Matsushiko Hayashi.
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MP466
METABOLIC ACIDOSIS AND OX-LDL AS RISK FACTORS FOR CARDIOVASCULAR DISEASE IN PATIENTS ON RENAL REPLACEMENT THERAPY
Vaiia D Raikou,1 Nicholas Tentolouris,1 Ilias Makropoulos,2 Paul Kaisidis,2 John N Boletis.2
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MP467
IMPACT OF SMOKING ON RISK OF DEATH AND KIDNEY TRANSPLANTATION AMONG PATIENTS WITH CARDIOVASCULAR DISEASE AT DIALYSIS INITIATION: A NATIONAL COHORT STUDY
Ahad A Abdalla,1,2 David Roche,1 John F Forbes,3 Aliish Hannigan,1 Avril Hegarty,1 Cornelius J Cronin,2 Liam F Casserly,2 Austin G Stack.1,2
1Nephrology and Internal Medicine, Grad Entry Medical School, Univ Limerick, Limerick, Ireland; 2Nephrology and Medicine, Univ Hosp Limerick, Limerick, Ireland; 3School Molecular, Genetic and Population Health Sciences and Economics, Univ Edinburgh, Edinburgh, UK.

MP468
PREDICTORS OF CHANGES IN PRE-DIALYSIS SYSTOLIC BLOOD PRESSURE IN AN INTERNATIONAL COHORT OF HEMODIALYSIS PATIENTS
Adrian Guinsburg,1 Jochen G Raimann,2 Len Usvyat,2,3 Jeroen Kooman,4 Cristina Marelli,1 Michael Etter,5 Daniele Marcelli,6 Nathan W Levin,2 Peter Kotanko.2 · Mondo Consortium.7
1Fresenius Medical Care Latin America, Buenos Aires, Argentina; 2Renal Research Inst, New York, USA; 3Fresenius Medical Care North America, Waltham, USA; 4Maastricht Univ Hosp, Maastricht, Netherlands; 5Fresenius Medical Care Asia Pacific, Hong Kong, Hong Kong SAR, China; 6Fresenius Medical Care, Bad Homburg, Germany; 7MONDO Consortium, New York, USA.

MP469
IMPACT OF CLOPIDOGREL ON CLINICAL OUTCOMES IN ACUTE MYOCARDIAL INFARCTION WITH RENAL DYSFUNCTION
Chang Seong Kim, Joon Seok Choi, Eun Hui Bae, Seong Kwon Ma, Soo Wan Kim.
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MP470
EFFECT OF AST-120 ON MICROVASCULAR ENDOTHELIAL DYSFUNCTION IN HEMODIALYSIS PATIENTS: A PRELIMINARY REPORT.
Jung-Hwa Ryu, Sihua Lee, Dong-Reoyl Ryu, Seong-Jung Kim, Duk-Hee Kang, Kyu-Bok Choi.
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MP471
OXIDATIVE STRESS BIOMARKERS AS PREDICTORS OF MORTALITY AND CARDIOVASCULAR DISEASE IN A COHORT OF HEMODIALYSIS PATIENTS
Tetsuo Shoji,1,2 Shoko Tsuchikura,2,3 Naoko Shimomura,3 Ryouuke Kiyono,3 Yoshihiro Tsujimoto,3 Tsutomu Tabata,3 Masanori Emoto,2 Yoshiki Nishizawa,2,3 Masaaki Inaba.2
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MP472
EFFECT OF THE LONGER DURATION OF NEPHROLOGY REFERRAL ON ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN HEMODIALYSIS PATIENTS: 5 YEAR PROSPECTIVE STUDY
Gjulsen Selim,1 Olivera Stojceva-Taneva,1 Liljana Tsojicja,1 Ljubica Georgievska-Ismail,2 Saso Gelev,1 Pavlina Dzekova-Vidimliski,1 Lada Trajeska,1 Zvezdana Petronievshe,1 Aleksandar Sikole.1
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POSTERS

MP473 PROTEIN-BOUND UREMIC TOXINS AND ADVANCED GLYCATION PRODUCTS IN PATIENTS ON LONG-TERM HEMODIALYSIS
Chih-Jen Wu,1,2 Chi-Feng Pan,1 Han-Hsiang Chen,1 Cheng-Jui Lin.3
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MP474 PREDICTORS OF CARDIAC EVENTS IN END-STAGE RENAL DISEASE PATIENTS WITH NORMAL MYOCARDIAL PERFUSION SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY
Youngsu Kim, Jwa-Kyung Kim, Young Rim Song, Sung Gun Kim, Hyung Jik Kim.
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MP475 CARDIAC HYPERTROPHY IS SUPPRESSED BY REDUCING UREMIC TOXINS AT THE EARLY STAGE OF CHRONIC KIDNEY DISEASE
Mieko Kuwahara,1,2 Kenji Bannai,1 Kaori Kikuchi,1 Hideyuki Yamato,1 Hiroko Segawa,2 Ken-Ichi Miyamoto.2
1Kureha Corporation, Tokyo, Japan; 2Inst Health Biosciences, Univ Tokushima Grad School, Tokushima, Japan.

MP476 UREMIC FOOT: A SILENT KILLER AMONG DIALYZED PATIENTS
Andreana De Mauri, Doriana Chiarinotti, Carlo E Ruva, Paola David, Federica Capurro, Martino De Leo.
Nephrology and Dialysis Unit, Univ Hosp Maggiore della Carità, Novara, Italy.

MP477 NT-proBNP IS A MORE SIGNIFICANT PROGNOSTIC BIOMARKER OF MORTALITY THAN TROPONIN T IN INCIDENT HEMODIALYSIS PATIENTS
Jae Hyun Han, Hyeong Rae Kim, Kwang Il Ko, Chan Ho Kim, Hyang Mo Koo, Fa Mee Doh, Mi Jung Lee, Hyung Jung Oh, Seung Hyeok Han, Tae-Hyun Yoo, Kyu Hun Choi, Shin-Wook Kang.
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MP478 THE IMPACT OF CATHETER ABLATION ON DIALYSIS PATIENTS WITH ATRIAL FIBRILLATION
Kazuhiko Shibata,1 Hiroshi Sohara,2 Tadashi Kujii,3 Seiichi Kawata,3 Naoaki Koguduu,4 Masahiro Nishihara,4 Hidehisa Satta.4
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MP479 CIRCULATING SOLUBLE RECEPTOR OF ADVANCED GLYCATION END PRODUCT (S-RAGE) IS NEGATIVELY ASSOCIATED WITH VASCULAR CALCIFICATION IN HEMODIALYSIS PATIENTS
Ji Yong Jung,1 Han Ro,1 Chungsik Lee,2 Sun Moon Kim,3 Ae Jin Kim,1 Hyung Soo Kim,1 Jae Hyun Chang,1 Hyun Hoo Lee,1 Wookyung Chung.1
1Internal Medicine, Gachon Univ Medicine and Science, Incheon, Korea; 2Internal Medicine, Cheju Halla General Hosp, Jeju, Korea; 3Internal Medicine, Chungbuk National Univ Hosp, Cheongju, Korea.

MP480 SPECKLE TRACKING ECHOCARDIOGRAPHY DETECTS UREMIC CARDIOMYOPATHY AND PREDICTS CARDIOVASCULAR AND ALL CAUSE MORTALITY IN ESRD
Rafael Kramann,1 Johanna Erpenbeck,1 Michael Becker,2 Vincent M Brandenburg,2 Thilo Krüger,1 Nicolaus Marx,2 Jürgen Floege,1 Georg Schlieper.1
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POSTERS

MP481
STROKE THROMBOLYSIS IN END-STAGE RENAL DISEASE – A NATIONAL SURVEY OF UK NEPHROLOGY OPINION
Albert Power,1 Damian Fogarty,2 David Wheeler.3
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MP482
AGE-DEPENDENT IMPACT OF PULSE WAVE VELOCITY AS A PREDICTOR FOR MORTALITY IN PATIENTS UNDERGOING HEMODIALYSIS
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MP483
ROLE OF DIALYSATE MAGNESIUM LEVEL TO INTRADIALYTIC HYPOTENSION
Candra Wibowo Prajitno.
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MP484
EFFECTS OF PHYSICAL INACTIVITY ON RISK OF HOSPITALIZATION FOR CARDIO-CEREBROVASCULAR EVENTS IN HEMODIALYSIS PATIENTS
Ryota Matsuzawa,1,2 Atsuhiko Matsunaga,1 Akira Ishii,1,2 Yoshifumi Abe,1 Kei Yoneki,1 Mana Harada,1 Yutaka Takagi,2 Atsushi Yoshida,2 Naonobu Takahira.1
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MP485
CORONARY ARTERY BYPASS GRAFTING IN DIALYSIS PATIENTS
Joachim Sirch, Steffen Fleißer, Theodor Fischlein.
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MP486
IN WHAT WAY IS THE SKIN MICROCIRCULATION AFFECTED IN HEMODIALYSIS PATIENTS?
Maggie S El-Nahid,1 Marianne S Issac.2
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MP487
QT INTERVAL PREDICTS ARTERIAL STIFFNESS AND INFLUENCED BY ANEMIA AND VITAMIN D SUPPLEMENTATION IN MAINTENANCE HEMODIALYSIS PATIENTS
Zeynep Bal,1 Emre Tutil,1 Ugur Bal,2 Mehtap Erkmjen Uyar,1 Orhan Guilyev,1 Burak Sayin,1 Siren Sezer.1
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MP488
CHRONIC SHEAR STRESS AND CARBAMYLATED-LDL MODULATE EXPRESSION OF Atherogenic LR11 IN HUMAN CORONARY ARTERY ENDOTHELium
Tarek Bajari,1 Marcela Hermann,3 Bernhard Gmeiner,4 Heinz Regele,2 Klaus Aumayr,2 Eva-Theres Genserberger,3 Susanna Scharrer,1 Gurkan Sengölgü,1 1Medicine, Div Nephrology and Dialysis, 2Clinical Pathology, 3Medical Biochemistry, Max F. Perutz Labs, 4Dept Medical Chemistry and Pathobiochemistry, Medical Univ Vienna, Vienna, Austria.

MP489
EFFECTS OF AN AEROBIC TRAINING IN PATIENTS ON HEMODIALYSIS PROGRAM
André Novo,1 Sousa Tânia,1 Eugénia Anes,1 Ânia Domingues,1 Eugénia Mendes,1 Gorete Batista,1 João Viana.2
1School Health, Polytechnic Inst Bragança, Bragança, Portugal; 2Research Centre Sports, Health Sciences and Human Development (CIDESD), Higher Education Inst Maia (ISMAI), Maia, Portugal.
MP490
DIASTOLIC HEART DYSFUNCTION IN PERITONEAL AND HEMODIALYSIS PATIENTS.
Merita Rroji,1 Majlinda Çafka,2 Saimir Seferi,1 Joana Seiti,2 Elizana Petrela,3 Erjola Likaj,1 Nestor Thereska.1
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MP491
DIALYSIS TREATMENT TIME, CARDIOVASCULAR RISK FACTORS AND MORTALITY IN HEMODIALYSIS PATIENTS: 5 YEAR FOLLOW-UP ANALYSIS
Gjulsen Selim,1 Olivera Stojceva-Taneva,1 Liljana Tozija,1 Ljubica Georgievska-Ismail,2 Saso Gelev,1 Pavlina Dzekova-Vidimliski,1 Lada Trajceska,1 Zvezdana Petronievic,1 Aleksandar Sikole.1
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MP492
THE RELATIONSHIP BETWEEN NEUTROPHIL-TO-LYMPHOCYTE RATIO AND CORONARY ARERY CALCIFICATION IN END-STAGE RENAL DISEASE PATIENTS
Kultigin Turkmen,1 Fatih Ozciek,3 Fatih Mehmet Erdur,2 Suleyman Turk,2 Mehdi Yeksan,2 Halil Zeki Tonbul.2
1Nephrology, Erzincan Univ Mengucek Gazi Training and Research Hosp, Erzincan, Turkey; 2Nephrology, Necmettin Erbakan Univ Meram School Medicine, Konya, Turkey; 3Internal Medicine, Erzincan Univ Mengucek Gazi Training and Research Hosp, Erzincan, Turkey.

MP493
THE CONTROL OF VOLUME OVERLOAD BY BIOIMPEDANCE SPECTROSCOPY (BCM) IS RELATED TO REDUCTION IN BLOOD PRESSURE
Sandra Castellano, Ines Palomares, Jose Ignacio Merello.
Medical Dept, Fresenius Medical Care Spain, Madrid, Madrid, Spain.

MP494
NEURAL INVOLVEMENT IN PREVALENT HEMODIALYSIS PATIENTS REDUCES ONE YEAR ARTERIOVENOUS FISTULA SURVIVAL
Sibel Mandiroglu,2 Aysel Türkvatan,3 Mustafa Balci,4 Baris Selegolu,1 Mehmet Alkis,1 Medine Gülşen Serin,1 Serap Ergula,1 Halit Göksel Gürbüz1, Yusuf Çalış,1 Baris Afsar,5 Fahri Mandiroglu,1 Alper Kirkpantur.1
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MP495
ECHOCARDIOGRAPHIC EPICARDIAL FAT THICKNESS PROVIDES INFORMATION ABOUT CARDIOVASCULAR RISK IN HEMODIALYSIS PATIENTS
Gülay Ulusal Okyay,1 Kaan Okyay,2 Evsen Polattas Solak,3 Asife Şahinaslan,4 Özeş Paşaoğlu,5 Fatma Ayerden Ebinç6, Ulver Boztepe Derici,1 Şükrü Sinidel,1 Turgay Arınsoy.1
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MP496
LYSOPHOSPHATIDYLCHOLINE PREDICTS CARDIOVASCULAR DISEASE IN KOREAN HEMODIALYSIS PATIENTS: ANALYSIS AT 5 YEARS OF FOLLOW-UP
Young-Ki Lee,1 Seung Yon Son,1 Myung-Jin Choi,1 Seung Min Lee,1 Jong-Woo Yoon,1 Ja-Ryong Koo,1 Jung Woo Noh,1 Nosratola D Vaziri.2
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MP497
LOWER SERUM MAGNESIUM IS ASSOCIATED WITH CARDIOVASCULAR RISK FACTORS AND MORTALITY IN HAEMODIALYSIS PATIENTS
Patrícia Matias, 1, 2, 3 Tiago Amaral, 1, 2, 3 Ana Carina Ferreira, 1, 2, 3 Marco Mendes, 1, 2, 3 Ana Azevedo, 1, 2, 3 Cristina Jorge, 1, 2, 3 Inês Aires, 1, 2, 3 Célia Gil, 1, 2, 3 Aníbal Ferreira, 1, 2, 3
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MP498
FLUID OVERLOAD, HYPERTENSION AND LEFT VENTRICULAR HYPERTROPHY IN HEMODIALYSIS PATIENTS. THE BEST WAY TO SOLVE A PROBLEM IS TO ATTACK THE CAUSE
Diana Carretero Dios, Jose Ignacio Merello Godino, Juan Enrique Moran Risco, Sandra Castellano Gasch.
FME España, Fresenius Medical Care, Madrid, Spain.

MP499
THE IMPACT OF LONG-TERM HEMODIALYSIS THERAPY ON HYDRATION, CARDIOVASCULAR RISK AND BONE METABOLISM
Krzysztof Schwermer, Krzysztof Hoppe, Patrycja Klysz, Dorota Radziszewska, Dorota Sikorska, Justin Nealis, Magdalena Poleyn-Adamczak, Danuta Zaremba-Drobnik, Krzysztof Pawlaczyk, Andrzej Oko.
Dept Nephrology, Transplantology and Internal Diseases, Poznan Univ Medical Sciences, Poznan, Poland.

MP500
SIGNAL PEPTIDE-CUB-EGF DOMAIN-CONTAINING PROTEIN 1 (SCUBE1) LEVEL IN HEMODIALYSIS PATIENTS AND PARAMETERS AFFECTING THAT LEVEL
Ahmet Mentese, 2Adnan Yavuz, 3Camer Karahan, 2Ayşegül Stümær, 2Gulsum Ozkan, 1Sukru Ulusoy, 1
1Nephrology, 2Clinical biochemistry, Karadeniz Technical Univ, School Medicine, Trabzon, Turkey; 3Hemodialysis, Trabzon RTS Hemodialysis Center, Trabzon, Turkey.

MP501
EVALUATION OF ASSOCIATION BETWEEN ATEROGENIC INDEX OF PLASMA AND INTIMA-MEDIA THICKNESS OF THE CAROTID ARTERY FOR SUBCLINICAL ATHEROSCLEROSIS IN PATIENTS ON MAINTENANCE HEMODIALYSIS.
Gürsel Yildiz, 3Alptekin Duman, 2Hüseyin Aydin, 1Abdulkemer Yılmaz, 4Enden Hur, 5Kemal Magden, 5Gülay Cetin, 6Ferhan Candan, 7
1Biochemistry, 2Internal Medicine, Cumhuriyet Univ, Sivas, Turkey; 3Nephrology, Atatürk State Hosp, Zonguldak, Turkey; 4Internal Medicine and Gastroenterology, Cumhuriyet Univ, Sivas, Turkey; 5Internal Medicine and Nephrology, Bülent Ecevit Univ, Zonguldak, Turkey; 6Radiology, Sivas State Hosp, Sivas, Turkey; 7Internal Medicine and Nephrology, Cumhuriyet Univ, Sivas, Turkey.

MP502
PULMONARY HYPERTENSION IN CKD PATIENTS
Beata Francyz-Skóra, 1Anna Gluba, 1Mariusz Kowalczyk, 1Maciej Banach, 2Jacek Rysz, 1
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MP503
EFFECTS OF A STRENGTH EXERCISE PROGRAM DURING HEMODIALYSIS
André Novo, Ânia Domingues, Leonel Preto, Tânia Sousa, Eugénia Mendes, Gorete Batista, Josiana Vaz.
School Health, Polytechnic Inst Bragança, Bragança, Portugal.

MP504
LOW SERUM MAGNESIUM RELATED WITH ARTERIOSCLEROSIS IN MAINTENANCE HEMODIALYSIS PATIENT BUT NOT IN CHRONIC KIDNEY DISEASE
Mai Oue, Takahiro Kuragano, Sayuri Hamahata, Wataru Fukao, Kazuhiro Toyoda, Takeshi Nakashishi.
Dept Internal Medicine Div Kidney and Dialysis, Hyogo College Medicine, Nishinomiya, Hyogo, Japan.
MP505
RELATIONSHIP BETWEEN N-TERMINAL PRO-BRAIN NATRIURETIC PEPTIDE (NT-proBNP) AND MORTALITY IN HEMODIALYSIS PATIENTS
Shigeru Otsubo,1 Ken Tsuchiya,2 Takashi Akiba,3 Kosaku Nitta.2
1Dept Blood Purification, Sangenjaya Hosp, Tokyo, Japan; 2Dept Medicine, Kidney Center, 3Dept Blood Purification, Kidney Center, Tokyo Women’s Medical Univ, Tokyo, Japan.

MP506
THE RELATIONSHIP BETWEEN AORTIC KNOB WIDTH WITH VARIOUS DEMOGRAPHIC, CLINICAL AND LAB PARAMETERS IN STABLE HEMODIALYSIS PATIENTS
Baris Afsar,1 Mustafa Saglam,2 Cetin Yuceturk,2 Erhan Agca.1
1Nephrology, 2Dialysis unit, Konya Numune State Hosp, Konya, Turkey.

MP507
GENETIC POLYMORPHISM AND CARDIOVASCULAR CO-MORBIDITY IN HEMODIALYSIS PATIENTS
Jelena Tosic,1 Zivka Djuric,1 Jovan Popovic,1 Ivana Buzadzic,2 Petar Djuric,1 Aleksandar Jankovic,1 Nada Dimkovic.1
1Clinical Dept Renal Diseases, 2Dept human genetics and prenatal diagnostics, Zvezdara Univ Hosp, Belgrade, Serbia.

MP508
NEUTROPHILS ACTIVATION IN HEMODIALYSIS IS ASSOCIATED WITH AN INCREASE OF PTX3 PRODUCTION AND WITH VASCULAR DAMAGE
Simona Simone,1 Maria Pia Dell’oglio,1 Marco Ciccone,2 Giuseppe Castellano,1 Roberto Corciulo,1 Cosima Balestr,1 Monica Giangrande,1 Margherita Gigante,1 Giuseppe Grandalanzio,3 Loreto Gesualdo,1 Giovanni Pertosa Pertosa,1 1Dept Emergency and Organ Transplantation, Univ Bari Aldo Moro, Nephrology, Dialysis and Transplantation Unit, Bari, Italy; 2Dept Emergency and Organ Transplantation, Univ Bari Aldo Moro, Cardiology Unit, Bari, Italy; 3Dept Medical and Surgical Sciences, Univ Foggia, Nephrology, Dialysis and Transplantation Unit, Foggia, Italy.

MP509
SCREENING, DIAGNOSIS AND TREATMENT OF ATRIOVENTRICULAR BLOCK IN MAINTENANCE HEMODIALYSIS
El Amrani Mohamed,1 Belarbi Marouane,1 El Farouki Mohamed Réda,1 Rbaibi Aziz,2 Boukili Youcef,2 El Kharras Abdennasser,3 Tarik Salaheddine,3 Asserraji Mohammed.1
1Nephrology, Dialysis, 2Cardiology, 3Radiology, First Medical and Surgical Centre, Agadir, Morocco.

MP510
HEMODIALYSIS PATIENTS WITH CHRONIC HYPOTENSION ARE ASSOCIATED WITH POOR LONG-TERM PROGNOSIS: A 5-YEARS FOLLOW-UP
Jyh-Chang Hwang, Ming-Yan Jiang, Yi-Hua Lu, Charn-Ting Wang. Nephrology, Chi Mei Medical Center, Tainan, Taiwan Rep China.

MP511
CARDIAC TROPONIN T (cTnT) INDICATES LESS CARDIAC DAMAGE IN DIALYSED PATIENTS WHO SWITCHED FROM LOW FLUX (LF) TO HIGH FLUX (HF) HEMODIALYSIS (HD)
Alcicja E. Grzegorzewska,1 Krzysztof Cieszyński,2 Anna Sowińska.4 1Dept Nephrology, Univ Medical Sciences, Poznań, Poland; 2Eurodialysis Center, Ostrow Wlkp., Poland; 3B.Braun Avitum Dialysis Center, N. Tomysl, Poland; 4Dept Statistics, Univ Medical Sciences, Poznań, Poland.

MP512
PROGNOSTIC VALUES OF CAROTID ITIMA-MEDIA THICKNESS AND N-TERMINAL PROBRAIN NATRIURETIC PEPTIDE WITH LEFT VENTRICULAR MASS AND FUNCTION IN PATIENTS WITH CHROIC KIDNEY DISEASE
Emad Ali Abdallah,1 Bassam Al-Helal,1 Emam Waked,3 Ashraf Abdel-Khalik,4 Malak Nabil,5 Faten El-Shanawany.6 1Nephrology, Theodor Bilharz Research Inst, Cairo, Egypt; 2Nephrology, Al-Adan Hosp, Kuwait, Kuwait; 3Nephrology, 4Intensive Care, 5Nephrology, 6Clinical Chemistry; Theodor Bilharz Research Inst, Cairo, Egypt.
MP513
EFFECTS OF NOCTURNAL BLOOD PRESSURE ON NUTRITIONAL PARAMETERS IN PATIENTS UNDERGOING HEMODIALYSIS
Hikmet Tekce,1 Seyhun Kursat,2 Hulya Bahadir Colak,3 Gulali Aktas,4 1Dept Nephrology, Abant Izzet Baysal Univ Medical Fac, Bolu, Turkey; 2Dept Nephrology, Celal Bayar Univ Medical Fac, Manisa, Turkey; 3Nephrology Dept, Tepecik Education and Training Hosp, Izmir, Turkey; 4Dept Internal Medicine, Abant Izzet Baysal Univ Medical Fac, Bolu, Turkey.

MP514
THE RELATIONSHIP BETWEEN NEUTROPHIL/LYMPHOCYTE RATIO AND BRAIN NATRIURETIC PEPTIDE IN HEMODIALYSIS PATIENTS
Adalet Ozcicek,2 Kultigin Turkmen,1 Fatih Ozcicek,2 Emin Murat Akbas,3 Levent Demirtas,2 Ayşu Özbicer,2 Ramazan Çetinkay,1 İlyas Capoglu,3 1Nephrology, 2Internal Medicine, 3Endocrinology, Erzincan Univ Mengücek Gazi Training and Research Hosp, Erzincan, Turkey.

MP515
HUMORAL AND ECHOCARDIOGRAPHIC PREDICTORS OF MORTALITY IN CHRONIC KIDNEY DISEASE
Ivana Valocikova,1 Gabriel Valocik,2 Marianna Vachalcova,2 Eva Kolesarova,1 1First Dept Internal Medicine, Safarik Univ Hosp, Kosice, Slovakia; 2Dept Cardiology, East Slovakian Inst Cardiovascular Disease and Safarik Univ, Kosice, Slovakia.

MP515bis
PROGNOSTIC VALUE AND LINK TO ATRIAL FIBRILLATION OF CIRCULATING KLOTHO AND FGF23 IN HEMODIALYSIS PATIENTS
Albina Nowak,1 Björn Friedrich,3 Ferruh Artunc,2 Andreas Serra,1 Tobias Breidthardt,5 Raphael Twerenbold,4 Myriam Peter,5 Michael Potocki,5 Christian Müller,5 1Univ Hosp Zürich, Zürich, Switzerland; 2Univ Tübingen, Tübingen, Germany; 3Dialysis center Leonberg, Leonberg, Germany; 4Herzzentrum Bad Krozingen, Bad Krozingen, Germany; 5Univ Hosp Basel, Basel, Switzerland.
CKD-MBD - B

MP516
KDIGO-RECOMMENDED PTH LEVEL ACCELERATES AORTIC CALCIFICATION IN PATIENTS NEW TO HEMODIALYSIS

MP517
VARIATION IN NHS SERVICES AND ACHIEVEMENT OF TARGETS IN THE MANAGEMENT OF SECONDARY HYPERPARATHYROIDISM IN PATIENTS WITH END-STAGE RENAL DISEASE UNDERGOING DIALYSIS IN THE UK NHS
Samira Bell,1 Sheila Cooper.2
1Renal Unit, Ninewells Hosp, Dundee, UK; 2pH Associates, Bucks, UK.

MP518
THE NUMBER OF OXYPHIL CELLS INCREASES IN SECONDARY HYPERPARATHYROIDISM
Carlo Lomonte, Pasquale Libutti, Domenico Chimienti, Francesco Casucci, Andrea Bruno, Maurizio Antonelli, Piero Lisi, Licio Cocola, Carlo Basile. Nephrology and Dialysis Unit, Dept Medicine, Mirulli General Hosp, Acquaviva delle Fonti, Ba, Italy.

MP519
DIFFERENCES IN MICROARCHITECTURE PARAMETERS OF BONE QUALITY IN LOW AND HIGH TURNOVER RENAL OSTEOODYSTROPHY ASSESSED BY HR-pQCT.

MP520
PARATHYROID HORMONE PROFILING FOR OPTIMIZATION OF CALCIUM CONTENT IN DIALYSEATE IN SEVERE HYPERPARATHYROIDISM, IN TAILORED, INCREMENTAL HEMODIALYSIS
Maria C Di Vico,1 Martina Ferarella,1 Anna Pia,2 Emiliano Arosio,3 Silvana Gonella,3 Elena Mongilardi,1 Roberta Clari,1 Irene Moro,1 Giorgina B Piccoli,1
1Dept Clinical and Biological Sciences, Univ Turin, SS Nefrologia, 2SCDU Medicina Interna I, 3SCDO Patologia Clinica, ASOU san Luigi Gonzaga, Orbassano, Torino, Italy.

MP521
THE IMPORTANCE OF DIFFERENTIATION BETWEEN PARATHYROID HORMONE 1-84 (iPTH) AND NON 1-84 FRAGMENTS IN THE DISORDERS OF BONE AND MINERAL METABOLISM
Yasuo Imanishi,1 Masayo Yamagata,2 Yuki Nagata,1 Masaya Ohara,1 Toshi-mi Michigami,3 Tokihito Yukimura,2 Masaaki Inaba.1
1Dept Metabolism, Endocrinology and Molecular Medicine, Osaka City Univ Grad School Medicine, Osaka, Japan; 2Fac Pharmacy, Osaka Ohtani Univ, Osaka, Japan; 3Dept Bone and Mineral Research, Osaka Medical Center and Research Inst for Maternal and Child Health, Osaka, Japan.
POSTERS

**MP524**
TRENDS IN MEDICAL AND SURGICAL MANAGEMENT OF SECONDARY HYPERPARATHYROIDISM (SHPT) AMONG HEMODIALYSIS PATIENTS: RESULTS FROM THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (DOPPS)
B Bieber,1 B M Robinson,1,5 L Mariani,1,5 S Jacobson,4 L Frimat,6 J Bommer,2 R L Fisman,1 F Tentori.1,3
1Arbor Research, Ann Arbor, USA; 2Dialysezentrum Heidelberg, Heidelberg, Germany; 3Vanderbilt U Medical Center, Nashville, USA; 4Danderyd Hosp, Stockholm, Sweden; 5U Michigan, Ann Arbor, USA; 6Henri Foincaré U, Nancy, France; 7Tokyo Women’s Medical U, Tokyo, Japan.

**MP525**
THE CALCIMIMETIC CALINDOL PREVENTS HIGH PHOSPHATE-INDUCED VASCULAR CALCIFICATION BY UPREGULATING MATRIX GLA PROTEIN
Paola Ciceri, Francescaelli, Diego Brancaccio, Mario Cozzolino.
Health Sciences, Univ Milan, Milan, Italy.

**MP526**
CINACALCET DECREASES PLASMA FGF-23 CONCENTRATION IN HEMODIALYSED PATIENTS WITH CHRONIC KIDNEY DISEASE AND SECONDARY HYPERPARATHYROIDISM
Marcin Adamczak, Andrzej Więcek, Piotr Kuczer.
Dept Nephrology, Endocrinology and Metabolic Diseases, Medical Univ Silesia, Katowice, Poland.

**MP527**
COMPARISON OF CINACALCET PLUS PARICALCITOL TO CINACALCET PLUS CALCITRIOL THERAPY IN HEMODIALYSIS PATIENTS WITH SEVERE HYPERPARATHYROIDISM
Siren Sezer,1 Zeynep Bal,1 Emre Tutal,1 Oznum Kal,1 Demet Yavuz,2 Ibrahim Yıldırım,3 Burak Sayın,1 Rüya Özelsancak,1 Sultan Ozkurt,3 Süleyman Türk,4 Nurhan Oxzemir.1
1Nephrology, Baskent Univ Hosp, Ankara, Turkey; 2Nephrology, Sakarya Education and Research Hosp, Sakarya, Turkey; 3Nephrology, Hiit Univ Hosp, Çorum, Turkey; 4Nephrology, Konya Univ Hosp, Konya, Turkey.

**MP528**
ANALYSIS OF A-KLOTHO, FIBROBLAST GROWTH FACTOR-, VITAMIN-D AND CALCIUM-SENSING RECEPTOR IN 70 PATIENTS WITH SECONDARY HYPERPARATHYROIDISM
Renate Lehmann,1 Meike Roesel,1 Peter Fritz,4 Niko Braun,1 Christoph Ulmer,2 Wolfgang Steurer,2 Dagmar B,3 German Ott,4 Juergen Dippon,5 Dominik M Alscher,1 Martin Kimmel,1 Joerg Latus.1
1Dept Internal Medicine, Div Nephrology, 2Surgery, Robert-Bosch Hosp, Stuttgart, Germany; 3Clinical Pharmacology, Margarete Fischer–Bosch Inst, Stuttgart, Germany; 4Dept Diagnostic Medicine, Div Pathology, Robert-Bosch Hosp, Stuttgart, Germany; 5Mathematics, Univ Stuttgart, Stuttgart, Germany.

**MP529**
SCLEROSTIN AND 1 YEAR SURVIVAL AMONG PATIENTS UNDERGOING HEMODIALYSIS
Aysel Türkvatan,2 Mustafa Mücahit Balci,3 Sibel Mandiroğlu,4 Baris Seloğlu,1 Mehmet Alkis,1 Medine Gülsen Serin,1 Yusuf Çalış,1 Serap Erkula,1 Halit Göksel Gürbüz,1 Baris Afsar,5 Fahri Mandiroğlu,1 Alper Kirkpantur.1
1Nephrology, Rfm Renal Tedavi Hizmetleri, Ankara, Turkey; 2Nephrology, Konya Numune Egitim Ve Arastirma Hastanesi, Ankara, Turkey; 3Cardiology, Turkiye Yuksek Ihtisas Hastanesi, Ankara, Turkey; 4Physical Therapy and Rehabilitation, Ankara Fizik Tedavi Ve Rehabilitasyon Hastanesi, Ankara, Turkey; 5Nephrology, Konya Numune Egitim Ve Arastirma Hastanesi, Konya, Turkey.

**MP530**
DIETARY TRENDS AND MANAGEMENT OF HYPERPHOSPHATAEMIA AMONG DIALYSIS PATIENTS
Elizabeth Lindley,1 Maria Cruz Casal,2 Susan Rogers,3 Jitka Pančírová,4 Jennifer Kemcz,5 J. Brian Copley,5 Denis Fouque.6
1Leeds Teaching Hosps NHS Trust, Leeds, UK; 2Hosp 12 de Octubre, Madrid, Spain; 3Codia Waterland, Pumerend, Netherlands; 4EDTNA/ERCA Secretariat, Prague, Czech Rep; 5Shire Pharmaceuticals, Wayne, PA, USA; 6Centre Hosp Lyon-Sud, Lyon, France.
MP531
AGE DEPENDENT MINERAL AND BONE DISEASES CHARACTERISTICS AND TREATMENT PRACTICE OF DIALYSED PATIENTS IN HUNGARY - RESULTS FROM NATIONWIDE CLINICAL AUDIT
István Kiss, Zoltán Kiss, András Szabó, János Szegedi, József Balla, Erzsébet Ladányi, Botond Csiky, Ottó Árkossy, Marietta Török, Sándor Türi, Csaba Ambrus, Görögy Deák, András Tislér, Imre Kulcsár.
CKD-MBD Working Group Hungarian Society of Nephrology, Budapest, Hungary.

MP532
RELATIONSHIP BETWEEN VITAMIN D AND SEXUAL DYSFUNCTION IN DIALYSIS PATIENTS
Veyssel Kıdır,1 Atila Altuntaş,1 Abdullah Akpınar,2 Hikmet Orhan,3 Mehmet T Sezer.1
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MP533
PROTON PUMP INHIBITOR-INDUCED HYPOMAGNESAEMIA IN HEMODIALYSIS PATIENTS AND ITS PREDICTIVE FACTORS
Vassilis Filiopoulos,1 Nikolaos Manolios,1 Dimitrios Arvanitis,1 Ioanna Pani,1 Konstantinos Panagiotopoulos,2 Dimosthenis Vlassopoulos.1
1Nephrology, 2Biochemistry, Amalia Fleming General Hosp, Athens, Greece.

MP534
MAGNESIUM REGULATES PARATHYROID FUNCTION IN NORMAL RAT GLANDS IN VITRO
Me Rodríguez-Ortiz,1 A Canalejo,2 C Herencia,1 Jm Martinez-Moreno,1 A Peralta-Ramirez,3 P Pérez-Martinez,1 Jl Navarro-González,4 M Rodriguez,1 M Peter,5 K Gundlach,5 S Steppan,5 J Jr Muñoz-Castañeda,1 Y Almadén.1
1Maimónides Inst Biomedical Research, Reina Sofia Univ Hosp, Córdoba, Spain; 2Dept Environmental Biology and Public Health, Univ Huelva, Huelva, Spain; 3School Veterinary Medicine, UNAN-León, León, Spain; 4Nephrology Serv and Research Unit, Univ Hosp Nuestra Señora de la Candelaria, Santa Cruz de Tenerife, Spain; 5Fresenius Medical Care Deutschland GmbH, Bad Homburg, Germany; 6Nephrology, Univ Düsseldorf, Düsseldorf, Germany.

MP535
MAGNESIUM REVERSES VASCULAR CALCIFICATION IN UREMIC RATS
Jr Muñoz-Castañeda,1 A Peralta-Ramirez,2 M Rodriguez-Ortiz,1 C Herencia,1 J Martinez-Moreno,1 I Lopez,5 E Aguillera-Tejero,5 M Peter,3 S Gundlach,5 S Steppan,5 J Passlick-Deetjen,4 M Rodriguez,1 Y Almadén.1
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MP536
LOWER DIALYSATE CALCIUM CONCENTRATION FOR HOME HEMODIALYSIS CAN AFFECT CALCIUM BALANCE DURING DIALYSIS SESSION AND BONE METABOLISM.
Working Group Patient Registry, Japanese Society Home Hemodialysis, Yamagata, Japan.

MP537
DIFFERENCE IN FACTORS ASSOCIATED WITH BONE FRACTILITY BETWEEN MALE AND FEMALE PATIENTS ON HEMODIALYSIS
Masataka Tsumoda,1 Ryota Ikez,2 Naomi Sasaki,4 Megumi Sato,3 Nobuo Hashimoto.4
1H.N. Medic Sapporo-Higashi, Sapporo, Japan; 2H.N. Medic Kitahiroshima, Kitahiroshima, Japan; 3Jinzonaika Megumi Clinic, Sapporo, Japan; 4H.N. Medic, Sapporo, Japan.
INTERLEUKIN-17 PRODUCING EFFECTOR MEMORY T CELLS AND CD4+CD25+FOXP3+ REGULATORY T CELLS CORRELATED WITH PHOSPHATE AND PARATHYROID HORMONE LEVELS IN CHRONIC HEMODIALYSIS PATIENTS

Min-Hui Wang,2,3 Kuan-Yu Hung,4,5 Chih-Kang Chiang,4,5 Jenq-Wen Huang,4,5 Kuo-Cheng Lu,2,3 Cheng-Lin Lang,1

1Internal Medicine, Cardinal Tien Hosp, YongHe Br., New Taipei City, Taiwan Rep China; 2Internal Medicine, Cardinal Tien Hosp, New Taipei City, Taiwan Rep China; 3Internal Medicine, Fu-Jen Catholic Univ, New Taipei City, Taiwan Rep China; 4Internal Medicine, National Taiwan Univ Hosp, Taipei City, Taiwan Rep China; 5Internal Medicine, National Taiwan Univ, Taipei City, Taiwan Rep China.

SERUM LEVELS OF OSTEOCALCIN ARE ASSOCIATED WITH CEREBRAL AND CARDIAC VASCULAR DISEASES IN HEMODIALYSIS PATIENTS

Kazuhiro Okano,1,2 Tetsuri Yamashita,2 Yuki Tsuruta,2 Asako Hibi,1 Naoko Miwa,1 Naoko Kimata,1 Ken Tsuchiya,1,2 Kosaku Nitta,2 Takashi Akiba.1

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ELDECALCITOL (ELD) TREATMENT FOR LOW BONE MASS IN POSTMENOPAUSAL WOMEN RECEIVING MAINTENANCE HAEMODIALYSIS

Naomi Sasaki,1 Masataka Tsunoda,2 Ryota Ikei,3 Megumi Sato,4 Nobuo Hashimoto,1

1Nephrology and Dialysis, H.N. Medic, Sapporo, Japan; 2Nephrology and Dialysis, H.N. Medic sapporo-higashi, Sapporo, Japan; 3Nephrology and Dialysis, H.N. Medic kitahiroshima, Kitahiroshima, Japan; 4Nephrology and Dialysis, Jinzonaika megumi clinic, Sapporo, Japan.

RELATIONSHIP OF OSTEOPROTEGERIN LEVEL AND CHRONIC KIDNEY DISEASE-METABOLIC BONE DISEASE (CKD-MBD)

Lamyaa Ismail Harb.

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LANTHANUM CARBONATE AND SURVIVAL IN MAINTENANCE HEMODIALYSIS PATIENTS

Hirotaka Komaba,1 Takatoshi Kakuta,1 Hajime Suzuki,2 Takao Suga,3 Masafumi Fukagawa,1

1Div Nephrology, Endocrinology and Metabolism, Tokai Univ School Medicine, Isehara, Japan; 2Div Nephrology and Diabetes, Tokai Univ Oiso Hosp, Oiso, Japan; 3Medical Corporation Showakai, Tokyo, Japan.

EVALUATION OF WEEKLY PHOSPHATE REMOVAL IN HEMODIALYSIS PATIENTS

Hiroshi Kikuchi,1 Hisaki Shimada,2 Ryo Karasawa,1 Masashi Suzuki,2

1Toyosaka Hosp, Niigata, Japan; 2Kidney center, Shinraku-en Hosp, Niigata, Japan.

UNDERCARBOXYLATED OSTEOCALCIN AND SECONDARY HYPERPARATHYROIDISM IN POSTMENOPAUSAL PATIENTS ON HEMODIALYSIS


Medical Univ Varna, Varna, Bulgaria.

PREDIALYSIS IONIZED CALCIUM LEVEL MEASUREMENTS IN PATIENTS ON HAEMODIALYSIS

Guillaume Jean, Patrik Deleaval, Jean-Marc Hurot, Christie Lorriaux, Brice Mayor, Charles Chazot.

Dialysis, Nephrocare Tassin Charcot, Sainte Foy-les-lyon, France.
MP546
SERUM 25-HYDROXYVITAMIN D ON CHRONIC KIDNEY DISEASE STAGE 5D: EFFECTS OF SUPPLEMENTATION WITH CALCIFEROL
Helio Vannucchi,2 Maria T Vannucchi,1 Josiane C Martins,1
1Inst Renal, Ribeirao Preto, Sao Paulo, Brazil; 2Internal Medicine, Univ Sao Paulo, Ribeirao Preto, Sao Paulo, Brazil.

MP547
ADMINISTRATION OF A SINGLE, LARGE ORAL DOSE OF 25-HYDROXY-CHOLECALCIFEROL IN HEMODIALYSIS PATIENTS: EFFECTS ON THE MINERAL METABOLISM MARKERS.
Jose Luis Merino,1 Jose Luis Teruel,2 Milagros Fernández-Lucas,2 Juan Jose Villafuerte,2 Blanca Bueno,1 Antonio Gomis,2 Vicente Pareiso,1 Carlos Que-reda,2

MP548
A RANDOMIZED, OPEN-LABEL, CROSSOVER DESIGN STUDY TO COMPARE THE SAFETY AND EFFICACY OF SEVELAMER CARBONATE VERSUS CALCIUM CARBONATE IN THE TREATMENT OF HYPERPHOSPHATEMIA IN PATIENTS WITH CHRONIC KIDNEY DISEASE ON DIALYSIS.
Fairol H Ibrahim, Nor Z Fadhlina, Eng K Ng, Kah M Thong, Bak L Goh, Dalim mi M Sulaiman, Diana An Fatimah, Diana O Evi, Suraya R Siti.
Nephrology Dept, Serdang Hosp, Kajang, Selangor, Malaysia.

MP549
ANALYSIS OF THE COST-EFFECTIVENESS OF SWITCHING FROM SEVELAMER CARBONATE TO LANTHANUM CARBONATE MONOTHERAPY IN THE EUROPEAN UNION
Rosamund J Wilson,1 Michael Keith,2 J Brian Copley.2
1Spica Consultants, Marlborough, UK; 2Shire Pharmaceuticals, Wayne, PA, USA.

MP550
COST-EFFECTIVENESS OF LANTHANUM CARBONATE VERSUS SEVELAMER HYDROCHLORIDE IN THE TREATMENT OF HYPERPHOSPHATEMIA IN END-STAGE RENAL DISEASE PATIENTS IN SPAIN
Blanca Gros,1 Antonio Galán,2 Emilio González-Parra,3 José Antonio Herrero,4 Itziar Oyagüez,1 Michael Keith,5 Miguel Ángel Casado,1
1Pharmacoeconomics & Outcomes Research Iberia (PORIB), Madrid, Spain; 2Consorcio Hosp General Univ, Valencia, Spain; 3Hosp Fund Jiménez Díaz, Madrid, Spain; 4Hosp Clinico San Carlos, Madrid, Spain; 5Shire Pharmaceuticals, Wayne, PA, USA.

MP551
COMPARISON OF SEVELAMER, SEVELAMER CARBONATE AND LANTHANUM CARBONATE IN VITRO AND IN VIVO
Silvia Lucisano,1 Giuseppe Coppolino,1 Antonino Villari,2 Valeria Cernaro,1 Rosaria Lupica,1 Domenico Trimboli,1 Carmela Aloisi,1 Michele Buemi.1
1Dept Internal Medicine, Unit Nephrology, 2Dept Inorganic/Analytical Physics, Univ Messina, Messina, Italy.
**POSTERS**

**EPIDEMIOLOGY - CKD - B**

**MP552**
SHORT AND LONG-TERM OUTCOMES OF THE HEMODIALYSIS SELF MANAGEMENT INTERVENTION RANDOMISED TRIAL (HED-SMART) – A PRACTICAL LOW INTENSITY INTERVENTION TO IMPROVE ADHERENCE AND CLINICAL MARKERS
Konstantina Griva,1 Nandakumar Mooppill,2 Deby Sarojyui Pala Krishnan,2 Hayley James Mc Bain,3 Stanton P Newman.3

**MP553**
LEFT VENTRICULAR MASS IS A POWERFUL RISK FACTOR FOR ALL-CAUSE AND CARDIOVASCULAR DEATH IN END STAGE KIDNEY DISEASE (ESKD) PATIENTS ON DIALYSIS BUT DOES NOT CONTRIBUTE TO PROGNOSIS: AN ANALYSIS IN TWO EUROPEAN COHORTS.
Giovanni Tripepi,1 Bruno Pannier,2 Francesca Mallamaci,1 Gerard London,2 Carmine Zoccali.1
1Clin. Epid. and Physiopath. of Renal Dis. and Hypertens., CNR-IBIM, Reggio Calabria, Italy; 2INSERM, Nancy, France.

**MP554**
PATIENT AND FACILITY-LEVEL VARIATION IN THE TIMING OF DIALYSIS INITIATION ACROSS CANADA: CANADIAN KIDNEY KNOWLEDGE TRANSLATION AND GENERATION NETWORK (CANNET)
Manish M Sood,1 Braden Manns,2 Joanne Kappel,3 David Mj Naimark,4 Allison Dart,1 Paul Komenda,1 Claudio Rigatto,1 Navdeep Tangri.1
1Univ Manitoba, Winnipeg, Canada; 2Univ Calgary, Calgary, Canada; 3Univ Saskatchewan, Saskatoon, Canada; 4Univ Toronto, Toronto, Canada.

**MP555**
ASSOCIATIONS OF CHANGES IN QUALITY OF LIFE WITH MORTALITY AND HOSPITALIZATION: RESULTS FROM THE DOPPS
Jeffrey Perl,1 Angelo Karaboyas,2 Francesca Tentori,2 Hal Morgenstern,2,3 Amada Szn,3 Hugh Rayner,4 Raymond Vanholder,5 Christian Combe,6 Takeishi Hasegawa,7 Donna Mapes,8 Bruce M Robinson,2,3 Ronald L Pisoni.2
1St. Michael’s Hosp, Univ Toronto, Toronto, Canada; 2Arbor Research Collaborative for Health, Ann Arbor, USA; 3Univ Michigan, Ann Arbor, USA; 4Birmingham Heartlands Hosp, Birmingham, UK; 5Univ Hosp, Ghent, Belgium; 6Centre Hosp Univ Bordeaux, Bordeaux, France; 7Showa Univ Fujigaoka Hosp, Yokohama, Japan.

**MP556**
ASSOCIATION OF MULTIPLE FACILITY QUALITY INDICATORS WITH MORTALITY: RESULTS FROM THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (DOPPS)
F Tentori,1 L Zepel,1 A Karaboyas,1 D Mendelssohn,2 T Ikizler,3 R L Pisoni,1 S Fukuhara,5 B Gillespie,4 B Bieber,1 B M Robinson.1
1Arbor Research, Ann Arbor, MI, USA; 2Humber River Regional Hosp, Weston, ON, Canada; 3Vanderbilt U, Nashville, TN, USA; 4U Michigan, Ann Arbor, MI, USA; 5Kyoto U Grad School Medicine and Public Health, Kyoto, Japan.

**MP557**
PATIENT INVOLVEMENT WITH THE TASKS OF IN-CENTER HEMODIALYSIS AND HEALTH-RELATED QUALITY OF LIFE IN THE DOPPS
Martin Wilkie,1 Angelo Karaboyas,2 Hugh Rayner,3 Richard Fluck,4 Hal Morgenstern,2,5 Yun Li,2,5 Peter Kerr,6 David Mendelssohn,7 Bjorn Wikstrom,8 Francesca Tentori,2 Ronald L Pisoni,2 Bruce M Robinson,2,5 1Sheffield Kidney Inst, Sheffield, UK; 2Arbor Research Collaborative for Health, Ann Arbor, USA; 3Birmingham Heartlands Hosp, Birmingham, UK; 4Derby City General Hosp, Derby, UK; 5Univ Michigan, Ann Arbor, USA; 6Monash Medical Centre, Clayton, Australia; 7Humber River Regional Hosp, Toronto, Canada; 8Uppsala Univ, Uppsala, Sweden.
MP558  FUNCTIONAL DEPENDENCE FOR ACTIVITIES OF DAILY LIVING IN PREVALENT DIALYSIS PATIENTS IN THE DOPPS
Sarbjit Vanita Jassal,1 Leah A Comment,2 Angelo Karaboyas,2 Brian A Bieber,2 Hal Morgenstern,2 Ananda Sen,3 Patricia De Sequera,4 Mark R Marsden,2,5 Shunichi Fukuhara,6 Bruce M Robinson,2,3 Ronald L Pisoni.2
1Univ Health Network, Toronto, Canada; 2Arbor Research Collaborative for Health, Ann Arbor, USA; 3Univ Michigan, Ann Arbor, USA; 4Hosp Infanta Leonor, Madrid, Spain; 5Middlemore Hosp, Auckland, New Zealand; 6Kyoto Univ, Kyoto, Japan.

MP559  EFFECT OF PROLONGED WEEKLY HEMODIALYSIS ON SURVIVAL OF MAINTENANCE HEMODIALYSIS PATIENTS: META-ANALYSIS OF CONTROLLED STUDIES
Hui Min Jin,2 Yu Pan.1
1Div Nephrology, Shanghai Pudong Hosp, Shanghai, China; 2Div Nephrology, Fudan Univ, Pudong Hosp, Shanghai, China.

MP560  DETERMINANTS OF PRE-DIALYSIS SERUM SODIUM TRENDS AND VARIABILITY AND THEIR ASSOCIATIONS WITH SURVIVAL IN INCIDENT HEMODIALYSIS PATIENTS: RESULTS FROM THE MONITORING DIALYSIS OUTCOMES (MONDO) INITIATIVE.
Jochen G Raimann,1 Michael Etter,2 Jeroen Kooman,3 Nathan Levin,1 Daniele Marcelli,4 Christina Marelli,5 Frank Van Der Sande,3 Stephan Thijssen,1 Len Usyav,6 Peter Kotanko.1 . Mondo Consortium.7
1RRI, NYC, USA; 2FMC AP, Hong Kong SAR, China; 3Maastricht Univ Medical Center, Maastricht, Netherlands; 4FMC EMELA, Bad Homburg, Germany; 5FMC LA, Bad Homburg, Germany; 6FMC NA, Waltham, USA; 7MONDO Consortium, NYC, USA.

MP561  EFFECT OF FOLIC ACID SUPPLEMENTATION ON CARDIOVASCULAR EVENTS IN NON-DIABETIC CHRONIC KIDNEY DISEASES: META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS
Kuo-Cheng Lu,1 Hsin-Yi Yang,2 Sui-Lung Su.2
1Dept Medicine, Cardinal Tien Hosp, Fu-Jen Catholic Univ, New Taipei City, Taiwan, Taiwan Rep China; 2School Public Health, National Defense Medical Center, Taipei City, Taiwan, Taiwan Rep China.

MP562  DEPRESSION IN PATIENTS REQUIRING HEMODIALYSIS: PREVALENCE, CORRELATES AND ASSOCIATION WITH MORTALITY IN A LARGE MULTI-NATIONAL COHORT STUDY
Suetonia Palmer,1 Valeria Saglimbene,2 Marinella Ruospo,3 Jonathan C Craig,4 Eduardo Celia,3 Ruben Gelfman,3 Anna Bednarek,3 Jan Dulawa,3 Joao Frazao,3 Domingo Del Castillo,3 Tevfik Ecder,3 Jorgen Hegbrant,3 Giovanni Fm Strippoli.2,3,4,5
1Dept Medicine, Univ Otago, Christchurch, New Zealand; 2Dept Clinical Pharmacology and Epidemiology, Consorzio Mario Negri Sud, Santa Maria Imbaro, Italy; 3Diaverum Medical Scientific Office, Lund, Sweden; 4School Public Health, Univ Sydney, Sydney, Australia; 5Dept Emergency and Organ Transplantation, Univ Bari, Bari, Italy.

MP563  GENDER-ASSOCIATED DIFFERENCES IN DIALYSIS PATIENTS
M Hecking,6 B Bieber,1 J Ether,3 A Kautzky-Willer,4 M Jadoul,5 A Saito,6 G Sunder-Plassmann,4 M Säemann,4 B Gillespie,2 W Hörl,4 L Mariani,6 S Ramrez,1 R Pisoni,1 B Robinson,6 F Port.1
1Arbor Research, Ann Arbor, USA; 2UM, Ann Arbor, USA; 3UdeM, Montreal, Canada; 4MUV, Vienna, Austria; 5UCU, Louvain, Belgium; 6Tokai U, Isehara, Japan.

MP564  INNATE IMMUNITY AND CKD PROGRESSION.
Francesca Mallama,1 Giovanni Tripepi,1 Daniela Leonardis,1 Carmine Zoccali,1 . Mauro Work Group.2
1Clin. Epid. and Physiopath. of Renal Dis. and Hypertens., CNR-IBIM, Reggio Calabria, Italy; 2MAURO Work Group, Reggio Calabria, Italy.
MP565
A PREDICTION RULE FOR LOSS OF PHYSICAL FUNCTION IN HEMODIALYSIS PATIENTS: A COHORT STUDY
Shingo Fukuma,1,2 Tadao Akizawa,3 Takashi Akiba,4 Akira Saito,5 Kiyoshi Kurokawa,6 Shunichi Fukuhara.1,2
1Kyoto Univ, Kyoto, Japan; 2Inst Health Outcomes and Process Evaluation Research (iHope International); 3Showa Univ School Medicine, Tokyo, Japan; 4Tokyo Women’s Medical Univ, Tokyo, Japan; 5Yokohama Daichichi Hosp, Kanagawa, Japan; 6National Grad Inst Policy Studies, Tokyo, Japan.

MP566
PULSE WAVE VELOCITY IN END STAGE KIDNEY DISEASE PATIENTS IS A STRONG PREDICTOR OF DEATH AND CARDOVASCULAR EVENTS BUT LARGELY FAILS TO IMPROVE RISK STRATIFICATION IN THIS POPULATION.
Bruno Pannier,2 Giovanni Tripepi,1 Francesca Mallamaci,1 Carmine Zoccali,1 Gerard London.2
1Clin. Epid. and Physiopath. of Renal Dis. and Hypertens., CNR-IBIM, Reggio Calabria, Italy; 2INSERM, Nancy, France.

MP567
THE RELATIONSHIP BETWEEN GLOMERULAR FILTRATION RATE AND MORTALITY AT DIALYSIS INITIATION IS INFLUENCED BY BLOOD UREA NITROGEN CONCENTRATIONS
Austin G Stack,1,2 Liam F Casserly,1 Ahad A Abdalla,1,2 Bhamidipati Vr Murthy,3 Avril Hegarty,2 Cornelius J Cronin,1 Ailish Hanningan.2
1Nephrology and Internal Medicine, Univ Hosp Limerick, Limerick, Ireland; 2Internal Medicine, Grad Entry Medical School, Univ Limerick, Limerick, Ireland; 3Transplantation, Baylor College Medicine, Houston, TX, USA.

MP568
DEMOGRAPHICS AND OUTCOMES STUDY IN PATIENTS WITH AUTO-SOMATIC DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD) AND END STAGE RENAL FAILURE (ERF): A UK RENAL REGISTRY ANALYSIS ON BEHALF OF THE ADPKD STUDY GROUP
Catriona Shaw,1 David Pitcher,1 Richard Sandford.2
1UK Renal Registry, Bristol, UK; 2Academic Lab Medical Genetics, Addenbrooke’s Hosp, Cambridge, UK.

MP569
ADIPONECTIN IS A STRONG MODIFIER OF THE DEATH RISK BY RESISTIN AND LEPTIN IN END STAGE KIDNEY DISEASE PATIENTS.
Belinda Spoto, Patrizia Pizzini, Sebastiano Cutrupi, Graziella D’arrigo, Giovanni Tripepi, Carmine Zoccali, Francesca Mallamaci.
Clin. Epid. and Physiopath. of Renal Dis.and Hypertens., CNR-IBIM, Reggio Calabria, Italy.

MP570
RENAL DISEASE EPIDEMIOLOGY OF ADULT AA AMYLOID IN ALGERIA
Khellaf Ghali.
Nephrology, Dialysis & Kidney Transplantation, Centre Hosp Univ Beni Messous Hop Isad Hassani, Alger, Algeria.

MP571
SURVIVAL AND DIALYSIS PRESCRIPTION IN VERY OLD PATIENTS ON DIALYSIS: DATA FROM SLOVENIAN RENAL REPLACEMENT THERAPY REGISTRY.
Jakob Gubensek, Miha Arnol, Rafael Ponikvar, Jadranka Buturovic-Ponikvar. Dept Nephrology, Univ Medical Center Ljubljana, Ljubljana, Slovenia.

MP572
PATIENT SATISFACTION OF DIFFERENT ASPECTS OF LONG-TERM HEMODIALYSIS CARE: A MULTINATIONAL CROSS-SECTIONAL SURVEY OF PATIENTS
Suetonia Palmer,1 Giorgia De Berardis,3 Jonathan C Craig,2 Fabio Pellegrini,3 Marinella Ruoso,5 Allison Tong,2 Marcello Tonelli,4 Jorgen Hegbrant,5 Giovanni Fm Strippoli.5
1Univ Otago, Christchurch, New Zealand; 2School Public Health, Univ Sydney, Sydney, Australia; 3Consorzio Mario Negri Sud, S. Maria Imbaro, Italy; 4Univ Alberta, Edmonton, Canada; 5Diaverum Medical-Scientific Office, Lund, Sweden.
BRAIN NATRIURETIC PEPTIDE AS A BIOMARKER OF PULMONARY CONGESTION IN STAGE 5 CKD ON DIALYSIS
Patrizia Pizzini, Claudia Torino, Sebastiano Cutrupi, Belinda Spoto, Graziella D’arrigo, Rocco Tripepi, Giovanni Tripepi, Carmine Zoccali, Francesca Mallamaci.
Clin. Epid. and PhysioPhat. of Renal Dis. and Hypertens., CNR-IBIM, Reggio Calabria, Italy.

NUMBER OF DIALYSIS SESSIONS WITH HIGH ULTRAFILTRATION RATE ARE ASSOCIATED WITH POOR OUTCOMES IN AN INTERNATIONAL POPULATION OF HEMODIALYSIS PATIENTS
Gero Von Gersdorff,1 Len Usykat,2 Matthais Schaller,1 Michelle Wong,2 Stephan Thijssen,2 Daniele Marcelli,3 Claudia Barth,4 Peter Kotanko,2,5 Mon- do Consortium.5
1Univ Hosp Cologne, Cologne, Germany; 2Renal Research Inst, New York, NY, USA; 3Fresenius Medical Care Europe, Bad Homburg, Germany; 4Cu- ratorium Dialysis and Kidney Transplantation, Neu-Isenburg, Germany; 5MONDO Consortium, New York, NY, USA.

SNORING IS A STRONG AMPLIFIER OF THE RISK BY HEART FAILURE FOR ALL CAUSE AND CARDIOVASCULAR MORTALITY IN CHRONIC KIDNEY DISEASE PATIENTS ON DIALYSIS (STAGE 5D-CKD)
Claudia Torino,1 Graziella D’arrigo,1 Maurizio Postorino,1 Giovanni Tripepi,1 Francesca Mallamaci,1 Carmine Zoccali,1 on behalf of Progredire Work Group.2
1Clin. Epid. and Physiopath. of Renal Dis. and Hypertens., CNR-IBIM, Reggio Calabria, Italy; 2PROGREDIRE Work Group, Calabria and Sicilia Regions, Italy.

WHAT DETERMINES WHETHER END-STAGE KIDNEY DISEASE PATIENTS COMMENCE ON THEIR CHOSEN TREATMENT MODALITY?
Dimitrios Chanouzas, Khai Ping Ng, Jyoti Baharani.
Renal Unit, Heart of England NHS Foundation Trust, Birmingham, UK.

THE IMPACT OF FIM SCORE IN THE SHORT TERM MORTALITY OF HEMODIALYSIS PATIENTS
Misako Endo, Yuya Nakamura, Masaki Hara, Takuya Murakami, Hideki Tsukahara, Yoshinobu Watanabe, Yoshiyuki Matsuoka, Kiichiro Fujita, Mi- chiyasu Inoue, Tatsuo Simizu, Hiroichiji Gotoh, Yoshikazu Goto.
Saiyu Soka Hosp, Soka city/Saitamaken, Japan.

CLINICAL AND BIOLOGICAL VARIABLES ASSOCIATED WITH MORTA- LITY IN HEMODIALYSIS PATIENTS
Pierre Delanaye,1 Etienne Cavalier,2 Olivier Moranne,3 Jean-Marie Krzes- sinski,1 Xavier Warling,4 Nicole Smelten,5 Hans Pottel.6
1Nephrology-Dialysis, 2Clinical Chemistry, Univ Liege, CHU Sart Tilman, Liège, Belgium; 3Nephrology and Public Health, CHU Nice, Nice, France; 4Nephrology-Dialysis, CHR La Citadelle, Liège, Belgium; 5Nephrology- Dialysis, CHBA, Seraing, Belgium; 6Interdisciplinary Research Center, Univ Leuven, Kulak, Kortrijk, Belgium.

IMPROVEMENT OF COGNITIVE FUNCTIONS AFTER A SINGLE DIALYSIS SESSION
Sabrina Schneider,1,2 Anne K Malecki,1 Hermann G Haller,2 Olaf Boenisch,2 Jan T Kielstein.2
1Dept Psychology, MLU Halle-Wittenberg, Halle (Saale), Germany; 2Dept Nephrology and Hypertension, Medical School Hannover, Hannover, Ger- many.
END DIALYSIS OVER-WEIGHT IS ASSOCIATED WITH ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN UREMIC PATIENTS ON REGULAR HEMODIALYSIS TREATMENT. A 3-YEAR PROSPECTIVE OBSERVATIONAL STUDY.

Ezio Movilli, Corrado Camerini, Paola Gaggia, Roberto Zubani, Paolo Feller, Patrizia Polatti, Alessandra Pola, Orsola Carli, Brunella Valzorio, Stefano Ponsenti, Laura Bregoli, Paolo Foini, Giovanni Cancarini.

O.U. Nephrology, A.O. Spedali Civili Brescia and Univ Brescia, Brescia, Italy.

PREVALENCE OF ORAL LESIONS IN HEMODIALYSIS PATIENTS: THE ORAL-D PROSPECTIVE MULTINATIONAL COHORT STUDY

Suetonia Palmer,1 Marinella Ruospo,2 Patrizia Natale,2 Letizia Gargano,2 Valeria Saglimbene,3 Fabio Pellegrini,3 David W Johnson,4 Jonathan C Craig,5 Jorgen Hedebrant,2 Giovanni Fm Strippoli,2 1Univ Otago, Christchurch, New Zealand; 2Diaverum Medical Scientific Office, Lund, Sweden; 3Mario Negri Sud Consortium, S. Maria Imbari, Italy; 4Univ Queensland, Brisbane St Lucia, Australia; 5Univ Sydney, Sydney, Australia.

DEFINING THE SERUM SODIUM SET POINT TO IMPROVE FLUID STATUS IN HEMODIALYSIS PATIENTS

Steven Brunelli,1 Maheish Krishnan,1,2 David Van Wyck,2 Robert Provenzano,2 1Irina Goykhman,2 Chhaya Patel,2 Allen Nissenson.2 1DaVita Clinical Research, Minneapolis, MN, USA; 2DaVita Healthcare Partners, Inc, Denver, CO, USA.

THE IMPORTANCE OF AGE IN DIALYSIS

Andreana De Mauri, Maria Maddalena Conte, Doriana Chiarinotti, Paola Davidd, Federica Capurro, Martino De Leo.

Nephrology and Dialysis Unit, Univ Hosp Maggiore della Carità, Novara, Italy.

A PARADIGM SHIFT IN NUTRITIONAL DISORDERS IN CHRONIC KIDNEY DISEASE PATIENTS ON DIALYSIS: THE RISING TIDE OF OBESITY IN THE DIALYSIS POPULATION IN A SOUTHERN EUROPEAN REGION.

Maurizio Postorino,1 Carmela Marino,1 Antonio Vilasi,1 Giovanni Tripepi,1 Calabrian Dialysis and Transplantation Work Group.2 1CNR and Nephrology Unit, CNR-IBIM, Reggio Calabria, Italy; 2Calabrian Dialysis and Transplantation Work Group, Reggio Calabria, Italy.

OBSERVATIONAL STUDY OF THE PREVALENCE OF STAPHYLOCOCCUS TOXIN GENE POSITIVITY IN DIFFERENT POPULATIONS INCLUDING A RENAL DIALYSIS UNIT IN GLASGOW, UK

Aileen Helps,1 Giles Edwards,2 Robert Mactier,1 John Coia.2 1Glasgow Renal and Transplant Unit, Western Infirmary, Glasgow, UK; 2MRSA Reference Lab, Stobhill Hosp, Glasgow, UK.

TOTAL AND HIGH MOLECULAR WEIGHT ADIPONECTIN AND MORTALITY IN PATIENTS WITH CHRONIC HEMODIALYSIS PATIENTS

Yasuhiro Abe, Kenji Ito, Satoru Oghara, Yoshie Sasatomi, Takao Saito, Hi-toshi Nakashima. Div Nephrology and Rheumatology, Fukuoka Univ School Medicine, Fukuoka, Fukuoka, Japan.

RENNAL PROGNOSIS AT ONE YEAR OF PATIENTS STILL ON DIALYSIS AFTER AN INTENSIVE CARE UNIT STAY

Cartier Jean-Charles,1,2 Villemaire Morgane,2 Potton Leila,1 Schwebel Carole,1 Carron Pierre-Louis,2 Zaoui Philippe,2 Timsit Jean-François.1 1Intensive care, 2Néphrologie, Univ Hosp, Grenoble, France.
MP588
MODELING TREATMENT TRAJECTORIES TO OPTIMIZE THE ORGANIZATION OF RENAL REPLACEMENT THERAPY AND PUBLIC HEALTH DECISION MAKING
Cécile Couchoud,1 Emmanuelle Dantony,2,3 Mad-Helenie Guerrin,2,3 Emmanuel Villar,2,4 Rene Ecochard,2,3
1REIN registry, Agence biomédecine, Saint Denis La Plaine, France; 2Serv biostatistique, Hospices civils Lyon, Lyon, France; 3CNRS, UMR 5558, Lab Biométrie et Biologie Evolutive, Equipe Biostatistique Santé, Univ Lyon 1, Villeurbanne, France; 4Serv néphrologie dialyse, Centre Hosp Saint-Joseph Saint-Luc, Lyon, France.

MP589
THE COMPARATIVE EVALUATION CONCERNING THE START OF DIALYSIS BETWEEN ELDERLY AND YOUNGER PATIENTS IN JAPAN
Div Nephrology and Kidney Center, Kobe Univ Grad School Medicine, Kobe City, Hygo Prefecture, Japan.

MP590
THE EFFECT OF DIALYSIS DURATION ON MARGINAL DONOR TRANSPLANTATION DECISION IN DIALYSIS PATIENTS
Serhat Korkmaz,1 Alparslan Ersoy,2 Salih Gulien,2 Ilker Erkan,3 Nizameddin Koca,4
1Internal Medicine, Mardin Devlet Hastanesi, Mardin, Turkey; 2Nephrology, Uludag Univ, Bursa, Turkey; 3Biostatistics, Uludag Univ, Bursa, Turkey; 4Internal Medicine, SYEHA, Bursa, Turkey.

MP591
SURVIVAL OF PATIENTS ON HEMODIALYSIS THERAPY IN TURKEY: AN ANALYSIS OF 20,087 PATIENTS
Kamil Serdengecti,1 Gultekin Suleymanlar,2 Mehmet R Altiparmak,1 Nurhan Seyahi,1 Kitty Jager,3 Sinan Trabulus,1 Ekrem Erek,1
1Nephrology, Istanbul Univ, Cerrahpasa Medical Fac, Istanbul, Turkey; 2Nephrology, Akdeniz Univ, Medical Fac, Antalya, Turkey; 3Medical Informatics, ERA-EDTA registry, Academic Medical Center, Amsterdam, Netherlands.

MP592
BASAL PHYSICAL ACTIVITY IN HEMODIALYSIS PATIENTS. CORRELATION WITH BIOCHEMICAL PARAMETERS AND WITH BODY COMPOSITION.
Gabriela Cobo Jaramillo, Paloma Gallar, Cristina Di Gioia, Isabel Rodriguez, Olimpia Ortega, Juan C. Herrero, Anaia Oliet,1 Ana Vigil.
Nephrology, Hosp Severo Ochoa, Leganes, Madrid, Spain.

MP593
INCREASE OF RENAL REPLACEMENT THERAPY PATIENTS IN ESTONIA REMAIN LOW.
Ülle Pechter,1 Merike Luman,4 Madis Ilmoja,3 Eno Sinimäe,2 Asta Auerbach,4 Kadri Lilienthal,4 Maris Kallaste,4 Kristin Sepp,3 Ljubov Piel,3 Evelin Seppet,3 Margit Muli,3 Kadri Telling,3 Elviira Seppet,2 Kulii Kõlvald,2 Kristi Veermäe,2 Mai Ots-Rosenberg,1
1Internal, Tartu Univ, Tartu, Estonia; 2Internal, Tartu Univ Hosp, Tartu, Estonia; 3Internal, West-Tallinn Central Hosp, Tallinn, Estonia; 4Internal, North Estonia Medical Centre Foundation, Tallinn, Estonia.

MP594
RED CELL DISTRIBUTION WIDTH AND MORTALITY IN PATIENTS ON MAINTENANCE HEMODIALYSIS (HD) AND PERITONEAL DIALYSIS (PD).
Csaba Ambrus,1 Lóránt Kerkovits,1 János Szegedi,1 János Szegedi,1 Attila Benke,1 Eszter Tóth,1 László Gergely,1 Szilvia Szakonyi,2 István Kiss,2
1B.Braun Avitum Hungary CPLC Dialysis Network, Budapest, Hungary; 2Central Lab St Imre Teaching Hosp, Budapest, Hungary.
INCIDENCE, PROGNOSIS AND RISK FACTORS FOR TRAUMATIC INJURY IN CHRONIC HEMODIALYSIS PATIENTS

Ja-Ryong Koo,1 Myung-Jin Choi,2 Mi-Hyun Yoon,2 Ji-Yean Park,2 Eun-Young No,2 Jang-Won Seo,1 Young-Ki Lee,2 Jung-Woo Noh,2

1Internal Medicine, Hallym Univ Dongtan Sacred Heart Hosp, Hwaseong, Gyeonggi-Do, Korea; 2Internal Medicine, Hallym Univ, Chuncheon Sacred Heart Hosp, Kidney Research Inst, Chuncheon, Gangwon-Do, Korea.
MP596
RELATIONSHIP BETWEEN TRENDS IN NEUTROPHIL AND LYMPHOCYTE COUNTS AND MORTALITY IN INCIDENT HEMODIALYSIS PATIENTS
Rakesh Malhotra,1 Len Usyvat,2 Jochen Raimann,2 Stephan Thijssen,2 Nathan Levin,2 Peter Kotanko,2
1UMDNJ, Newark, NJ, USA; 2RRI, New York, NY, USA.

MP597
CHOLINERGIC ANTI-INFLAMMATORY PATHWAY ACTIVITY IN HEMO- AND PERITONEAL DIALYSIS PATIENTS
Marie Hilderman,1 Abdul R Qureshi,1 Yousef Al-Abed,2 Björn Anderstam,1 Annette Bruchfeld,1
1Renal Medicine, CLINTEC, Karolinska Inst, Stockholm, Sweden; 2Center Biomedical Science, Feinstein Inst Medical Research, Manhasset, NY, USA.

MP598
ROLE OF HFR CARTRIDGE IN THE REMOVAL OF MEDIATORS OF INFLAMMATION IN HEMODIALYSIS PATIENTS
Maristella Minco,1 Gennaro Argentino,1 Lucia Grumetto,2 Loredana Postiglione,3 Bruno Memoli,1 Eleonora Riccio,1
1Nephrology, 2Pharmaceutical and Toxicological Chemistry, 3Cellular and Molecular Biology and Pathology, Federico II Univ, Naples, Italy.

MP599
METHYLGLOXAL (MG) LEVELS ARE MARKEDLY HIGHER IN DIABETIC HEMODIALYSIS (HD) PATIENTS THAN NON-DIABETIC HD PATIENTS, WHICH MAY CONTRIBUTE TO INCREASED MORBIDITY AND MORTALITY IN DIABETICS
Gary E Striker, Elena M Yubero-Serrano, Jaime Uribebarri, Helen Vlassara. Medicine/Geriatrics, Mount Sinai School Medicine, New York, NY, USA.

MP600
BODY MASS INDEX AND RESISTENCE TO RECOMBINANT HUMAN ERYTHROPOIETIN THERAPY IN MAINTENANCE HEMODIALYSIS PATIENTS
Maria Do Sameiro-Faria,1,2 Sandra Ribeiro,3,4 Michaela Kohlova,5 Petronila Rocha-Pereira,4,6 João Fernandes,4,5 Henrique Nascimento,3,4 Flávio Reis,5 Vasco Miranda,2 Elsa Bronze-Da-Rocha,3,4 Alexandre Quintanilha,1,4 Elisio Costa,3,4 Luis Belo,3,4 Alice Santos-Silva.1,3
1ICBAS, Univ Porto, Porto, Portugal; 2FMC, Dinefro – Diálises e Nefrologia, SA, Porto, Portugal; 3Fac Farmácia, 4IBMC, Univ Porto, Porto, Portugal; 5IBILI, Univ Beira Interior, Covilhã, Portugal; 6CICS, Univ Beira Interior, Covilhã, Portugal.

MP601
SURPRISING GOOD ANTIOXIDANT STATUS IN PATIENTS WITH BALKAN ENDEMIC NEPHROPATHY ON HEMODIALYSIS UNDERGOING VITAMIN C THERAPY-A PILOT STUDY
Mirela Modilca,3 Mihaela Margineanu,3 Gheorghe Gluhovschi,2 Corina Vernic,4 Silvia Velciov,1 Ligia Petrica,1 Emilia Barzucu,2 Cristina A. Gluhovschi,1 Cristian Balgradean,2 Adriana Kaycsa.5
1Nephrology, Univ Medicine and Pharmacy Timisoara Romania; 2Nephrology, Emergency County Clinical Hosp Timisoara Romania; 3Renamed Dialysis Center, Drobeta Turnu Severin, Romania; 4Medical Informatics and Biostatistics; 5Biochemistry, Univ Medicine and Pharmacy Timisoara Romania.

MP602
COMPARISON OF SELENIUM STATUS OF PATIENTS IN HEMODIALYSIS FROM THE AMAZON AND SOUTHEAST REGION, BRAZIL
Milena Barcza Stockler-Pinto,2 Suellen Regina Dornelles,4 Silvia Franciscato Cozzolino,3 Olaf Malm,2 Denise Mafra.1
1Grad Program Cardiovasculare Sciences, Federal Univ Fluminense, Niterói, Rio de Janeiro, Brazil; 2Inst Biophysics Carlos Chagas Filho, Federal Univ Rio de Janeiro, Rio de Janeiro, Rio de Janeiro, Brazil; 3Fac Pharmaceutical Sciences, Univ São Paulo, São Paulo, São Paulo, Brazil; 4CDR Clinic, Manaus, Amazonas, Brazil.

MP604 THE NOVEL FIBROSIS MARKER GALECTIN 3 ASSOCIATES WITH INFECTIOUS DEATHS, ALL-CAUSE MORTALITY AND CARDIOVASCULAR EVENTS IN HEMODIALYSIS PATIENTS Christiane Drechsler,1 Christoph Wanner,1 Katja Blouin,1 Stefan Pilz,2 Andreas Tomashitz,2 Vera Krane,1 Winfried März,3 Eberhard Ritz,4 Pim Van Der Harst,5 Rudolf De Boer,5 1Div Nephrology, Univ Hosp Würzburg, Würzburg, Germany; 2Medical Univ Graz, Graz, Austria; 3Synlab Center Lab Diagnostics, Heidelberg, Germany; 4Div Nephrology, Univ Heidelberg, Heidelberg, Germany; 5UMC, Groningen, Netherlands.

MP605 UNINTENTIONAL BODY WEIGHT CHANGES AND THE RISK OF HOSPITALIZATION AND DEATH IN EUROPEAN HEMODIALYSIS PATIENTS: RESULTS FROM COSMOS Juan Jesús Carrero,2 Ivan Cabezas-Rodriguez,1,2 Carmine Zoccali,2 Abdul R Qureshi,2 Markus Ketteler,2 José L Gorria,2 Boleslaw Rutkowski,2 Vladimir Teplan,2 Reinhard Kramar,2 Drasko Pavlovic,2 David Goldsmith,2 Miha Benedik,2 José L Fernandez-Martín,1,2 Jorge B Cannata-Andia,1,2 on behalf of COSMOS 2.1Bone and Mineral Research Unit, Inst Reina Sofia Investigación, REDinREN del ISCIII, Hosp Univ Central de Asturias, Univ Oviedo, Oviedo, Spain; 2COSMOS Participants, Oviedo, Spain.

MP606 CITRATE-BASED DIALYSIS BUFFERS ARE MORE BIOCOMPATIBLE IN COMPARISON TO STANDARD BICARBONATE BUFFERS AND COULD PREVENT THE PROGRESSION OF DIALYSIS VASCULOPATHY Giuliana Guido, Elisa Loiacono, Ilaria Serriello, Roberta Camilla, Rosanna Coppo, Alessandro Amore. Regina Margherita Univ Hosp, Nephrol Dial Transplant Dept, Torino, Italy, Italy.

MP607 ONE YEAR MORTALITY OF HIGH BMI PATIENTS ON HEMODIALYSIS CORRELATES WITH DIFFERENT FACTORS THAN ONE YEAR MORTALITY IN NORMAL AND LOWER BMI ONES Adalbert Schiller,1 Mircea Munteanu,1 Oana Schiller,2 Adelina Mihaescu,2 Nicu Olariu,2 Carina Andrei,2 Carmen Anton,2 Zsofia Ivacson,2 Violeta Roman,2 Suzana Berca,2 Vivek Bansal.1 1Univ Medicine and Pharmacy V Babes, Timisoara, Romania; 2Avitum Dialysis Center, Timisoara, Romania.

MP608 ASSOCIATION OF CHANGES IN LEAN AND FAT TISSUE MASS AND PATIENT CLINICAL AND LAB PARAMETERS Daniele Marcelli,1 Aileen Grassmann,1 Inga Bayh,1 Laura Scatizzi,1 Cristina Marelli,2 Michael Etter,3 Len Usvyat,4 Jeroen Kooman,5 Frank Van Der Sande,5 Nathan Levin,4 Peter Kotanko,4 Bernard Canaud,1 1Mondo Consortium,6 1Fresenius Medical Care, Bad Homburg, Germany; 2Fresenius Medical Care Latin America, Buenos Aires, Argentina; 3Fresenius Medical Care Asia Pacific, Hong Kong, Hong Kong SAR, China; 4Renal Research Inst, New York, USA; 5Maastricht Univ Hosp, Maastricht, USA; 6MONDO Consortium, New York, USA.

MP609 PROCALCITONIN AS AN EARLY PREDICTOR OF ACUTE INFECTION IN HEMODIALYSIS PATIENTS Borja Quiroga,1 Maite Villaverde,2 Soraya Abad,1 Almudena Vega,1 Javier Reque,1 Claudia Yuste,1 Daniel Barraca,1 Ana Pérez De José,1 Juan M. López-Gómez,1 1Nephrology, Hosp General Univ Gregorio Marañón, Madrid, Spain; 2Clinica Dialcentro, Madrid, Spain.
MP610
OVERHYDRATION BY BIOIMPEDANCE SPECTROSCOPY (BCM) IS RELATED TO INFLAMMATION AND MALNUTRITION
Sandra Castellano Gasch, Ines Palomares, Jon Dominguez, Rosa Ramos.
Medical Dept, Fresenius Medical Care Spain, Madrid, Spain.

MP611
MODERN DIALYSIS MEMBRANES ELIMINATE 1 G AMINO ACIDS PER HOUR IN EXTENDED DIALYSIS - A CLINICAL CROSS-OVER STUDY COMPARING THE AV 100S AND THE EMIC2 DIALYZER
Julius J Schmidt,1 Carsten Hafer,1 Christian Clajus,1 Johannes Hadem,2 Bernhard Mv Schmidt,1 Hermann Haller,1 Jan T Kielstein,1
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MP612
EICOSAPENTAENOIC ACID DECREASES ADVANCED GLYcation END PRODUCTS RESULTING IN THE PREVENTION OF AUTONOMIC DYsFUNCTION IN JAPANESE NON-DiABETIC HaEMODIALYSIS PATIENTS
Mayu Katagiri,1 Yumi Kamada,1 Naoyuki Kobayashi,2 Ibuki Moriguchi,2 Yoko Ito,2 Daisuke Kamekawa,1 Ayako Akiyama,1 Haruka Ishii,1 Shinya Tanaka,1 Kentaro Kamiya,1 Nobuaki Hamazaki,1 Michitaka Kato,1 Ryosuke Shimizu,1 Kazuki Hotta,1 Takashi Masuda.3
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MP613
EFFECTS OF THE INTRADIALYTIC PARENTERAL NUTRITION ON THE AMINOACID POOL: A KINETIC STUDY
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MP614
LONG TERM MAINTENANCE OF ORAL NUTRITIONAL SUPPLEMENTATION IMPROVES NUTRITIONAL PARAMETERS AND DECREASES MORTALITY IN HEMODIALYSIS PATIENTS
Zeynep Bal, Emre Tutal, Mehtap Erkmen Uyar, Orhan Guliyev, Burak Sayin, Siren Sezer.
Baskent Univ Hosp, Ankara, Turkey.

MP615
PENTOSIDINE, A NOVEL MARKER OF ESA RESISTANCE, PREDICTS MORTALITY IN HEMODIALYSIS PATIENTS
Satoshi Mikami,1 Takayuki Hamano,2 Takahiro Tanaka,1 Osamu Iba,1 Mitsunobu Toki,1 Hiroshi Mikami,1 Yoshihiro Takamitsu,1 Toru Inoue,1 Masa-mitsu Fuji.1
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MP616
DETERIORATION OF REACTIVE OXYGEN SPECIES-NITRIC OXIDE BALANCE AND RADICAL CHAIN REACTION SYSTEM IN HEMODIALYSIS PATIENTS.
Aki Hiyayama,1 Atsushi Ueda,1,2 Ryoei Watanabe,1 Hirofumi Matsu,3 Yu-miko Nagano,3 Sohji Nagase,4 Kazumasa Aoyagi,1 Shigeru Ovada.1,5,6
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MP618
ORAL ESSENTIAL AMINO ACID SUPPLEMENTATION IN MAINTENANCE HD MEDICALIZATION PATIENTS
Emre Tutal, Zeynep Bal, Mehtap Erkmen Uyar, Burak Sayın, Ufuk Tot, Siren Sezer.
Nephrology, Baskent Univ Hosp, Ankara, Turkey.

MP619
THE ASSOCIATION BETWEEN INFLAMATION, OXIDATIVE STRESS AND C A M D I U M LEVELS IN DIALYSIS PATIENTS
Kursad Onoe,1 Yasemin Erten,1 Ozge Tugce Pasaoglu,2 Fatma Ayerden Ebinc,1 Koray Uludag,1 Gulay Ulusal Okyay,1 Salih Inal,1 Hatice Pasaoglu,2 Serpil Muge Deger,1 Turgay Arınoy,1 1Nephrology, 2Biochemistry, Gazi Univ Fac Medicine, Ankara, Turkey.

MP620
NUTRITIONAL EVALUATION OF ONLINE HDF PATIENTS: RELATIONSHIP BETWEEN CLINICAL, ANTHROPOMETRIC, BIOCHEMICAL AND BODY COMPOSITION IN IDENTIFYING PROTEIN ENERGY LOSS (PEW) AND PREFERENTIAL NUTRITIONAL INTERVENTION.
Marta Arias-Guillen,1 Elisabet Masso,1 Eduardo Perez,1 Patricia Herrera,1 Barbara Romano,2 Nuria Perez,1 Francisco Maduell,1 1Nephrology and Renal Transplantation, 2Nutrition and Dietetic Unit, Hosp Clinic Barcelona, Barcelona, Spain.

MP621
ONODERA’S PROGNOSTIC NUTRITIONAL INDEX AS A RISK FACTOR FOR MORTALITY IN HEMODIALYSIS PATIENTS
Yeon Soon Jung, Ye Na Kim, Ho Sık Shin, Hark Rim. Dept Internal Medicine, Kosin Univ College Medicine, Busan, Korea.

MP622
DIFFERENCES IN ALBUMIN LEVELS AMONG DIFFERENT ETHNICITIES
Zubaida Al Ismaili,1 Mohamad Hassan,1 Hormazdiar Dastoor,2 Bassam Ber-nieh,3 Adel Ismael,4 Daniele Marcelli,5 Nick Richards,6 1SKMC, Abu Dhabi, United Arab Emirates; 2Al Mafraq Hosp, Abu Dhabi, United Arab Emirates; 3Tawam Hosp, Al Ain, United Arab Emirates; 4Al Gharbia Hosp, Madinat Zayed, United Arab Emirates; 5Fresenius Medical Care, Bad Homburg, Germany; 6SEHA Dialysis Services, Abu Dhabi, United Arab Emirates.

MP623
THE FEATURES OF ENDOTOXEMIA IN PATIENTS WITH CKD 5D AGAINST CHRONIC INFLAMMATION AND VIRAL HEPATITIS C BACKGROUND.
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MP624
BIOMARKERS TO APPRAISE PROTEIN-ENERGY WASTING AND ASSOCIATION OF INFLAMMATION IN MAINTENANCE HEMODIALYSIS PATIENTS
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MP625
NUTRITIONAL PARAMETERS AS MARKERS OF ADEQUATE DIALYSIS DOSE
Elvira Bosch Benítez-Parodi,1 Eduardo Baamonde Laborda,1 German Perez Suarez,1 Jose Ignacio Ramirez,1 Cesar Garcia Canton,2 Rita Guerra,2 Ana Ramirez Puga,2 Agustin Toledo,2 M. Mar Lago Alonso,2 M. Dolores Checa Andres.2 1Centro Hemodiálisis Avericum, Las Palmas de Gran Canaria, Spain; 2Hospital Insular Gran Canaria, Las Palmas de Gran Canaria, Spain.
MP626
THE EFFECTS OF THE USE OF A HIGH-EFFICIENCY, HIGH-FLUX DIALYSIS MEMBRANE ON THE NUTRITIONAL STATUS OF PATIENTS RECEIVING MAINTENANCE HEMODIALYSIS
Won-Min Hwang, Sung Ro Yun.
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MP627
INCREASED NEUROMUSCULAR ACTIVITY AND RATE OF FORCE DEVELOPMENT AFTER RESISTANCE TRAINING IN PATIENTS UNDERGOING DIALYSIS.
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MP628
THE ASSOCIATION BETWEEN FEEDING HABITS, NUTRITIONAL PARAMETERS AND QUALITY OF SLEEP IN HEMODIALYSIS PATIENTS
Esra Köse,1 Kenan Turgutalp,1 Ahmet Kıykım,1 Fatma Çelik,2 Ebru Gök Oguz.1
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MP629
SCREENING FOR INHERITED AND ACQUIRED THROMBOPHILIA PRIOR TO RENAL TRANSPLANTATION
Igor Bacelar Marques,1 Raquel De Melo Silva,2 Cinthia Esbriale Moraes,2 Luiz Sérgio Azevedo,1 William Carlos Nahas,1 Elias David-Neto.1
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MP630
THE PREVALENCE OF ANTIPHOSPHOLIPID ANTIBODIES IN RENAL RECIPIENTS AND CHRONIC KIDNEY DISEASE
Agnieszka Furmarczyk-Zawiska,1 Teresa Bączkowska,1 Andrzej Chmura,2 Jacek Szmidt,3 Magdalena Durlik.1
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MP631
OPTIMISATION OF AZATHIOPRINE DOSES IN RENAL TRANSPLANTATION – A PRACTICAL AND REALISTIC OPPORTUNITY
Jen Joslin,1 Paul Blaker,3 Benjamin White,1 Anthony Marinaki,2 Jeremy Sanders,3 David J Goldsmith.1
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MP632
MALIGNANT BLADDER TUMOURS IN RENAL ALLOGRAFT RECIPIENTS: RISK FACTORS AND OUTCOMES

MP633
RISK FACTORS IN VENOUS THROMBOSIS OF RENAL GRAFTS FROM DECEASED NON HEART-BEATING DONORS

MP634
ASSOCIATION OF GENETIC POLYMORPHISMS OF MATRIX METALLOPROTEINASES WITH NEW-ONSET DIABETES AFTER TRANSPLANTATION IN RENAL TRANSPLANTATION

MP635
THE IMPACT OF LONG-FUNCTIONING ARTERIOVENOUS FISTULA ON LEFT VENTRICULAR HYPERTROPHY IN KIDNEY TRANSPLANT RECIPIENTS
Agata Kujawa-Szewieczek,1 Magdalena Szotowska,1 Piotr Kuczera,1 Jerzy Chudek,1,2 Andrzej Wieccek,1 Aureliusz Kolonko.1
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MP636
THE EFFECT OF PHYSICAL ACTIVITY ON INDEPENDENCE IN ACTIVITIES OF DAILY LIVING AMONG PATIENTS IN THE FIRST YEAR AFTER KIDNEY TRANSPLANTATION
Andrea Mahrova,1 Klara Svagrova,1 Vaclav Bunc,1 Milena Stollova,2 Vladimir Teplan.2
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MP637
IMPACT OF CYSTATIN C ON MACE AFTER KIDNEY TRANSPLANTATION
Felix Hundt, Peer Van Heteren, Rainer P Woitas.
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MP638
COST-EFFECTIVENESS IN ITALY OF KIDNEY TRANSPLANTATION FROM DONORS AFTER CIRCULATORY DEATH
Maria Caterina Cavallo,1 Vincenzo Sepe,2 Ferruccio Conte,3 Paolo Albizzio,4 Andrea Bottazzi,5 Paolo Maria Geraci.6
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MP639
CONVERSION FROM CALCINEURIN INHIBITORS TO EVEROLIMUS RESULTED IN DECREASE OF SERUM TGF-BETA AND URINARY NGAL IN RENAL TRANSPLANT RECIPIENTS
Nadir Alpay.
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MP640
COMPARISON OF KIDNEY PAIRED DONATION TRANSPLANTATIONS WITH LIVING RELATED DONOR KIDNEY TRANSPLANTATION
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MP641
CLINICAL SIGNIFICANCE OF ASYMPTOMATIC BACTERIURIA DURING FIRST YEAR AFTER RENAL TRANSPLANTATION.
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MP642
SEVERITY OF CORONARY DISEASE, CARDIAC EVENTS AND MORTALITY IN PATIENTS EVALUATED FOR RENAL TRANSPLANTATION
Patricia Matias,1 Ana Rita Martins,1 Luis Raposo,2 Cristina Jorge,1 André Weigert,1 Rita Birne,1 Margarida Bruges,1 Teresa Adragão,1 Manuel Almeida,2 Miguel Mendes,2 Domingos Machado.1
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MP643
THE ASSOCIATION OF ACUTE KIDNEY REJECTION AND NITRIC OXIDE LEVEL - COULD IT BE A NON-INVASIVE MARKER OF CHOICE?
Jelka Masin-Spasovska,1 Saso Dohcev,2 Oliver Stankov,2 Sotir Stavridis,2 Skender Saidi,2 Beti Dejanova,3 Irena Rambabova-Busletic,1 Petar Dejanov,1 Goce Spasovski.1
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MP644
KIDNEY TRANSPLANTATION ALONE IN ESRD PATIENTS WITH HEPATITIS B LIVER CIRRHOSIS: A SINGLE CENTER EXPERIENCE
Kyeong Woo Nho,1 Young Hoon Kim,2 Duck Jong Han,2 Su-Kil Park,1 Soon Bae Kim.1
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MP645
MGUS IN RENAL TRANSPLANT: STILL A MATTER OF CONCERN?
Roberta Fenoglio,1 Elisa E Lazzarich,1 Daniele Cagna,1 Tiziana Cena,1 Novel- la Conti,2 Marco Quaglia,1 Elisabetta Radin,1 Cristina Izzo,1 Piero Stratta.1
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POSTERS

MP646
SERUM ALBUMIN LEVELS AT ONE YEAR AFTER KIDNEY TRANSPLANTATION TO PREDICT LONG-TERM OUTCOMES
Il Hwan Oh, Joon-Sung Park, Chang Hwa Lee, Chong Myung Kang, Gheun-Ho Kim.
Dept Internal Medicine, Hanyang Univ College Medicine, Seoul, Korea.

MP647
ERYTHROPOIETIN TREATMENT MODULATES SERUM KLOTHO LEVELS IN KIDNEY TRANSPLANT RECIPIENTS
Francesca Leone, Danilo Lofaro, Paolo Gigliotti, Simona Lupinacci, Pina Tote-da, Donatella Vizza, Anna Perri, Teresa Papalia, Renzo Bonofilio.
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MP648
PREGNANCY AFTER KIDNEY TRANSPLANT REPORT OF THE STUDY GROUPS KIDNEY TRANSPLANT AND KIDNEY/ PREGNANCY OF THE ITALIAN SOCIETY OF NEPHROLOGY
Pier Luigi Di Loreto,1 Linda De Silvestro,1 Domenico Montanaro,3 Francesca Martino,2 Silvio Sandrini,4 Enrico Minetti,5 Gianfranca Cabiddu.6
1San Martino Hosp, Belluno, Italy; 2San Bortolo Hosp, Vicenza, Italy; 3Udine Hosp, Udine, Italy; 4Spedali Civili, Brescia, Italy; 5Florence Univ, Florence, Italy; 6Brotzu Hosp, Cagliari, Italy.

MP649
URINARY PROCOLLAGEN PREDICTS DEGREE OF RENAL FIBROSIS IN RENAL TRANSPLANT RECIPIENTS
Tolga Yildirim,1 Rahmi Yilmaz,1 Erkan Turkmen,1 Ayman Abudalal,1 Mahmut Altindal,1 Dilek Ertiy-Baydar,2 Yunus Erdem.1
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MP650
CLINICAL EPIDEMIOLOGY OF RESISTANT HYPERTENSION IN RENAL TRANSPLANT PATIENTS
Vincenzo Panuccio, Rocco Tripepi, Giovanna Parlongo, Maria Carmela Versace, Raffaele Politi, Carmine Zoccali, Francesca Mallamaci.
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MP651
OPTIMIZING ORAL GLUCOSE TOLERANCE TEST FOR THE PREDICTION OF PREDIABETES IN RENAL TRANSPLANTATION.
Esteban Porrini,2 Irene Silva,1 Joan Manuel Diaz,1 Meri xell Ibern on,3 Francesc Mo res, Rocio Benitez,4 Patricia Delgado Mallen,2 Jose Manuel Osorio,5 Ricardo Lau zurica,6 Armando Torres.2
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MP652
THE EFFECT OF CALCINEURIN INHIBITORS ON ADIPOCYTOKINES AND NECK CIRCUMFERENCE IN KIDNEY TRANSPLANT RECIPIENTS
Alparslan Ersoy,1 Nizameddin Koca,2 Tuba Gullu Koca,3 Emine Kirhan,4 Emre Sarando,4 Canan Ersoy,5 Melahat Dirican.4
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MP653
ACCESS TO RENAL TRANSPLANTATION AT FOUR CENTRES IN WALES
Juliet N Milne, Victoria E Suter, Ashraf I Mikhail.
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MP654
EPIDEMIOLOGY AND CLINICAL CHARACTERISTICS OF LOWER RESPIRATORY TRACT INFECTIONS AMONG KIDNEY TRANSPLANT RECIPIENTS
Halıs Akalın,3 Oguzhan Sitki Dizdar,1 Alparslan Ersoy,2
1Internal Medicine, Afeof State Hosp, Kahramanmaraş, Turkey; 2Nephrology, 3Microbiology and Infectious Diseases, Uludag Univ Medical School, Bursa, Turkey.

MP655
BEHAVIOUR OF DONOR-SPECIFIC ANTIBODIES IN KIDNEY TRANSPLANTATION: POSTTRANSPLANT DQ HLA CLASS II DSA HAVE THE STRONGEST IMPACT
Julio Pascual,1 Alberto Torío,2 Carme García,3 Juanjo Hernandez,3 María José Perez-Saez,1 Marisa Mir,1 Faura Anna,1 Marta Crespo,1
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MP656
5 YEARS COMPARISON OF CYCLOSPORIN VERY LOW EXPOSURE WITH EVEROLIMUS HIGH EXPOSURE VERSUS STANDARD CYCLOSPORIN AND ENTERIC COATED MYCOPHENOLENATE IN RENAL TRANSPLANTATION
Paolo Carta, Maria Zanazzi, Giulia Antognoli, Lorenzo Di Maria, Leonardo Carotti, Enrico Minetti.
Nephrology Unit, Careggi Univ Hosp, Florence, Italy.

MP657
PNEUMONIA AFTER KIDNEY TRANSPLANTATION: INCIDENCE, MORTALITY AND RISK FACTORS
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MP658
OUTCOME OF KIDNEY TRANSPLANTATION IN HEPATITIS C INFECTED PATIENTS: A SINGLE CENTRE STUDY
Nephrology and Gastroenterology, RNTagore International Inst Cardiac Sciences and MM Kidney Hosp, Kolkata, West Bengal, India.

MP659
OUTCOMES OF LIVING UNRELATED ABO BLOOD TYPE INCOMPATIBLE KIDNEY TRANSPLANTS
Surgical branch, Inst Kidney Disease, Jichi Medical Univ Hosp, Shimotsuke, Japan.

MP660
SAFETY OF LOW THYMOCYTOglobulin DOSES IN RENAL TRANSPLANT.
Nephrology, Hosp Peset, Valencia, Spain.

MP661
NEW ONSET DIABETES MELLITUS POST RENAL TRANSPLANT IN SOUTH WEST WALES
Farid G Dawoud, Vandse Aithal, Ashraf Mikhail.
Renal Medicine, Morriston Hosp, Abertawe Bro Morgannwg Univ Health Board, Swansea, UK.
MP662
POST-TRANSPLANT ANAEMIA AS AN INDEPENDENT PREDICTOR OF MORTALITY. A 10-YEARS FOLLOW-UP STUDY
Maria Majernikova,1,2 Jaroslav Rosenberger,1,2,3,4 Lucia Prihodova,2 Iveta Nagyova,2,3 Miriam Jaruskova,5 Robert Roland,1 Johan W Groothoff,6 Jitse P Van Dijk.6
1Nephrology and Dialysis Centre, Fresenius Medical Care Dialysis Serv Slovakia, Kosice, Slovakia; 2Grad School Kosice Inst Society and Health, 3Inst Public Health, Dept Social Medicine, Fac Medicine, Safarik Univ, Kosice, Slovakia; 4Transplantation Dept First Surgery Clinic, Fac Medicine, Safarik Univ, Univ Hosp, Kosice, Slovakia; 5Geriatric Dept, St. Lukas Geriatric Centre, Kosice, Slovakia; 6Dept Community & Occupational Health, Univ Medical Centre Groningen, Univ Groningen, Groningen, Netherlands.

MP663
FIRST 50 BLOOD TYPE ABO INCOMPATIBLE KIDNEY TRANSPLANTATIONS, SINGLE CENTER EXPERIENCE
Madelon Van Agteren,1 Annelies De Weerd,1 Jaqueline Van De Wetering,1 Jan Ijzermans,2 Michiel Betjes,1 Willem Weimar.1
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MP664
DEVELOPMENT OF A DEDICATED CARE PATHWAY FOR MANAGEMENT OF THE FAILING TRANSPLANT
Joyce Popoola,1,2 Angela Reed,1 Rojean Tavarro,1 Christina Chryssanthopoulou,1 Iain Macphee.1,2
1Renal Medicine and Transplantation, St George’s Hosp, London, UK; 2St George’s Univ London, London, UK.

MP665
DENGUE INFECTION IN PATIENTS WITH RENAL TRANSPLANT: A REAL PROBLEM IN PARAGUAY
Maria Mayor, Silvio Franco, Pablo Jara, Roger Ayala, Maria G Orué, Adriana Martínez, Marlene Martínez, Natalia Wasmouth.
Renal Transplant Serv, Inst Previsión Social, Asunción, Paraguay.

MP666
COUSe OF Pre-TRANSPLANT PROTEINURIA AFTER TRANSPLANTATION AND ASSOCIATED ALLOGRAFT PATHOLOGIES IN NON-DECLINERS
Günes Arik, Arzu Yasar, Erkan Türkmen, Tolga Yildirim, Mahmut Altindal, Ayman Abudalal, Seref Rahmi Yilmaz, Mustafa Arici.
Dept Nephrology, Hacettepe Univ Fac Medicine, Ankara, Turkey.

MP667
PRE EMPTIVE KIDNEY TRANSPLANTATION
Shyam Bihari Bansal,1 Saurabh Pokhariyal,1 Salil Jain,1 Siddharth Sethi,1 Rakesh Ahlawat,2 Vijay Kher.1
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MP668
RESULTS FROM 150 PANCREAS-KIDNEY TRANSPLANTS – A SINGLE CENTRE ANALYSIS
La Salete Martins,1,2 Pedro Aguiar,1 Leonidio Dias,1,2 Isabel Fonseca,1 A Castro Henriques,1,2 Antonio Cabrita,1 José Davide.2
1Nephrology, 2Transplantment, Hosp Santo Antonio, Porto, Portugal.

MP669
EFFICACY AND SAFETY OF OUTPATIENT RABBIT-ANTITHYMOCYTE GLOBULIN INDUCTION IN DE-NOVO KIDNEY TRANSPLANT RECIPIENTS
Tracy M Sparkes,1 Jennifer Trofe-Clark,1,2 Peter P Reese,2,3 Diane Jakobowski,4 Simin Goral,2 Stacey L Doll,4 Peter L Abt,5 Deirdre Sawinski,2 Roy D Bloom.2
1Pharmacy, Hosp Univ Pennsylvania, Philadelphia, PA, USA; 2Renal Div, Perelman School Medicine, 3Center Clinical Epidemiology and Biostatistics, Univ Pennsylvania, Philadelphia, PA, USA; 4Penn Transplant Inst, Hosp Univ Pennsylvania, Philadelphia, PA, USA; 5Transplant Surgery Div, Perelman School Medicine, Univ Pennsylvania, Philadelphia, PA, USA.
MP670
CLASSICAL CARDIOVASCULAR RISK FACTORS AND ANEMIA AFTER RENAL TRANSPLANTATION
Nephrology, Univ Clinical Center, Ljubljana, Slovenia.

MP671
LIVING DONOR KIDNEY TRANSPLANTATION FROM HBsAg POSITIVE DONOR TO HBsAg NEGATIVE RECIPIENT
Jin M Kong,1 Joon H Jeong,3 Jeongmyung Ahn,2 Dong R Lee,2 Sung H Son,1 Byung C Kim,2 Won Y Choi,1 Eun J Whang,1
1Nephrology, Hanseo Hosp, Busan, Korea; 2Nephrology, Maryknoll Hosp, Busan, Korea; 3Surgery, Hanseo Hosp, Busan, Korea.

MP672
NUTRITIONAL STATUS AND CARNITINE LEVEL IN KIDNEY TRANSPLANT RECIPIENTS
Beata Czajka,1 Sylvia Małgorziewicz,1,2 Alicja Debska-Sliżien,1 Bolesław Rutkowski.1
1Nephrology, Transplantology and Internal Medicine, 2Clinical Nutrition, Medical Univ, Gdansk, Poland.

MP673
ANALYSIS OF CORPORAL COMPOSITION BY BIOIMPEDANCE SPEC-TROSCOPY IN KIDNEY TRANSPLANT PATIENTS
Nayara Panizo, Manuel A Rengel, Almudena Vega, Soraya Abad, Lorenza Tana, David Arroyo, Marisa Rodriguez-Ferrero, Ana Perez De José, Juan Manuel López-Gómez.
Nephrology Dept, Hosp General Univ Gregorio Marañón, Madrid, Spain.

MP674
ORAL IRON SUPPLEMENTATION IS EFFECTIVE IN CONTROLLING ANAEMIA IN LONG TERM RENAL ALLOGRAFT RECIPIENTS
Konstantinos Koutroutsos,1 Jeffrey Sackey,2 Louise Paolini,2 Rajeshwar Ramkalewon,1 Rojcan Tavarro,1 Marie Chowrimootoo,1 David Whelen,1 Joyce Popoola,1,2
1Renal Medicine and Transplantation, St Georges Healthcare NHS Trust, London, UK; 2St George’s Univ London, London, UK.

MP675
NONRENAL DETERMINANTS OF KIDNEY GRAFT RESISTANCE INDEX IN STABLE KIDNEY TRANSPLANT RECIPIENTS DURING LONG-TERM OBSERVATION
Magdalena Szotowska,1 Piotr Kuczerza,1 Jerzy Chudek,1,2 Andrzej Wiecek,1 Aureliusz Kolonko.1
1Dept Nephrology, Endocrinology and Metabolic Diseases, 2Dept Pathophysiology, Medical Univ Silesia, Katowice, Poland.

MP676
BORTEZOMIB IN THE TREATMENT OF RESISTANT ACUTE ANTIBODY-MEDIATED REJECTION: A SINGLE CENTRE EXPERIENCE
Janka Slatinska,1 Eva Honsova,2 Mariana Wohlfahrtova,1 Eva Slimackova,3 Silvie Bloudickova Rajnochova,1 Ondrej Viklicky,1
1Dept Nephrology, 2Dept Pathology, 3Dept Immunology, Inst Clinical end Experimental Medicine, Prague, Czech Rep.

MP677
LUNG INFECTION IN RENAL TRANSPLANT RECIPIENTS
Andrey Yankovoy.
Transplantation, Moscow Region Research Clinical Inst, Moscow, Russian Federation.

MP678
WHY ARE PATIENTS UNDER 60 YEARS NOT WAIT-LISTED FOR TRANSPLANT? A RETROSPECTIVE SURVEY
Iain S Smith, Emma Wylie.
Richard Bright Renal Unit, Southmead Hosp, Bristol, UK.
CONCORDANCE OF ESTIMATED GLOMERULAR FILTRATION RATES BY DIFFERENT FORMULAS IN RENAL TRANSPLANT RECIPIENTS

Pedro Ruiz-Esteban,1 Veronica Lopez,1 Patricia Garcia-Frias,1 Mercedes Cabel-lo,1 Miguel Gonzalez-Molina,1 Carmen Vozmediano,2 Domingo Hernandez.1
1Nephrology, Carlos Haya Hosp, Malaga, Spain; 2Nephrology, Ciudad Real Hosp, Ciudad Real, Spain.

MONITORING OF REMAINING KIDNEY FUNCTION AFTER DONOR NEPHRECTOMY

Jelena Pavlovic,1 Dragana Radivojevic,1,2 Visnja Lezaić,1,2 Sanja Simic-Ogrzovic,1,2 Mirjana Lausevic,1,2 Radomir Naumovic,1,2
1Clinic Nephrology, Clinical Center Serbia, Belgrade, Serbia; 2School medicine, Belgrade Univ, Belgrade, Serbia.

THE COMPARISON OF EFFECTS OF CALCINEURIN INHIBITORS ON CYTOKINES AND TGF-BETA IN KIDNEY TRANSPLANT RECIPIENTS

Alparslan Ersoy,1 Nizameddin Koca,2 Emine Kirhan,3 Tuba Gullu Koca,4 Cenan Ersoy,5 Emre Sarandol,3 Melahat Dirican,3
1Nephrology, Uludag Univ, Bursa, Turkey; 2Internal Medicine, SYEAH, Bursa, Turkey; 3Biochemistry, Uludag Univ, Bursa, Turkey; 4Internal Medicine, AOS Onkoloji Hastanesi, Bursa, Turkey; 5Endocrinology, Uludag Univ, Bursa, Turkey.

RENAI ALLOGRAFT OUTCOMES IN LIVE DONOR RECIPIENTS ON TACROLIMUS BASED TRIPLE IMMUNOSUPPRESSION WITH AND WITHOUT BASILIXIMAB INDUCTION

Vinay Sakhuja,1 Srikanth Gundlapalli,1 Manish Rathi,1 Vivekanand Jha,1 Hs Kohli,1 Ashish Sharma,2 M Minz,2
1Nephrology, 2Renal Transplant Surgery, PGIMER, Chandigarh, India.

SERUM FIBROBLAST GROWTH FACTOR TYPE 23 (FGF23) IN THE EARLY AND POSTTRANSPLANTATION PERIOD IN KIDNEY ALLOGRAFT RECIPIENTS

Aysa Nimgirova,1 Ashot Esayan,1 Ivan Kayukov,1 Ekaterina Zuyeva,2
1Dept Nephrology and Dialysis, 2Dept Clinical Lab, St. Petersburg Pavlov State Medical Univ, St. Petersburg, Russian Federation.

VALUE OF MEAN PLATELET VOLUME IN CHRONIC KIDNEY DISEASE PATIENTS, DIALYSIS PATIENTS AND RENAL TRANSPLANTATION

Yusuf Bilen,1 Erdem Çankaya,2 Mustafa Keleş,2 Erim Gülcan,2 Mehmet Türkeli,3 Bulent Albayrak,3 Abdullah Uyanık,2 Hüseyin Kurt,2
1Hematology, 2Nephrology, 3Internal Medicine, Atatürk Univ Medical Fac, Erzurum, Turkey.

IMPACT OF RENAL IMPAIRMENT ON LIVER TRANSPLANT PATIENTS - THE BONN EXPERIENCE

Nadine Molitor, Michael Praktiknjo, Rainer P Woitas.
Klinik und Poliklinik Innere Medizin 1, Abteilung Nephrologie, Universitätsklinik Bonn, Bonn, Germany.

THE USE OF MAGNETIC RESONANCE ANGIOGRAPHY IN THE LIVING DONOR RENAL TRANSPLANTATION

Thilini N Abeygunaratne, San Balasubramanian, Richard Baker, Tony Nicholson
Renal Dept, Leeds Teaching Hosps, Leeds, UK.

ZIZYPHUS JUJUBA AS AN ANTILIPEMIC AND ANTIDIABETIC AGENT IN CHRONIC KIDNEY DISEASE PATIENTS

Omer Toprak,1 Yasin Sari,2 Songul Keceli,1 Huseyin Kurt.2
1Nephrology, 2Internal Medicine, Balikesir Univ School Medicine, Balikesir, Turkey.
MP688
KIDNEY TRANSPLANTATION IN TYPE 2 DIABETIC PATIENTS: A MATCHED SURVIVAL ANALYSIS
Ana Rocha, Jorge Malheiro, La Salete Martins, Isabel Fonseca, Leonídio Dias, Sofia Pedroso, Manuela Almeida, António C Henriques.
Nephrology, Hosp Santo António, Centro Hosp Porto, Porto, Portugal.

MP689
LOWER SERUM MAGNESIUM 1-YEAR POSTTRANPLANTATION IS ASSOCIATED WITH PROLONGED USE OF PROTON PUMP INHIBITORS AND DECREASED GRAFT SURVIVAL IN RENAL TRANSPLANT RECIPIENTS
Camila Nihei,2 Igor Bacelar Marques,1 António Carlos Seguro,2 Elias David-Neto.1
1Renal Transplant Serv, 2Nephrology Div, Univ São Paulo School Medicine, São Paulo, Brazil.

MP690
HIGH SCHOOL STUDENT’S OPINION ABOUT ORGAN AND TISSUE DONATION FOR TRANSPLANT
Gerard Maté,1 Nàdia Martin,1 Lluïsa Colón,1 Lidia Casellas,1 Dolors Garangu,2 Mari De La Torre,2 Pere Torguet,1 Isabel García,1 Jordi Calabia,1 Martí Valles.1
1Nephrology, 2Intensive Care, Hosp Univ Doctor Josep Trueta, Girona, Spain.

MP691
ACCESS TO TRANSPLANT AND TRANSPLANT OUTCOME MEASURES (ATTOM): EXPLORING HEALTHCARE PROFESSIONALS PERSPECTIVES ON ACCESS TO RENAL TRANSPLANTATION IN THE UK
Rishi Pruthi,1 Melanie Calestani,2 Geraldine Leydon,2 Rommel Ravanan,3 Paul Roderick.2
1UK Renal Registry, London, UK; 2Southampton Univ, Southampton, UK; 3Southmead Hosp, Bristol, UK.

MP692
A SURVEY OF DIALYSIS PATIENTS ATTITUDES ON ORGAN DONATION AND KIDNEY TRANSPLANTATION IN A TURKISH COMMUNITY
Serhat Korkmaz,1 Alparslan Ersoy,2 Salih Gulten,2 Nizameddin Koca.3
1Internal Medicine, Mardin Devlet Hastanesi, Mardin, Turkey; 2Nephrology, Uludag Univ, Bursa, Turkey; 3Internal Medicine, SYEAH, Bursa, Turkey.
PAEDIATRIC NEPHROLOGY - B

MP693
MATRIX METALLOPROTEINASES AND THEIR EXTRACELLULAR INDUCER (EMMPRIN) IN THE URINE OF CHILDREN WITH CHRONIC KIDNEY DISEASE
Kinga Musial, Danuta Zwolinska.
Dept Pediatric Nephrology, Wroclaw Medical Univ, Wroclaw, Poland.

MP694
UK STUDY OF LATE REFERRAL OF CHILDREN WHO DEVELOP ESTABLISHED RENAL FAILURE: IMPACT ON TRANSPLANTATION AND SURVIVAL
Rishi Pruthi,1 Manish Sinha,2 Anna Casula,1 Malcolm Lewis,3 Y Vincent Tse,4 Heather Maxwell,5 Catherine O'Brien,6 Carol Inward,7 1UK Renal Registry, Bristol, UK; 2Evelina Children's Hosp, London, UK; 3Manchester Children’s Hosp, Manchester, UK; 4Royal Victoria Infirmary, Newcastle, UK; 5Royal Hosp Sick Children, Glasgow, UK; 6Birmingham Children’s Hosp, Birmingham, UK; 7Bristol Royal Hosp Children, Bristol, UK.

MP695
EFFECT OF COOLING DIALYSATE ON HEART RATE VARIABILITY IN CHILDREN ON REGULAR HEMODIALYSIS
Eman Sharaf, Fatina Fadel, Hafez Bazaraa, Ranya Hegazy, Rascha Essam.
Pediatrics, Kasr Al Aini Fac Medicine, Cairo Univ, Cairo, Egypt.

MP696
HYPERVITAMINOSIS A IS PREVALENT IN CHILDREN WITH CHRONIC KIDNEY DISEASE AND CONTRIBUTES TO HYPERCALCAEMIA
Bahee Manickavasagar, Ruksana Shroff, Andrew Mcardle, Sarah Ledermann, Vanessa Shaw, William Van’t Hoff.
Great Ormond Street Hosp, London, UK.

MP697
RESPONSE TO STANDARD VITAMIN D TREATMENT AMONG CHILDREN WITH CHRONIC KIDNEY DISEASE AND PRIMARY HYPERTENSION.
Pediatric Nephrology, SUNY Downstate Medical Center, Brooklyn, NY, USA.

MP698
CARDIOVASCULAR COMORBIDITY IN CHILDREN WITH CHRONIC KIDNEY DISEASE (CKD) AND TRANSPLANTATION - THE 4C-T STUDY
A. Melk,1 D. Kracht,1 A. Doyon,2 R. Zeller,3 M. Litwin,4 A. Duzowa,5 B. Sozeri,6 A. Bayzit,7 S. Caliskan,8 U. Querfeld,3 E. Wühl,2 F. Schaefer,2 B. Schmidt,1 1Hannover Medical School, Hannover, Germany; 2Univ Hosp, Heidelberg, Germany; 3Charité, Berlin, Germany; 4Children’s Hosp, Warsaw, Poland; 5Hacettepe Univ, Ankara, Turkey; 6Ege Univ, Izmir, Turkey; 7Univ Hosp, Adana, Turkey; 8Univ Hosp, Istanbul, Turkey.

MP699
GLUCOSE INTOLERANCE AND INSULIN RESISTANCE AFTER RENAL TRANSPLANTATION IN CHILDREN AND ADOLESCENTS
Nur Canpolat,1 Salim Caliskan,1 Manolya Kara Acar,2 Sukran Pehlivan,1 Mehmet Tademir,1 Lale Sever,1 1Dept Pediatric Nephrology, 2Dept Pediatrics, Istanbul Univ Cerrahpasa Fac Medicine, Istanbul, Turkey.

MP700
QIN-KID – A GERMAN REGISTRY FOR PEDIATRIC DIALYSIS PATIENTS
Eva Nüsken,1 Christina Taylan,1 Gero Von Gersdorff,2 Mathias Schaller,2 Claudia Barth,3 Jörg Dötsch,1 1Dept Pediatrics, Pediatric Nephrology, 2Dept Pediatrics, 3Depts Medicine, Renal Div, Univ Hosp Cologne, Cologne, Germany; 3Curatorium Dialysis and Kidney Transplantation, Neu-Isenburg, Germany.

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MP701
CHRONIC KIDNEY DISEASE STAGES 3-5 IN IRANIAN CHILDREN.
Peyman Roomizadeh, Alaleh Gheissari, Amin Abedini.
Pediatric Nephrology, Isfahan Univ Medical Sciences, Isfahan, Iran.

MP702
CARPEDIEM (MINIATURIZED CRRT EQUIPMENT FOR INFANTS): THE FIRST APPLICATION
Francesco Garzotto,1 Monica Zanella,1 Jeong Kim,1 Roberoto Cena,2 Mauro Neri,1 Federico Nalesso,1 Alessandra Brendolan,1 Claudio Ronco.1
1Nephrology, St. Bortolo Hosp, Vicenza, Italy; 2R&D, Bellco Spa, Mirandola, Italy.

MP703
ENOXAPARIN DOSING IN PEDIATRIC HEMODIALYSIS PATIENTS
Nur Canpolat,1 Lale Sever,1 Tiraje Celkan,2 Sibel Laçinel,3 Mehmet Tasdemir,1 Ayse Kesen,1 Salim Caliskan.1
1Dept Pediatric Nephrology, 2Dept Pediatric Hematology, 3Dept Pediatrics, Istanbul Univ Cerrahpasa Fac Medicine, Istanbul, Turkey.

MP704
URINARY NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN AS AN EARLY BIOMARKER FOR PREDICTION OF ACUTE KIDNEY INJURY IN PRETERM NEONATES
Ahmet Taner Elmas,1 Yılmaz Tabel,1 Sevcan Ipek,2 Ahmet Karadag,3 Ozlem Nalbantoglu Elmas,5 Fatma Ozyalin.4
1Pediatric Nephrology, 2Pediatrics, 3Neonatology, 4Biochemistry, Inonu Univ, Malatya, Merkez, Turkey; 5Pediatric Endocrinology, State Hosp, Malatya, Merkez, Turkey.

MP705
RENAL EFFECTS OF IBUPROFEN DURING THE TREATMENT OF PATENT DUCTUS ARTERIOSUS IN LOW BIRTH WEIGHT PREMATURITY INFANTS
Alketa Hoxha (Qosja),1 Albana Gjyzari,2 Eduard Tushe.1
1UHC Koço Gliozheni, Tiranë, Albania; 2UHC Nënë Tereza, Tiranë, Albania.

MP706
URINARY ALPH-1 BETA GLYCOPROTEIN: A PROMISING PROGNOSTIC MARKER IN CHILDHOOD NEPHROTIC SYNDROME
Ragia M. Said,1 Magid A. Abdel Fattah,1 Dina A. Soliman,2 Sahar Y. Mahmoud.1
1Pediatrics Dept, 2Clinical Pathology Dept, Ain Shams Univ, Cairo, Egypt.

MP707
EFFICACY AND SAFETY OF DARBEPOETIN ALFA (DA) FOR ANEMIA IN CHILDREN WITH CKD: A MULTICENTER PROSPECTIVE STUDY IN JAPAN
Motoshi Hattori,2 Osamu Uemura,3 Hiroshi Hataya,1 Shuichi Ito,1 Masataka Hisano,1 Toshiyuki Ohta,1 Shuichiro Fujimagi,1 Tomoo Kise,1 Yoshimitsu Goto,1 Akira Masunaga,1 Taeko Hashimoto,1 Yasushi Tsutsumi,1 Naoko Ito,1 Tadao Akizawa.4
1KRN321 Pediatric Study Group, Tokyo, Japan; 2Tokyo Women’s Medical Univ, Tokyo, Japan; 3Aichi Children’s Health and Medical Center, Obu, Japan; 4Showa Univ, Tokyo, Japan.

MP708
DO CHILDREN WITH STEROID RESISTANT NEPHROTIC SYNDROME NEED ARTERIAL STIFFNESS ASSESSMENT?
Sheren Esam Maher.
Pediatric Medicine, Minia Univ, Minia, Egypt.

MP709
LONG TERM FOLLOW-UP OF METAPHYSEAL SCLEROTIC LINES IN BIPHOSPHONATE THERAPY FOR STEROID INDUCED OSTEOPOROSIS IN CHILDREN WITH NEPHROPATHY
Byoung-Soo Cho,1 Yu-Mi Choi,2 Jin-Soon Suh.3
1TheAll Medibio Research Inst, Seoul/Kangnum-gu, Korea; 2Dept Pediatrics, Kyung Hee Univ Medical Center, School Medicine, Kyung Hee Univ, Seoul/Dongdaemun-gu, Korea; 3Dept Pediatrics, Bucheon St. Mary’s Hosp, College Medicine, Catholic Univ Korea, Pucheon-si/Wonmi-gu, Korea.
POSTERS

MP710
BIOMPEDANCE ANALYSIS AND INFERIOR VENA CAVA DIAMETER FOR DRY WEIGHT ASSESSMENT IN PEDIATRIC HEMODIALYSIS PATIENTS
Farida A. Farid, Ihab Z. El-Hakim, Mohamed A. Salman.
Pediatrics, Ain Shams Univ, Cairo, Egypt.

MP711
RISKS ASSOCIATED WITH THE PROCESS OF TRANSITION OF PEDIATRIC KIDNEY TRANSPLANT RECIPIENTS TO ADULT HEALTHCARE SERVICES
Silvie Rajnochova Bloudickova,1 Ondrej Víklický,1 Tomas Seeman.2
1Dept Nephrology, Transplant Center, Inst Clinical and Experimental Medicine, Prague, Czech Rep; 2Dept Pediatrics, Motol Univ Hosp, Prague, Czech Rep.

MP712
RENAI INVOLVEMENT IN CHILDREN WITH HENOCH-SCHONLEIN PURPURA: HIGH LEVEL OF SERUM PENTRAXIN 3 AND IGM IN LESIONAL SKIN
Selçuk Yüksel,1 Murat Çağlar,1 Tülay Becerir,1 Emre Tepeli,2 Neşe Çalı De- mirkan,3 Nagihan Yağcı,3 Ahmet Ergin.4
1Pediatric Nephrology, 2Medical Genetics, 3Pathology, 4Pediatrics, Pamukkale Univ School Medicine, Denizli, Turkey.

MP713
DETERMINATION OF REFERENCE LIMITS OF URINARY NGAL IN CHILDREN
Michal Hladík,1 Radka Sigutová,2 Frantisek Vsiansky,2 Kristian Safarcik,2 Zdenek Svaraga.2
1Pediatrics, Univ Hosp Ostrava, Ostrava, Czech Rep; 2Biochemistry, Univ Hosp Ostrava, Ostrava, Czech Rep.

MP714
CLINICAL CHARACTERIZATION OF RENAL CYSTIC DISEASES IN CHILDREN: A SINGLE CENTER EXPERIENCE
Neveen Abd El Monem Soliman,1 Hafez Mahmoud Bazaraa,1 Marwa Mohamed Nabhan,1 Ahmed Mohamed Badr,1 Mohamed Abd El Latif Shahin,2 1Center Pediatric Nephrology and Transplantation (CPNT), 2Radiodiagnosis, Cairo Univ, Cairo, Egypt.

MP715
LONG-TERM OUTCOME IN IDIOPATHIC NEPHROTIC SYNDROME (INS): FROM CHILDHOOD TO ADULTHOOD
Piotr Skrzypczyk,1 Małgorzata Panczyk-Tomaszewska,1 Maria Roszkowska-Blaim,1 Zofia Wawer,1 Beata Bienias,2 Małgorzata Zajaczkowska,2 Marta Szczepaniak,3 Monika Pawlak-Bratkowska,3 Marcin Tkaczyk,3 Katarzyna Kilis-Petrusinska,4 Anna Jakubowska,4
1Dept Pediatrics and Nephrology, Medical Univ Warsaw, Warsaw, Poland; 2Dept Pediatric Nephrology, Medical Univ Lublin, Lublin, Poland; 3Dept Pediatrics and Immunology, Polish Mothers Memorial Hosp Research Inst, Lodz, Poland; 4Dept Pediatric Nephrology, Medical Univ Wroclaw, Wroclaw, Poland.

MP716
ASSOCIATION OF ANGIOTENSINOGEN GENE (M235T) POLYMORPHISM WITH ANTIHYPERTENSIVE EFFICACY OF ACE INHIBITORS IN CHILDREN WITH STEROID-RESISTANT NEPHROTIC SYNDROME
Larisa Prikhodina,1 Oxana Ryzhkova,2 Natalia Poltavets,2 Vladimir Polya- kov.2
1Pediatric Nephrology, Research Inst Pediatrics & Children’s Surgery, Moscow, Russian Federation; 2DNA-Lab, Research Center Medical Genetics, Moscow, Russian Federation.

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DAY AT A GLANCE

08:00 - 09:30  **Symposia**
   - AKI: specific causes and conditions (400)
   - Inflammation, oxidative stress and CV risk in CKD (401)
   - Forefront in hypertension (402)
   - Benefits and risks when pushing renal regeneration (403)
   - Early diagnosis of renal diseases in children and young adults (404)
   - Pre-emptive and living donor transplantation. ESOT-DESCARTES (405)

**Free Communications + Mini Lectures**
   - Glomerular injury (406)
   - Lipids and other risk factors (408)
   - Diabetes - basic research (410)

**Special Session**
   - Young Nephrologists Platform (YNP) (412)

08:00 - 12:00  **Hands-on Course**
   - Ultrasound in nephrology (413)

09:45 - 10:30  **Plenary Lecture T.A. Ikizler**
   - Improving outcome of patients with CKD: diets and enteral supplements (414)

10.30 - 11.30  **ERA-EDTA General Assembly**
   - (for ERA-EDTA members only) (415)

14:30 - 16:00  **Symposia**
   - Kidney in sepsis (416)
   - Amyloidosis, light chain nephropathy and myeloma (417)
   - Peritoneal dialysis news (418)
   - Management of diabetes in advanced CKD (419)

**Free Communications + Mini Lectures**
   - Nutrition and inflammation (420)
   - Renal physiology and kidney stones (422)
   - Tubular ischemia and toxicity (424)
   - Heart and bone in CKD - B (426)
Symposium 36

**AKI: specific causes and conditions**

Chairs: **Norbert Lameire**, Ghent, Belgium  
**Mehmet Sükrü Sever**, Istanbul, Turkey

Crush-AKI in disaster: the ERBP  
**Mehmet Sükrü Sever**, Istanbul, Turkey

Contrast induced nephropathy: the ERBP  
**Maurice Laville**, Lyon, France

The extracorporeal treatments in poisoning  
**Jan T. Kielstein**, Hanover, Germany

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**FREE COMMUNICATIONS**

**TO001**  
ACUTE KIDNEY INJURY AFTER HEART- AND/OR LUNG TRANSPLANTATION: RETROSPECTIVE ANALYSIS OF INCIDENCE, RISK FACTORS AND OUTCOME OF 1400 PATIENTS  
**Faikah Gueler**,1 Nils Hanke,1 Birgitt Wiese,3 Andre Simon,2 Hermann Haller,1 Axel Haverich,2 Christine Fegbeutel,2 1Nephrology, 2Cardiac Surgery, 3Biometry, Hannover Medical School, Hannover, Germany.

**TO002**  
A NEW CLINICAL MODEL FOR POSTOPERATIVE AKI: ROLE OF ENDOGENOUS OUABAIN  
**Marco Simonini**,1 Nunzia Casamassima,1 Chiara Lanzani,1 Elena Bignami,2 Elena Frati,2 Roberta Meroni,2 Elisabetta Messaggio,1 Paolo Manunta,1 1OU Nephrology, S. Raffaele Scientific Inst / Univ Vita Salute S. Raffaele, Milan, Italy; 2Anesthesia and Intensive Care Unit, S. Raffaele Scientific Inst, Milan, Italy.
Symposium 37

**Inflammation, oxidative stress and cardiovascular risk in CKD**

Chairs: Peter Barany, Stockholm, Sweden  
Nada Dimkovic, Belgrade, Serbia

The inflamed uremic phenotype - a mediator of premature aging  
Peter Stenvinkel, Stockholm, Sweden

Monocyte heterogeneity and CV risk in CKD  
Gunnar H. Heine, Homburg/Saar, Germany

Improving CKD outcomes by dietary fat manipulation: omega 3 and beyond  
Juan-Jesus Carrero-Roig, Stockholm, Sweden

Oxidative stress and inflammation: a new avenue for the treatment of CKD?  
Mustafa Arici, Ankara, Turkey
ROOM RUMELI B 08:00 - 09:30

Symposium 38

Forefront in hypertension

Chairs: Eberhard Ritz, Heidelberg, Germany
Bernardo Rodríguez-Iturbe, Maracaibo, Venezuela

Autoimmune basis of essential hypertension
Bernardo Rodríguez-Iturbe, Maracaibo, Venezuela

Renal denervation in the treatment of resistant hypertension
Andrzej Wiecek, Katowice, Poland

New therapeutic approaches: vaccination against the renin angiotensin system
Duncan J. Campbell, Melbourne, Australia

FREE COMMUNICATIONS

TO003
ATRASENTAN THERAPY ENHANCED RECOVERY OF RENAL FUNCTION AFTER RENAL ANGIOPLASTY IN EXPERIMENTAL RENOVASCULAR DISEASE
Alejandro R. Chade.
Physiology and Biophysics; Medicine; and Radiology, Univ Mississippi Medical Center, Jackson, Mississippi, USA.

TO004
PREDICTORS FOR THE BLOOD PRESSURE LOWERING EFFECT OF RENAL DENERVATION.
Eva E Vink,1 Willemien L Verloop,2 Rianne B.C. Bost,1 Michiel Voskuil,2 Wilko Spiering,3 Evert-Jan Vonken,4 Peter J Blankestijn.1
1Nephrology, 2Cardiology, 3Vascular Medicine, 4Radiology, Univ Medical Center Utrecht, Utrecht, Netherlands.
Symposium 39

Benefits and risks when pushing renal regeneration

Chairs: Antonio Dal Canton, Pavia, Italy
Marcus Moeller, Aachen, Germany

Renal resident cell reprogramming by microvescicles from endothelial progenitor and stem cells
Giovanni Camussi, Turin, Italy

Consequences of deregulated glomerular parietal cell activation
Marcus Moeller, Aachen, Germany

The forstering role of ACE inhibitors
Ariela Benigni, Bergamo, Italy

FREE COMMUNICATIONS

*TO005
MIRNA LET-7E REGULATES STEM CELL DIFFERENTIATION TOWARDS RENAL LINEAGE
Georgina Hotter,1 Jose Luis Viñas,1 Marina Ventayol,1 Chrysoula Mastora,1 Joan Roselló-Catafau,1 Anna Sola.2
1Experimental Pathology, Inst Investigaciones Biomedica Barcelona, CSIC, IDIBAPS, Barcelona, Spain; 2GBIO-CNM, CIBER BBN, Zaragoza, Spain.

*TO006
HUMAN LIVER STEM CELLS CONTRIBUTE TO RENAL REGENERATION AFTER ACUTE INJURY
Ciro Tetta,1 Maria Beatriz Herrera,2 Stefania Bruno,3 Giovanni Camussi.2
1Translational Centre Regenerative Medicine EMEA LA Medical Board, Fresenius Medical Care, Bad Homburg, Germany; 2Dept Medical Sciences, 3Dept Molecular Biotechnology and Health Science, Univ Torino, Torino, Italy.
Symposium 40

Early diagnosis of renal diseases in children and young adults

Chairs: Patrick Niaudet, Paris, France
Rezan Topaloglu, Ankara, Turkey

Early diagnosis of chronic glomerular diseases in children: isolated microscopic haematuria
Asaf Vivante, Tel Aviv, Israel

Early detection of isolated microscopic haematuria or moderate proteinuria in adolescent and young adults
Alessandro Amore, Turin, Italy

Diagnosis of renal disease in adults before too late referral
Manuel Praga, Madrid, Spain

The role of molecular genetics in diagnosing familial haematuria
Constantinos Deltas, Nicosia, Cyprus
Symposium 41

Pre-emptive and living kidney transplantation: the way to improve patient outcomes?
ESOT-DESCARTES Joint Symposium

Chairs: Rainer Oberbauer, Vienna, Austria
Julio Pascual, Barcelona, Spain

The relationship between dialysis vintage and kidney transplant outcomes
Rainer Oberbauer, Vienna, Austria

Pre-emptive transplantation with either a deceased or living donor: why, when?
Daniel Abramowicz, Brussels, Belgium

Outcomes after living kidney donation
Geir Mjøen, Oslo, Norway

The work-up of a living donor
Uwe Heemann, Munich, Germany
FREE COMMUNICATIONS

★ TO007
MACROPHAGE MIGRATION INHIBITORY FACTOR (MIF) - A NOVEL ENDOGENEOUS FIBROSIS LIMITING FACTOR
Sonja Djudjaj,1,2 Hongqi Lue,3 Torsten Urzinicok,4 Daniel Engel,4 Ina V. Martin,1 Eva M. Buhl,1,2 Jürgen Floege,1 Tammo Ostendorf,1 Jürgen Bernhagen,3 Peter Boor,1,2
1Div Nephrology, 2Inst Pathology, 3Dept Biochemistry and Molecular Cell Biology, RWTH Univ, Aachen, Germany; 4Inst Experimental Immunology, Univ Bonn, Bonn, Germany.

FREE COMMUNICATIONS

★ TO008
EXTRACELLULAR VESICLES DERIVED FROM ENDO-THelial PROGENITOR CELLS INHIBIT PROGRESSION TOWARD CHRONIC KIDNEY DISEASE AND FIBROSIS BY A RNA-DEPENDENT MECHANISM
Vincenzo Cantaluppi,1 Davide Medica,1 Claudio Mannari,2 Federico Figliolini,1 Massimiliano Migliori,3 Vincenzo Panchi,3 Ciro Tetta,4 Giovanni Camussi,1
1Nephrology, Dialysis and Renal Transplantation Unit, Univ Torino, Torino, Italy; 2Dept Neurosciences, Univ Pisa, Pisa, Italy; 3Nephrology and Dialysis Unit, Versilia Hosp, Lido di Camaiore, Italy; 4Fresenius Medical Care, Bad Homburg, Germany.

★ TO009
PARIETAL PODOCYTES - TRANSDIFFERENTIATION FROM PARIETAL EPITHELIAL CELLS OR MIGRATION OF PODOCYTES?
Kevin Schulte,1 Katja Berger,1 Eva Maria Sicking,1 Peter Boor,2 Peggy Jirak,1 Larissa Thevissen,1 Astrid Fuß,1 Wilhelm Kriz,3 Jürgen Floege,1 Bart Sneets,1 Marcus J. Möller,1
1Nephrology and Immunology, 2Pathology, RWTH Univ Aachen, Aachen, Germany; 3Div Anatomy, Medical Fac Mannheim / Univ Heidelberg, Mannheim, Germany.

TO010
NECROTIC GLOMERULAR CELLS RELEASE HISTONES THAT TRIGGER GLOMERULAR INFLAMMATION AND CRESCENT FORMATION IN GLOMERULONEPHRITIS

TO011
INVolvEMENT OF heparANASE IN THE PATHOGENEsis OF GLOMERULAR DISEASES
Suheir Assady,1,2 Joel Alter,1,2 Michael Litvak,1 Neta Ilan,2 Israel Vlodavsky,2 Zaid Abassi,1,2
1Rambam Health Care Campus, Haifa, Israel; 2Rappapot Fac Medicine, Technion-IIT, Haifa, Israel.
**FREE COMMUNICATIONS**

★ TO012
DYSFUNCTIONAL HIGH-DENSITY LIPOPROTEIN (HDL) IN CHRONIC KIDNEY DISEASE (CKD): A PROSPECTIVE OBSERVATIONAL TRIAL OF 3,306 PATIENTS

Stephen Zewinger,1 Timo Speer,1 Marcus E. Kleber,2 Tina Martin,1 Winfried März,3 Danilo Fliser.1
1Dept Internal Medicine IV - Nephrology and Hypertension, Saarland Univ Hosp, Homburg / Saar, Germany; 2Dept Public Health, Social and Preventive Medicine, Mannheim Medical Fac, Univ Heidelberg, Mannheim, Germany; 3Synlab Center Lab Diagnostics, Heidelberg, Germany.

★ TO013
FEBUXOSTAT IMPROVES GFR AND BP IN NON-DIABETIC ADULTS WITH CKD 2-3

Dmitri D. Ivanov,1 Mariia D. Ivanova.2
1Nephrology and RRT Dept, National Medical Academy Postgraduate Education named P. Shupik, Kiev, Ukraine; 2Pathology Dept, National Medical Univ named by O. Bogomolets, Kiev, Ukraine.

**Mini Lecture**

KDIGO guidelines for lipid management in CKD

Christoph Wanner, Würzburg, Germany

**FREE COMMUNICATIONS**

TO014
HYPERTENSIVE URGENCIES WITH HYPOVOLEMIA IN CKD PATIENTS

Alexandru Ciocalteu,1,2 Daniela Radulescu,1,2 Andrei Niculae,1,2 Alexandru-Ionel Checherita,1,2 Ileana Peride.1,2
1Nephrology and Dialysis, Carol Davila Univ Medicine and Pharmacy, Bucharest, Romania; 2Nephrology and Dialysis, St. John Emergency Clinical Hosp, Bucharest, Romania.
TO015  
RENAL ARTERY STENOSIS IS PREDICTIVE OF CARDIO-VASCULAR EVENTS IN PATIENTS AFFECTED BY ISCHEMIC HEART DISEASE  
Carmelita Marcantoni,1 Stefania Rastelli,2 Luca Zanoli,2 Julien Blanco,2 Giovanni Tripepi,4 Corrado Tamburino,3 Pietro Castellino.2  
1Cannizzaro Hosp, Div Nephrology, Catania, Italy; 2Univ Catania, Dept Internal Medicine, Catania, Italy; 3Univ Catania, Dept Cardiology, Catania, Italy; 4CNR-IBIM, Reggio Calabria, Italy.

★ TO016  
BRAIN WHITE MATTER MICROSTRUCTURE USING DIFFUSION TENSOR IMAGING AND COGNITIVE IMPAIRMENT IN HAEMODIALYSIS PATIENTS  
Mohamed T Eldehni,1 Aghogho Odudu,1 Christopher W McIntyre.1,2  
1Dept Renal Medicine, Royal Derby Hosp, Derby, UK; 2Univ Nottingham, Derby, UK.
SCIENTIFIC PROGRAMME

ROOM CAMLICA  08:00 - 09:30

Free Communication Session 25

Diabetes - basic research

Chairs: Jesus Egido, Madrid, Spain
Bo Feldt-Rasmussen, Copenhagen, Denmark

FREE COMMUNICATIONS

TO018
ONCOSTATIN M-MEDIATED EFFECTS ON TNF-a- AND IL-1b-INDUCED EXPRESSION OF CCL5/RANTES, TSP-1 AND TNC IN HUMAN PROXIMAL TUBULAR CELLS.
Rita Sarkozi, Markus Pirklbauer, Gert Mayer, Herbert Schrammek.
Dept Internal Medicine IV, Nephrology and Hypertension, Innsbruck Medical Univ, Innsbruck, Austria.

TO019
HEPATOCYTE GROWTH FACTOR GENE THERAPY ENHANCES M2 MACРОPHAGES AND MAY INDUCE KIDNEY REPAIR IN A MOUSE MODEL OF DIABETIC NEPHROPATHY
Maria Flaquer,1 Marcel.La Franquesa,1 August Vidal,2 Nuria Bolaños,1 Joan Torras,1 Nuria Lloberas,1 Josep M Grinyo,1 Josep M Cruzado.1
1Nephrology, IDIBELL, Hospitalet de Llobregat, Barcelona, Spain; 2Physiology, HUB, Hospitalet de Llobregat, Barcelona, Spain.

TO020
ATP-P2X4 SIGNALING MEDIATES NLRP3 INFLAMMASOME ACTIVATION:A NOVEL PATHWAY OF DIABETIC NEPHROPATHY.
Kehong Chen, Weiwei Zhang, Jianguo Zhang, Jinghua Zhang, Yani He.
Dept Nephrology, Daping Hosp, Third Military Medical Univ, Chongqing, China.

TO021
PBI-4050, A NOVEL FIRST-IN-CLASS ANTI-FIBROTIC COMPOUND, REDUCES KIDNEY HYPERFILTRATION, PROTEINURIA, HEPATIC STEATOSIS, AND THE EXPRESSION OF INFLAMMATORY/FIBROTIC MARKERS IN KIDNEY AND LIVER IN DIABETIC DB/DB MOUSE MODEL.
ProMetic BioSciences Inc., Laval, QC, Canada.
THE CCR2 ANTAGONIST CCX140 IMPROVES RENAL FUNCTION IN TWO TYPES OF DIABETIC MICE EXPRESSING HUMAN CCR2

ChemoCentryx Inc., Mountain View, CA, USA.
Young Nephrologists Platform (YNP)

The Young Nephrologists’ Platform (YNP) is a new committee of the ERA-EDTA, the aims of which are to involve young nephrologists in all the various activities of the Association with a different approach to old themes and the proposal of new ones.

Chairs: Miklos Zsolt Molnar, Budapest, Hungary
Andrzej Wiecek, Katowice, Poland

Introduction of the Young Nephrologists Platform: aims and possibilities. We are here, join us!
Miklos Zsolt Molnar, Budapest, Hungary
Andrzej Wiecek, Katowice, Poland

Result of our first survey: what do the members of ERA-EDTA expect from YNP?
Miklos Zsolt Molnar, Budapest, Hungary

Future scientific perspective of young nephrologist in Europe: young scientist point of view
Davide Bolignano, Reggio Calabria, Italy

Future scientific perspective of young nephrologist in Europe: experienced scientist point of view
Carmine Zoccali, Reggio Calabria, Italy

Plan and future activities of YNP
Kultigin Turkmen, Erzincan, Turkey

Closure
Miklos Zsolt Molnar, Budapest, Hungary
**Ultrasound in Nephrology**

Chairs: **Bernd Krumme**, Wiesbaden, Germany  
**Ivan Rychlik**, Prague, Czech Republic

**Introduction**  
**Bernd Krumme**, Wiesbaden, Germany

**B-mode Ultrasound of the Kidney**  
**Bernd Krumme**, Wiesbaden, Germany

Diagnostic approach to renal artery stenosis with Doppler sonography  
**Moreno Bardelli**, Trieste, Italy

Controversial role of resistance indices in renovascular hypertension  
**Aso Saeed**, Gothenburg, Sweden

**Break and “meet the professor”**

Contrast enhanced Ultrasound (CEUS) of the kidney  
**Konrad Stock**, Munich, Germany

Doppler sonography and AV-fistulae  
**Jan H. Tordoir**, Maastricht, The Netherlands

Final remarks  
**Bernd Krumme**, Wiesbaden, Germany
Plenary Lecture 3

Improving outcome of patients with CKD: diets and enteral supplements
T. Alp Ikizler, Nashville, USA
ERA-EDTA GENERAL ASSEMBLY

ROOM BEYLERBEYI 10:30 - 11:30

The admission to the General Assembly is strictly reserved to ERA-EDTA Members only. Members should have their ERA-EDTA membership cards to show in order to enter the room for the General Assembly. All ERA-EDTA Members (Full and Associate) can participate with voice during the meeting, however vote is only possible for Full Members.
Symposium 42

**Kidney in sepsis**

**Chairs:** Belda Dursun, Denizli, Turkey  
Jan T. Kielstein, Hanover, Germany

Sepsis in the ICU: cause or consequence of AKI?  
**Jill Vanmassenhove,** Ghent, Belgium

Fluid management in septic AKI: liberal vs. restrictive  
**Achim Joerres,** Berlin, Germany

Non dialysis extracorporeal techniques for treatment of patients with kidney injury in the ICU  
**Bernd Stegmayr,** Umea, Sweden

**FREE COMMUNICATIONS**

★TO023  
**THE PREDICTIVE VALUE OF URINARY TUBULAR PROTEINS COMPARED TO NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN FOR SEPTIC AND NON-SEPTIC ACUTE KIDNEY INJURY IN THE CRITICALLY ILL**  
Gijs Fortrie,1 Hilde R De Geus,2 Michiel G Betjes,1 Ron H Van Schaik,3 Johan Groeneveld.2  
1Nephrology, 2Intensive care, 3Clinical chemistry, Erasmus Medical Center, Rotterdam, Netherlands.

TO024  
**ASSOCIATION BETWEEN REGIONAL CITRATE ANTICOAGULATION AND ENHANCED PERMEABILITY HEMODIALYZERS LIMITS SEPSIS-ASSOCIATED ACUTE KIDNEY INJURY THROUGH THE INCREASED CLEARANCE OF INFLAMMATORY CYTOKINES (IL-6) AND MICROVESICLES**  
Vincenzo Cantaluppi,1 Federico Figliolini,1 Davide Medica,1 Alessandro D Quercia,1 Paola Inguaiggiato,2 Alfonso Pacitti,2 Giovanni Camussi,1 Ciro Tetta.3  
1Nephrology, Dialysis and Kidney Transplantation Unit, Univ Torino, Torino, Italy, Italy; 2Nephrology and Dialysis, Cuneo Hosp, Cuneo, Italy, Italy; 3Fresenius Medical Care, Bad Homburg, Germany, Germany.
Symposium 43

*Amyloidosis, light chain nephropathy and myeloma*

Chairs: Suheir Assady, Haifa, Israel  
Laszlo Rosivall, Budapest, Hungary

News in amyloid treatment  
Andrew Davenport, London, UK

Approach to multiple myeloma patients presenting with renal involvement  
Meral Beksac, Ankara, Istanbul

Recent trials of treatment with rituximab for severe cryoglobulinemic vasculitis  
Dario Roccatello, Turin, Italy

Renal consequences of lymphoproliferative diseases  
Elena Zakharova, Moscow, Russia
Symposium 44

**Peritoneal dialysis news**

Chairs: **Giovanni Cancarini**, Brescia, Italy  
**Simon Davies**, Stoke-on-Trent, UK

Proteomics of PD effluent: can we identify novel biomarkers of membrane injury?  
**Tim Johnson**, Sheffield, UK

Fluid management in PD: does bioimpedance add value to clinical management?  
**Simon Davies**, Stoke-on-Trent, UK

Chest ultrasound and hidden lung congestion in peritoneal dialysis patients  
**Giuseppe Enia**, Reggio Calabria, Italy

PD solutions and clinical outcomes: how will BalANZ and IMPENDIA-EDEN change practice?  
**Andreas Vychytil**, Vienna, Austria
Symposium 45

Management of diabetes in advanced CKD

Chairs: Hulya Taskapan, Malatya, Turkey
Pieter ter Wee, Amsterdam, The Netherlands

Management of diabetes in advanced CKD: the ERBP view
Henk J.G. Bilo, Zwolle, The Netherlands

RRT Modality Selection in diabetics
Cécile Couchoud, Saint-Denis La Plaine, France

New-onset diabetes after kidney transplantation
Bo Feldt-Rasmussen, Copenhagen, Denmark

FREE COMMUNICATIONS

TO025
THE NATURAL HISTORY OF PREDIABETES AND NEW ONSET DIABETES AFTER TRANSPLANTATION.
Esteban Porrini,1 Irene Silva,2 Meritxell Ibernon,4 Benitez Rocio,3 Joan Manuel Diaz,2 Patricia Delgado Mallen,1 Jose Manuel Osorio,5 Francesc Moreso,4 Armando Torres.1
1Research Unit, Hosp Univ Canarias, La Laguna, Spain; 2Nephrology Unit, Fund Puigvert, Barcelona, Spain; 3Nephrology, Hosp Cruces, Bilbao, Spain; 4Nephrology, Hosp Vall d’Hebron, Barcelona, Spain; 5Nephrology, Hosp Virgen de las Nieves, Granada, Spain.

TO026
VILDAGLIPTIN IN NEW-ONSET DIABETES AFTER KIDNEY TRANSPLANTATION IS SAFE AND EFFICIENT -RESULTS FROM THE VIENNA VINODAT TRIAL
Michael Haidinger,1 Johannes Werzowa,1 Manfred Hecking,1 Gunar Stemer,2 Johannes Pleiner,1 Chantal Kopecky,1 Giovanni Pacini,3 Marlies Antlanger,1 Marcus D Säemann.1
1Medical Univ Vienna, Vienna, Austria; 2Pharmacy Dept, Vienna General Hosp, Vienna, Austria; 3National Research Council Inst Biomedical Engineering, Padua, Italy.
**Nutrition and inflammation**

Chairs: Denis Fouque, Lyon, France  
Markus Ketteler, Coburg, Germany

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**FREE COMMUNICATIONS**

**TO027**  
LONGITUDINAL PREDICTORS OF C-REACTIVE PROTEIN IN HEMODIALYSIS PATIENTS: RESULTS FROM THE MONDO INITIATIVE  
Rakesh Malhotra,1 Yuedong Wang,3 Peter Kotanko,2 Daniele Marcelli,4 Aileen Grassmann,4 Cristina Marelli,5 Michael Etter,6 Len Usyvat,2 Mondo Consortium.2  
1UMDNJ, Newark, NJ, USA; 2RRI, New York, NY, USA; 3UCSB, Santa Barbara, CA, USA; 4FMC, Bad Homburg, Germany; 5FMC, Buenos Aires, Argentina; 6FMC, Hongkong, Hong Kong SAR, China.

**TO028**  
The influence of race and ethnicity on the association between body composition and inflammation in patients with chronic kidney disease: findings from the CRIC study  
Kevin Sterling,1 Wei Yang,2 Valerie Teal,2 Sankar D Naveenethan,3 Akinlolu Ojo,4 Muredach Reilly,2 Melanie Glenn,2 Sylvia Rosas,2 Nicolas Guzman,1 Magda Cuevas,2 Michael Fischer,5 Eva Lustigova,6 Stephen Master,2 Dawei Xie,2 Dina Appleby,2 Marshall Joffe,2 John Kusek,7 Harold Feldman,2 Dominic S Raj,1 Maria R Wing,1  
1Renal Disease and Hypertension, George Washington Univ, Washington, DC, USA; 2Univ Pennsylvania, Philadelphia, PA, USA; 3Nephrology and Hypertension, Cleveland Clinic, Cleveland, OH, USA; 4Internal Medicine, Univ Michigan, Ann Arbor, MI, USA; 5Medicine, Univ Illinois, Chicago, IL, USA; 6Epidemiology, Tulane Univ, New Orleans, LA, USA; 7DKUHD, NIDDK, Bethesda, MD, USA.

**TO029**  
Effects of weight loss in obese patients with impaired renal function: a systematic review  
Davide Bolignano, Carmine Zoccali.  
CNR-Inst Biomedicine and Molecular Immunology, Reggio Calabria, Italy.
Mini Lecture
Nutritional and metabolic support in critically ill patients with AKI
Enrico Fiaccadori, Parma, Italy

FREE COMMUNICATIONS

TO030
PLASMA AND URINARY AMINO ACID PROFILES IN CKD PATIENTS STAGE 2 TO HEMODIALYSED
Flore Duranton,1 Nathalie Gayrard,1 Ulrika Lundin,4 Harald Mischak,5 Klaus Weinberger,4 Georges Mourad,2 Michel Aparicio,6 Àngel Argilés,1,2,3 1RD Néphrologie, Montpellier, France; 2CHU Montpellier, Montpellier, France; 3Néphrologie Dialyse Saint Guilhem, Sète, France; 4BIOCRATES Life Sciences AG, Innsbruck, Austria; 5Mosaiques Diagnostics & Therapeutics, Hannover, Germany; 6CHU Bordeaux, Bordeaux, France.

TO031
PLASMA LEVELS OF THE PROTEIN-BOUND UREMIC RETENTION MOLECULES P-CRESYL SULFATE AND INDOXYL SULFATE INVERSELY RELATE TO SOLUBLE KLOTHO LEVELS IN CKD PATIENTS.
Liesbeth Viaene,2 Bjorn Meijers,2 Andreas Serra,1 Pieter Evenepoel,2 1Div Nephrology, Univ Zurich, Inst Physiology, Zurich, Switzerland; 2Nephrology, Catholic Univ Leuven, Leuven, Belgium.
**Renal physiology and kidney stones**

Chairs: **Pascal Houillier**, Paris, France  
**Piergiorgio Messa**, Milan, Italy

**FREE COMMUNICATION**

**TO032**  
**KIDNEY STONES AND CARDIOVASCULAR EVENTS: A COHORT STUDY**  
R Todd Alexander, Susan Samuel, Natasha Wiebe, Aminu Bello, Scott Klarenbach, Gary C Curhan, **Marcello Tonelli**, Brenda Hemmelgarn.  
Alberta Kidney Disease Network, Alberta, Canada.

**Mini Lecture**  
Is there a risk of cardiovascular disease in renal stone formers?  
**Giovanni Gambaro**, Rome, Italy

**FREE COMMUNICATIONS**

**TO033**  
**CALCIUM SENSINSING RECEPTOR INFLUENCES THE EXPRESSION OF CLAUDIN 14 IN LOOP OF HENLE THICK ASCENDING TRACT**  
Alessandra Mingione,1 Annalisa Terraneagra,1 Andrea Aloia,1 Teresa Arcidiacono,2 Caterina Brasacchio,1 Jianghui Hou,3 Giacomo Dell’antonio,2 Giuseppe Vezzoli,2 Laura Soldati.1  
1Milan Univ, Milano, Italy; 2S. Raffaele Hosp, Milano, Italy; 25. Raffaele Hosp, Milan, Italy; 2S. Raffaele Hosp, Milan, Italy; 3Washington Univ, St Louis, MO, USA.

**TO034**  
**POSSIBLE CORRELATION OF DOWN-REGULATED CLAUDIN-16, TIGHT JUNCTION MOLECULE IN TAL, WITH LOWERED MAGNESIUM REABSORPTION ASSOCIATED WITH TUBULO-INTERSTITIAL NEPHROPATHY**  
Taisuke Shimizu,1 Hajime Hasegawa,1 Kaori Takayanagi,1,2 Akira Ikari,3 Chie Noiri,1 Takatsugu Iwashita,1 Yosuke Taya-  
a,1 Juko Asakura,1 Naohiko Anzai,4 Tatsuro Sano,1 Tomo-  
nari Ogawa,1 Akihiko Matsuda,1 Tetsuya Mitarai.1  
1Dept Nephrol & Hypertens, Saitama Med Center, Saitama
Mini Lecture
Novel mechanisms for Aquaporin trafficking

Robert Fenton, Aarhus, Denmark
Free Communication Session 28 + Mini Lecture

**Tubular ischemia and toxicity**

Chairs: **Andreas Kribben**, Essen, Germany  
**Halima Resic**, Sarajevo, Bosnia and Herzegovina

**FREE COMMUNICATION**

**TO035**  
ENDOTHELIAL PROGENITOR CELL-DERIVED EXTRA-CELLULAR VESICLES INHIBIT KIDNEY ISCHEMIA-REPERFUSION INJURY THROUGH THE TRANSFER OF mRNAs CODING FOR COMPLEMENT INHIBITORS TO INJURED TUBULAR EPITHELIAL AND ENDOTHELIAL CELLS  
Vincenzo Cantaluppi,1 Davide Medica,1 Federico Figliolini,1 Stefano Gatti,2 Stefania Bruno,1 Alessandro D Quercia,1 Sergio Dellepiane,1 Luigi Biancone,1 Ciro Tetta,3 Giovanni Camussi,1  
1Nephrology, Dialysis and Renal Transplantation Unit, Univ Torino, Torino, Italy; 2Osp Maggiore Policlinico, Milano, Italy; 3 Fresenius Medical Care, Bad Homburg, Germany.

**Mini Lecture**  
Etiology and epidemiology of Balkan endemic nephropathy  
**Nikola Pavlovic**, Nis, Serbia

**FREE COMMUNICATIONS**

**★TO036**  
CONDITIONAL DELETION OF MACROPHAGES PROTECTS AGAINST ARISTOLOCHIC ACID NEPHROPATHY IN MICE  
Li Zhou,1,2 Xiaoyu Dai,1,2 Mei Feng,1 Xiaoru Huang,2 Ping Fu,1 Hui Yao Lan,2  
1Div Nephrology, Dept Medicine, West China Hosp Sichuan Univ, Chengdu, Sichuan Province, China; 2CUHK Shenzhen Research Inst, Shenzhen; Dept Medicine and Therapeutics, and Li Ka Shing Inst Health Sciences CUHK, Hong Kong, China.
TO037
CD40 GENE SILENCING PREVENTS WARM RENAL ISCHEMIA-REPERFUSION INJURY
Laura De Ramon,1 Elia Ripoll,1 Leonella Luzardo,2 Ana Merino,1 Nuria Bolaños,1 Nuria Lloberas,1 Josep M Cruzado,1 Josep M Grinyó,1 Juan Torras.1
1Nephrology, Idibell, Hospitalet de Llobregat, Barcelona, Spain; 2Nephrology, Hosp Clínicas, Montevideo, Uruguay.

TO038
THE ROLE OF MICRORNAS IN RENAL ISCHEMIA-REPERFUSION INJURY
Tamás Kaucsár, Csaba Révész, Maria Godó, Zsuzsanna Rácz, Róbert Tarszabó, Peter Hamar.
Dept Pathophysiology, Semmelweis Univ, Budapest, Hungary.

TO039
THE ROLE OF THE SIGMA-1 RECEPTOR – AKT - ENOS PATHWAY IN RENAL ISCHEMIA/REPERFUSION INJURY.
 Nóra F Bánki,1 Ádám Hosszú,1 Zsuzsanna Antal,2 Sándor Kőszegi,1 László Wagner,3 Renáta Gellai,1 Lilla Lénárt,1 Ádám Vannay,4 Vera Müller,5 Attila J Szabó,2 Tivadar Tulassey,2 Andrea Fekete.1
Heart and bone in CKD - B

Chairs: David Goldsmith, London, UK
Alaattin Yildiz, Istanbul, Turkey

Mini Lecture
Alikiren effect on bradykinin and tissue kallikrein in the hearth
Duncan J. Campbell, Melbourne, Australia

FREE COMMUNICATIONS

TO041
INHIBITION OF RENIN-ANGIOTENSIN SYSTEM WAS ASSOCIATED WITH LOWER HOSPITIZATION RATE DUE TO BONE FRACTURE IN HAEMODIALYSIS PATIENTS WITH SECONDARY HYPERPARATHYROIDISM
Suguru Yamamoto,1 Ryo Kido,2,3 Yoshihiro Onishi,2 Shin-go Fukuma,2,3 Noriaki Kurita,3 Tadao Akizawa,4 Masafumi Fukagawa,5 Junichiro James Kazama,1 Narita Ichiei,1 Shunichi Fukuhara,3
1Niigata Univ Graduate School Medical and Dental Sciences, Niigata, Japan; 2Inst Health Outcomes and Process Evaluation Research (iHOPE International), Kyoto, Japan; 3Kyoto Univ Fac Medicine, Kyoto, Japan; 4Showa Univ School Medicine, Tokyo, Japan; 5Tokai Univ School Medicine, Isehara, Japan.

TO042
BONE DISEASE THERAPY IN CKD CAN INFLUENCE LEVELS VITAMIN K DEPENDENT PROTEINS (VIKI STUDY)
Maria Fusaro,1 Marianna Noale,1 Giovanni Tripepi,2 Antonio Piccoli,3 Agostino Naso,4 Sandro Giannini,5 Davide Miozzo,3 Chiara Venturelli,6 Angelo Pica,6 Giuliano Bruno-ri,6 Rosalba Cristofaro,3 Maurizio Gallieni.7
1CNR - Inst Neuroscience, Aging Section, Padua, Italy; 2CNR - Ist Biometeorologia, Reggio Calabria, Italy; 3Nephrology Unit, Univ Padua, Padua, Italy; 4Nephrology and Dialysis Unit, Hosp Padua, Padua, Italy; 5Clinica Medica1^, Univ Padua, Padua, Italy; 6Nephrology and Dialysis Unit, Hosp Trento, Trento, Italy; 7Nephrology and Dialysis Unit, Hosp San Carlo Borromeo, Milan, Italy.
TO043  
PHOSPHATE BINDERS AND FIVE-YEAR MORTALITY IN PREVALENT HAEMODIALYSIS PATIENTS  
James R Smith, Colin C Geddes, Neal Padmanabhan.  
Dept Renal Medicine, Glasgow Renal and Transplant Unit, Western Infirmary, Glasgow, UK.

TO044  
A CASE-CONTROL STUDY OF CALCIPHYLAXIS IN END-STAGE RENAL DISEASE PATIENTS IN FRANCE  
Aurélien Lorthioir,1 Dominique Guerrot,1 Stéphane Edet,2 Mélanie Hanoy,1 Dominique Bertrand,1 Frank Le Roy,1 Michel Godin,1  
1Serv Néphrologie, Dialyse et Transplantation Rénale, CHU Rouen, Rouen, France; 2Serv Néphrologie et Dialyse, CH Dieppe, Dieppe, France.
INDUSTRY SPONSORED SYMPOSIA

Sunday, May 19, 2013 12:30-14:15

Usküdar  
Rumeli B  
Beyazit  
Emirgan  
Camlica  
Beylerbeyi  
Rumeli A  
Hamidiye

Amgen  
Fresenius Medical Care  
Sanofi  
Gambro  
Otsuka Pharmaceutical Europe  
Fresenius Kabi  
Takeda  
AbbVie

page 430 431 432 433 434 435 436 437

Monday, May 20, 2013 12:30-14:15

Usküdar 2  
Rumeli B  
Beyazit  
Emirgan  
Camlica  
Beylerbeyi  
Rumeli A  
Hamidiye

Genzyme  
Fresenius Medical Care  
AbbVie  
Alexion Pharma International  
Baxter  
Vifor Pharma  
B.Braun  
Novartis Oncology

page 438 439 440 441 442 443 444 445
Recent developments in CKD-MBD and anaemia management

Chair: Angel L.M. de Francisco, Santander, Spain

Calcimimetics: Past, present and future
John Cunningham, London, UK

EVOLVE results and clinical implications
David Wheeler, London, UK

The evolving landscape of anaemia management in Europe
Jan-Christoph Galle, Lüdenscheid, Germany

Organised by AMGEN
INDUSTRY SPONSORED SYMPOSIA

Sunday, May 19 12:30-14:15
Room Rumeli B

Emerging Concept: High Volume Matters in Haemodiafiltration (HighVolumeHDF)

Chairs: Stefan Jacobson, Stockholm, Sweden
       Francesco Locatelli, Lecco, Italy

Current Evidence of Clinical Studies on Online-Haemodiafiltration
Peter Blankestijn, Utrecht, The Netherlands

New Clinical Evidence for High-Volume Online-Haemodiafiltration: The ESHOL Study
Francisco Maduell, Barcelona, Spain

Facilitating High Convective Doses: Which knobs to turn to achieve HighVolumeHDF?
Bernard Canaud, Bad Homburg, Germany

Organised by FRESENIUS MEDICAL CARE
Sunday, May 19
Room Beyazit

Identification and Management of Risk Factors in CKD-MBD: What New Data Reveal

Chair: Siren Sezer, Ankara, Turkey

Role of FGF2-3 in phosphate and calcium homeostasis in health and in CKD
Myles Wolf, Miami, USA

Calcium balance, calcium use and cardiovascular disease in healthy men and women and in those with CKD
Sophie Jamal, Toronto, Canada

Organised by SANOFI
**INDUSTRY SPONSORED SYMPOSIA**

***Sunday, May 19***  
**Room Emirgan**

**12:30-14:15**

**Is there a need for more permeable dialysis membranes in ESRD?**

Chair: **Claudio Ronco**, Vicenza, Italy

What roles do large uremic solutes have for the high morbidity and mortality in patients on dialysis?  
**Richard Ward**, Louisville, USA

Can chronic inflammation in hemodialysis patients be modified by the dialysis treatment?  
**Paul Cockwell**, Birmingham, UK

Hyporesponsiveness to ESA therapy - Can it be addressed by more permeable dialysis membranes?  
**Ugo Teatini**, Milan, Italy

Organised by **GAMBRO**
Treating hyponatraemia secondary to SIADH; patient case studies, step-by-step processes and clinical outcomes

Chair: Norbert Lameire, Ghent, Belgium

Welcome and introduction
Norbert Lameire, Ghent, Belgium

Case Studies: Treating hyponatraemia secondary to SIADH

Pre-operative hyponatraemia
OR
Hospital-acquired hyponatraemia
Sunil Bhandari, Hull, UK

Hyponatraemia in oncology
OR
Hyponatraemia in pulmonary infections/diseases
Volker Burst, Cologne, Germany

Post-operative hyponatraemia
OR
Drug-induced hyponatraemia
Esteban Poch, Barcelona, Spain

Organised by OTSUKA PHARMACEUTICAL EUROPE
Evolving role of Ketoanalogues in the management of CKD

Chair: Denis Fouque, Lyon, France

Ketosteril for pre-dialysis CKD patients: new data from Romania
Liliana Garneata, Bucharest, Romania

Ketosteril for dialysis patients: experiences from Czech
Vladimir Teplan, Prague, Czech Republic

Organised by FRESENIUS KABI
Sunday, May 19 12:30-14:15
Room Rumeli A

Where East meets West - bridging science and clinical practice in renal anaemia

Chair: Anatole Besarab, Detroit, USA

Current and future advances in anaemia management: A brighter future ahead?
Iain Macdougall, London, UK

Hepcidin: More than an evolution in our scientific understanding?
Herbert Lin, Boston, USA

Stem cell therapy: The future of chronic kidney disease?
Laura Perin, Los Angeles, USA

Organised by TAKEDA
Unmet Needs & Future Research in Nephrology

Chair: David Goldsmith, London, UK

Introduction: Trends and hot topics in nephrology research
David Goldsmith, London, UK

Targets for research in diabetic nephropathy
Dick de Zeeuw, Groningen, The Netherlands

Targets for research in acute kidney injury
Andrew Lewington, Leeds, UK

Symposium Summary
David Goldsmith, London, UK

Organised by ABBVIE
Chronic Kidney Disease: Could it be Fabry Disease?

Chair: Christoph Wanner, Würzburg, Germany

Welcome and symposium introduction
Christoph Wanner, Würzburg, Germany

Differential diagnosis of Chronic Kidney Disease and pointers to Fabry Disease
(session includes a case presentation and discussion)
Christoph Wanner, Würzburg, Germany

Importance of monitoring and treating proteinuria
(session includes a case presentation and discussion time)
David G. Warnock, Birmingham, USA

Organised by GENZYME
Binding of Phosphate and Potassium in CKD Patients. Are We Doing Things Right at Present?

Chairs: Markus Ketteler, Coburg, Germany
Adrian Covic, Iasi, Romania

Using a CaMg phosphate binder in clinical routine
Angel LM de Francisco, Santander, Spain

Unmet medical needs in the management of hyper-phosphataemia
Jürgen Flöge, Aachen, Germany

Potassium control in CKD - an update
Michel Jadoul, Leuven, Belgium

Organized by FRESENIUS MEDICAL CARE
RENAL PHARMA
Role of Vitamin D Receptor Activation in Achieving Treatment Targets in CKD

Chair: Vincent Brandenburg, Aachen, Germany

From KDOQI to KDIGO and back again: What comes next?
Jordi Bover, Barcelona, Spain

Clinical characteristics of Vitamin D receptor activation
Mario Cozzolino, Milan, Italy

Vitamin D resistance and failure
Armando Negri, Buenos Aires, Argentina

Organised by ABBVIE
Practical challenges in managing thrombotic microangiopathies (TMAs)

Chair: Oğuz Söylemezoğlu, Ankara, Turkey

Considerations in diagnosing TMAs
Franz Schäfer, Heidelberg, Germany

Treatment of aHUS in native and non-native kidney
Neil Sheerin, Newcastle, UK

Closing Remarks
Oğuz Söylemezoğlu, Ankara, Turkey

Organised by ALEXION PHARMA INTERNATIONAL
How do I do that? Answers to common questions in dialysis practice

Chairs: Cengiz Utas, Kayseri, Turkey
Peter Rutherford, Zurich, Switzerland

Welcome and introduction

How should I dialyse the patient waiting for transplantation?
Ali Abu Alfa, Beirut, Lebanon and New Haven, USA

Dialysing the diabetic patient - how can I improve outcomes?
Loreto Gesualdo, Bari, Italy

The 2-day gap - how can I improve care of my haemodialysis patients?
Virpi Rauta, Helsinki, Finland

How can I set up a home dialysis program and support patients at home?
Carmen Ruiz, Grenada, Spain

How can I help patients to make the right decisions about dialysis options?
Andrew Mooney, Leeds, UK

Q and A session

Summary and concluding remarks

Organised by BAXTER
Monday, May 20 12:30-14:15
Room Beylerbeyi

Achieving the Right Balance in Renal Anaemia Management

Chairs: Kai-Uwe Eckardt, Erlangen, Germany
Gültekin Süleymanlar, Antalya, Turkey

Anaemia Management: The Past - The Present - The Future
Iain Macdougall, London, UK

Balancing the Benefit-Risk of Anaemia Management with Iron and ESA
Jeffrey Berns, Philadelphia, USA

Pathophysiologal and Pharmacological Basic Concepts of Anaemia Management
Günter Weiss, Innsbruck, Austria

Organised by VIFOR PHARMA and FRESENIUS MEDICAL CARE
Hemodiafiltration controversy: Where do we stand after CONTRAST?

Chair: Walter Hörl, Vienna, Austria

Co-Chair: PRO-statement
The improvement of outcomes by HDF has unequivocally been demonstrated
Peter J. Blankestijn, Utrecht, The Netherlands

Co-Chair: CON-statement
To date, there is no clear evidence that HDF is superior
Christopher McIntyre, Nottingham, UK

Panel discussion with questions from the auditorium - invited discussants:
Christopher McIntyre, Nottingham, UK
Peter J. Blankestijn, Utrecht, The Netherlands
James Tattersall, Leeds, UK
Francesco Locatelli, Lecco, Italy

Organised by B.BRAUN
INDUSTRY SPONSORED SYMPOSIA

Monday, May 20 12:30-14:15
Hamidiye Room

Advancements in the Treatment of TSC-Associated Angiomyolipoma: Paving the Path for Optimum Care in Children and Adults

Chair: Çağ Çal, Izmir, Turkey

The Arduous Road: Correct diagnosis to optimum treatment
Çağ Çal, Izmir, Turkey

Insights into the mTOR Pathway: Molecular Genetics of TSC and TSC-Associated Angiomyolipoma
Chris Kingswood, Brighton, UK

Targeted Management of Renal Angiomyolipomas: mTOR inhibitors, a new frontier
Andreas Serra, Zürich, Switzerland

Organised by NOVARTIS ONCOLOGY
SATURDAY, MAY 18, 2013
17:00-21:00  Exhibition Open
19.30-21:00  Welcome Reception in the Exhibition

SUNDAY, MAY 19, 2013
08:30-17:30  Exhibition Open
08:30-08:45  Break and Exhibition Visit
10:15-11:45  Poster Viewing and Exhibition Visit
14:15-14:30  Break and Exhibition Visit
16:00-16:15  Break and Exhibition Visit

MONDAY, MAY 20, 2013
08:30-17:30  Exhibition Open
08:30-08:45  Break and Exhibition Visit
10:15-11:45  Poster Viewing and Exhibition Visit
14:15-14:30  Break and Exhibition Visit
16:00-16:15  Break and Exhibition Visit

TUESDAY, MAY 21, 2013
08:30-12:30  Exhibition Open
09:30-09:45  Break and Exhibition Visit
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<tr>
<th>COMPANY</th>
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<tr>
<td>AbbVie</td>
<td>R9+Q3</td>
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<td>CSN - Chinese Society of Nephrology</td>
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<td>ERA-EDTA Activities</td>
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<td>ESOT - Kidney Committee</td>
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AbbVie

AbbVie................................................Booth Q3+R9
Our name has changed. Our commitment to kidney care and kidney patients endures. Emerging from Abbott with a 125-year history of patient care, AbbVie is a research-based specialty biopharmaceuticals company with a broad portfolio of medicines - including leadership in immunology and virology, and a pipeline of breakthrough therapies. We have the expertise of a proven pharmaceutical leader and the focus and passion of an entrepreneur and innovator. The result is something rare in health care today – a global biopharmaceutical company that has the ability to discover and advance innovative therapies and meets the health needs of people and societies around the globe. We’re proud to introduce ourselves as AbbVie, but we never forget that what we do is more important that what we’re named.
For further information on the company and its people, portfolio and commitments, please visit www.abbvie.com

Actual Way, Via Actual............................Booth H11
We are Actualway®, a Portuguese manufacturer of care treatment medical equipments such as Therapy, Sampling/ Blood Donation, Gynaecological, Multifunctional Chairs, Couches and many accessories. We have been increasing our distribution all over the world thanks to big efforts in promoting our products. Our sales strategy is based on building a long term relationship with all our partners providing quality and service. The best way to take care is to get our partners’ and patients’ satisfaction meeting their needs. We produce reliable, strong and comfortable products because we do care. Come and join us so that we can expand business together!
www.actualway.pt
Alexion Pharmaceuticals ......................... Booth R12+S11

Alexion Pharmaceuticals is a global biopharmaceutical company focused on serving patients with severe and ultra-rare disorders through the innovation, development and commercialization of life-transforming therapeutic products. Alexion is the global leader in complement inhibition, and has developed and markets Soliris® (eculizumab) as a treatment for patients with PNH and aHUS. Alexion is evaluating other potential indications for Soliris and is developing four other highly innovative biotechnology product candidates. www.alxn.com

Alexion İlaç Türkiye...................................... Booth U25

Alexion Pharmaceuticals is a global biopharmaceutical company focused on serving patients with severe and ultra-rare disorders through the innovation, development and commercialization of life-transforming therapeutic products. Alexion is the global leader in complement inhibition, and has developed and markets Soliris® (eculizumab) as a treatment for patients with PNH and aHUS. Alexion is evaluating other potential indications for Soliris and is developing four other highly innovative biotechnology product candidates.

Alexion Turkey was established in Istanbul in 2010. There is currently no marketing authorization in Turkey for Soliris® (eculizumab), but the marketing authorization procedure is ongoing.
Allmed Medical..............................................Booth P3
ALLMED Medical GmbH is a vertically integrated manufacturer, providing the latest world-class standards in dialysis products. ALLMED’s leading dialyzer brand, POLYPURE® incorporates a new proprietary Polysulfone membrane, with outstanding performances in both efficiency and biocompatibility aspects. The membrane is unique for its unprecedented Micro-Undulation Technology. ALLMED and its partners are committed to offer customised solutions to professionals and patients in Hemodialysis. Capitalizing on its long experience in the field of hemodialysis, Allmed is able to give personalised service and assistance to its customers.
www.allmedgrp.com

Ameco Medical............................................. Booth F11
Ameco is manufacturer and OEM supplier for a full range of dialysis, interventional Urology, central venous catheters, sheath introducers and more. X and Y split Cath® & Twin Cath® are among our long term HAEMODIALYSIS catheters. Smart Cath®, are among our short term catheters. UniQath is our new mid term catheter. The catheters are CE marked, FDA approved, Canadian & Russian registration. History of success stories to comply with all customer requirements.
www.amecath.com

Amgen............................................................. Booth H5
Amgen discovers, develops and delivers innovative human therapeutics. A biotechnology pioneer since 1980 and the originator of recombinant ESAs, Amgen was one of the first companies to realize the new science’s promise by bringing novel medicines from lab, to manufacturing plant, to patient. Amgen therapeutics have changed the practice of medicine, helping millions of people in the fight against cancer, kidney disease, rheumatoid arthritis and other serious illnesses. With a broad and deep pipeline of potential new medicines, Amgen remains committed to advancing science to dramatically improve people’s lives.
www.amgen.com
Arbor Research ............................................. Booth D12
Arbor Research is a not-for-profit research organization based in Ann Arbor, Michigan, USA, conducting large studies in epidemiology and public health. With particular expertise in biostatistical analysis, clinical practice, the management and integration of large data sets, economics, and public policy, Arbor Research engages in health outcomes research on chronic disease and end-stage organ failure. Currently including the international Dialysis Outcomes and Practice Patterns Study, Peritoneal Dialysis Outcomes and Practice Patterns Study and the Chronic Kidney Disease Outcomes and Practice Patterns Study.  
www.DOPPS.org

Asahi Kasei Medical Europe.................... Booth O12+P9
Asahi Kasei Medical is a world leader in research, development, and production of devices and systems for blood treatment and purification based on advanced membrane separation and adsorption technologies. It serves the global market with hemodialysis, therapeutic apheresis, and blood transfusion products. Information about Asahi’s membranes, adsorbents and full range of products can be found on our website at: www.asahikasei-medical.com

ASN - American Society of Nephrology ....Booth E10
ASN’s Mission
The American Society of Nephrology (ASN) leads the fight against kidney disease by educating health professionals, sharing new knowledge, advancing research, and advocating the highest quality care for patients. www.asn-online.org

Atcor Medical...........................................Booth C12
AtCor Medical’s SphygmoCor systems are internationally known as the reference for non-invasive central pressure. AtCor is now providing an easy-to-use cuff based system in addition to the existing range of products. The SphygmoCor XCEL system is designed for use in large cohorts or in daily clinical routine.  
www.atcormedical.com
Atrium Europe ......................................... Booth C6
Atrium has been a leader in medical device technologies for interventional cardiology and radiology, chest trauma care and thoracic drainage, vascular surgery, and general surgery. In October 2011 Atrium has been acquired by GETINGE GROUP and its subsidiary, MAQUET Cardiovascular, a global leading provider of cardiovascular technologies. Atrium’s vast expertise in medical device technologies for the treatment of coronary and vascular disease, chest trauma, hernia and soft tissue injury has brought a number of breakthrough advances in several diversified healthcare markets including dialysis care. FLIXENE™ vascular grafts, safe to cannulate within 24-72 hours, is one of the ground-breaking solutions for our customers and patients worldwide.
For more information please visit www.atriummed.com

Awak Technologies .......................................... Booth F9
AWAK Technologies has developed an advanced sorbent technology for dialysate regeneration for both peritoneal dialysis and hemodialysis. The battery-powered sorbent design can be in any forms and sizes - making miniaturization and portability possible. The vision of having light-weight portable and wearable dialysis machine, providing freedom to patients, is now a reality.
www.awak.com

B.Braun Avitum ......................................... Booth Q7
Always with Passion.
B. Braun Avitum is a leading provider of dialysis care products. The B. Braun Avitum product range includes dialysis machines and dialysis consumables for chronic and acute dialysis as well as a comprehensive product portfolio for special blood cleansing processes to treat conditions such as lipid metabolic disorders. B. Braun Avitum manufactures top quality dialysis machines, dialyzers (e.g. xevonta) and disposables.
www.bb Braun.com
Bain Medical .................................................Booth T110
Bain Medical Equipment(Guangzhou) Co., Ltd. is specialized in researching, developing, manufacturing and distributing of medical equipment and medical macromolecule products. We have strong technical strength, comprising an experienced team with expertise and high technologies from Europe and Japan. Presently Bain specializes in manufacturing and distributing hemodialyzer, tubing sets for hemodialysis, disposable AV fistula needle sets, and tubing disposables for hemodialysis, all with leading technologies in the industry. ISO9001, ISO13485, CE and CCC certifications passed.
www.bainmedical.com

BANTAO ......................................................... Booth 15A
BANTAO (Balkan Cities Association of Nephrology, Dialysis, Transplantation and Artificial Organs), founded in 1995, represents an extraordinary initiative, permitting an exchange of experience and knowledge among experts from this region and to elaborate different forms of collaboration. Every two years we organise BANTAO Congress which is a great opportunity to communicate, to share experience in the field of Nephrology, Dialysis and Transplantation and to connect with the European and International Societies. Since 2005 we have also during BANTAO Congress a CME Course endorsed by ERA-EDTA and/or ISN/COMGAN. Please visit: www.bantao.org/BANTAO%20Association.htm and www.bantao2013.com
Baskent University........................................ Booth C11A
Baskent University was founded in 1993, as one of the foundation universities of Turkey. The founder and honorary president, Prof. Dr. Mehmet Haberal, performed the first successful transplantation surgery in Turkey (1975) and is renowned worldwide in the medical community. Baskent University has a broad spectrum of faculties in all branches of science including medicine; dentistry; engineering; administration, social, political financial sciences and law. Above all, the main interesting field of the university is medicine. The university has 12 hospitals, dialysis centers and burn units all over the country and works therefore in a medical network. Besides all medical departments, our scientific efforts are especially concentrated in the fields of liver, heart and kidney transplantations, HLA typing and immunogenetics and burn care.
Contact Person: Pharm. Feyyaz Artukoglu
www.baskent.edu.tr

Baxter Healthcare ............................................... Booth P5
Baxter International Inc’s Renal franchise is a leader in renal home therapies through its products for Peritoneal Dialysis (PD), providing PD solutions including Low Glucose, devices, related supplies and services to help end-stage kidney disease patients perform dialysis treatment in the home. Baxter also distributes products and provides support services for Continuous Renal Replacement Therapy (CRRT), an acute, hospital-based therapy, and distributes products for In-Center Hemodialysis (HD). Baxter, in partnership with DEKA Research and Development Corporation, is developing innovative technologies aimed at employing a compact design and convenient use for patients, such as a new automated PD cycler and High Dose HD technology platform.
www.baxter.com/intl
Bellco ................................................................. Booth H3
Bellco offers therapeutic systems worldwide for blood purification in Dialysis, Intensive Care, Cardiology. Since 1972, Bellco mission has been dedicated to advanced therapeutic systems for end stage renal disease patients, with increasing focus on personalized treatments for critical ill patients. Bellco stands out for the Collaborative Research with the goal of sharing know-how and innovation with the scientific and medical communities. Upon these premises, Bellco provides its contribution to the Collaborative Research Club. Biocompatibility, cardiovascular stability, nutritional status and depurative efficiency are the leading challenges together to an economically sustainable health environment for Bellco’s Therapeutic Dialysis. Customized therapeutic options are common to the three new devices: AMPLYA™ (Acute); FLEXYA™ (Chronic); CARPE DIEM™ (Neonatal). Complex clinical conditions, such as those of the ever larger number of elderly and critical patients (undergoing surgery, with multiple traumas, sepsis, multi-organ failure, cardiomiopathy, affected by immune pathologies and intoxication) require an integrated flexible and user minded approach. The Bellco’s all-embracing offer provides an innovative outlook on Chronic and Critical patients.

internationalsales@bellco.net

www.bellco.net

Binding Site.......................................................... Booth R3
Unexplained Acute Kidney Injury (AKI) patient? See how to quickly check for Myeloma Kidney on stand R3, Hall B5 Binding Site’s Freelite® serum test for free kappa and lambda immunoglobulin light chains can help “Rule in or Rule out” cast nephropathy in these patients. Collect your publications and see:

• Which diagnostic protocol is recommended by the International Kidney and Monoclonal Gammopathy Research Group
• Why it’s important to use the polyclonal Freelite test
• How your myeloma patients could become dialysis independent.

www.bindingsite.co.uk
BioPorto Diagnostics.................................Booth H12
The ability to diagnose acute kidney injury (AKI) at an early time point is essential for improving the management and outcome of patients at risk of AKI. The biomarker NGAL has been shown to outperform current kidney status markers such as serum creatinine and cystatin C because it responds much earlier and shows a proportionate response to injury. With BioPorto’s The NGAL Test™ your hospital lab can measure NGAL in both plasma and urine samples on fully automated analyzers.
www.bioporto.com

Bodystat.........................................................Booth C8
BODYSTAT® will be launching their NEW touch-screen MultiScan 5000 device using Bioelectrical Impedance Spectroscopy (BIS) technology. The MultiScan 5000 uses the latest in Cole Modelling to display the VOLUME OF OVER-HYDRATION during renal failure and haemodialysis. The MultiScan 5000 also displays the raw data at 50 frequencies to track changes in hydration using the “calf method” for DRY WEIGHT ASSESSMENT. See validation paper: Calf Bioimpedance Ratio Improves Dry Weight Assessment and Blood Pressure Control in Hemodialysis Patients. (Yi-Lun Zhou et al) Am J Nephrol 2010;32:109-116.
www.bodystat.com

CrystalClear.......................................................Booth T8
The Crystal Clear LTD. company is founded in 2008 and specialized in producing dialysers with polysulphone membrane and different active surface areas. The dialysers are with polypropylene housing and are BPA and DEHP free. Crystal Clear’s dialysers are with perfect biological indicators and clearance. All our products have CE marking. Crystal Clear LTD. has its own base for producing installations for water and air purification. We are certified according to ISO 13485:2003. We are offering wide range of productivity of reverse osmosis systems suitable for all types of dialysis centers. Crystal Clear Ltd. is also producing double pass reverse osmosis with on-line design.
www.crystalclear.bg
CSN - Chinese Society of Nephrology........... Booth D2
Chinese Society of Nephrology (CSN) was founded in 1980 as a non-profit organization, with a mission to improve the medical care and prevention of kidney diseases, to strengthen the scientific research on nephrology, to promote Sino-foreign academic exchange and collaboration, to disseminate healthcare knowledge of kidney diseases to the public, and ultimately to develop nephrology in China. The CSN has actively communicated with other international societies, including the American Society of Nephrology (ASN), the European Renal Association-European Dialysis and Transplant Association (ERA-EDTA) and the International Society of Nephrology (ISN).

www.csnchina.org

CzSN-Czech Society of Nephrology ......Booth D13A
The Czech Society of Nephrology (CSN) is a successor of the former Czechoslovak Society of Nephrology which was founded in 1958. Its first president was Jan Brod, one of the founders of the International Society of Nephrology. Since 2002, the official journal of the CSN is Kidney and Blood Pressure Research.
CSN connects more than 400 members working in 101 dialysis units, 7 transplant centers, several universities and many regional hospitals and outpatient units. Apart of its role in renal health care and educational activities, CSN also provides regular research grants. Nephrology has a long tradition in the Czech Republic. The first acute dialysis was performed in 1955, a chronic dialysis programme started in the early 60ies, and a transplantation programme in 1966. This was reflected by many important international meetings held in Prague: The 2nd Congress of the International Society of Nephrology (1963), 17th Congress of the European Dialysis and Transplantation Association (1980) and the 15th Congress of the European Society of Artificial Organs (1988). More recently, the 17th and 25th meetings of the International Society of Blood Purification (1999 and 2007), 11th ANCA and Vasculitis Workshop (2003), 7th European Peritoneal Dialysis Meeting (2005), 13th Congress of the European Society of Organ Transplantation (2007) and finally, the 48th Congress of ERA-EDTA (2011). In the Czech Republic there are currently 908 patients per million of the population on renal replacement treatment, 548 pmp are treated by regular dialysis treatment (8% of them on peritoneal dialysis), and 359 pmp are living with
transplanted kidneys. CSN provides a broad spectrum of different activities, co-organizing (since 1998) annually ERA-EDTA Postgraduate Training Courses, national congresses on a biannual basis (the last, 35th congress, in 2010), educational symposia and scientific meetings. CSN also takes part in regular trilateral Czech-German-Polish Symposia (with a Young Investigator Forum). CSN is also in charge of several national renal registries: The Czech Registry of Renal Biopsies (since 1994), Registry of Dialyzed Patients (since 2006), Registry of Patients with CKD4 (since 2010) and Registry of Patients with ANCA Associated Vasculitis (since 2010). Please visit: www.nefrol.cz/index.php?&set_lang_client=2

Culligan

Culligan.............................................................. Booth D9
For over 75 years, Culligan’s worldwide network of over 800 dealers has helped maintain the efficiency of industrial and commercial water treatment systems. As a global leader in water treatment, Culligan has dedicated service technicians in your area who are experts in local water quality. These skilled personnel are on-call to service equipment so it always operates at high efficiency. With unparalleled service and revolutionary technology, Culligan offers industrial and commercial customers one source for end-to-end water treatment solutions, tailored to each individual’s need. Going beyond just water treatment, Culligan offers custom-engineered, modular solutions to improve your business and your bottom line.
www.culligan.it

DaVita .................................................................Booth C3
DaVita HealthCare Partners Inc., a Fortune 500® company, provides a variety of health care services to patient populations worldwide. As the dialysis division of the company, DaVita delivers dialysis services to patients with chronic kidney failure and end stage renal disease, and strives to improve patients’ quality of life by innovating clinical care, offering integrated treatment plans, personalized care teams and convenient health-management services. As of February 28, 2013, DaVita operated or provided services at 1,954 outpatient dialysis centers located in the United States serving approximately 153,000 patients, and 40 outpatient dialysis centers located in nine countries outside the United States.
www.davita.com
Diacare Soft....................................................... Booth D5
Diacare-Soft Ltd is a developer of automated diagnostic and treatment process (DTP) management information system Maximus, focused primarily on the area of nephrology and dialysis. The main activities of the company are:
- Analysis of the subject and problem areas, development of goals and criteria of the system;
- Development of business processes of the Department of Nephrology and Hemodialysis;
- Design of medical information systems, from automatically collecting data from medical measuring equipment and maintaining the medical record to issuing reports and monitoring the actions of patients and staff;
- The development of decision support systems, including diagnosis, optimization of treatment programs, analysis of cause-effect relationships, visualization of DTP parameters;
- The creation of a formalized medical knowledge base, its scientific and practical use;
- Development and implementation of software, informational and organizationally-methodical support of DTP control systems for the Departments of Nephrology and Hemodialysis and neighboring areas of medicine.
www.nefrosovet.ru

Diaverum ....................................................... Booth O16
At Diaverum, our mission is to improve the quality of life for renal patients by revitalising them both physically and emotionally. Being one of the world’s leading renal care providers, Diaverum offers a holistic approach, from preventive and early stage renal care to all renal replacement therapies. As a product independent provider – the largest in Europe - we are able to focus solely on caring for the individual needs of our patients. Our experience in renal care dates back 20 years, when the first dialysis clinic was established, previously under our former name Gambro Healthcare. Today, 6,800 employees care for more than 20,000 patients in 17 countries in Europe, Latin America, Middle East and Australia. The corporate office of Diaverum is located in Munich, Germany, the head office is in Lund, Sweden. For more information visit www.diaverum.com
Dirinco

Dirinco is an innovative company in the market of hemodialysis and acute renal care since 27 years. Dirinco is the global market leader for citrate catheter lock solutions. This year Citra-Lock has its 10 years birthday, since it was launched in 2003. Since then, over 10 million vials Citra-Lock were used in dialysis catheters. Citra-Lock prevents catheter related bacteremia and catheter clotting of central venous catheters. Citra-Lock is used worldwide and has become the recommended standard lock solution in Europe. On this ERA-EDTA 2013 congress Citra-Lock will be presented in a new prefilled syringe, Citra-Lock S.

www.citra-lock.com

Dustri

For almost 40 years, Clinical Nephrology, a Dustri-Verlag publication, has been one of the leading journals in its field. Under the editorship of H.H. Malluche (Lexington, KT, USA) – supported by 18 Section Editors – the editorial quality has improved significantly due to a remarkable increase of manuscript submissions. Also ask for our special fellowship program. The book program of Dustri-Verlag was extended by “Seyffart’s Directory of Drug Dosage in Kidney Disease” in 2011.

www.clinnephrol.com – www.dustri.com

DWA

DWA has specialised in innovative solutions for the supply of high purity water to dialysis centres - world-wide. DWA develops systems for production of ultrapure permeate and its distribution right to the dialysis machine. Our expertise in water treatment covers all aspects from the pre-treatment stages, through reverse osmosis, ultrafiltration and hot cleaning systems, right up to the supply connection through to the dialysis machine. In addition, DWA offers systems for production and distribution of acid and bicarbonate concentrates.DWA is partner for dialysis centres – world-wide!

www.dwa-online.com
EffeEmme  ......................................................Booth E1
We have been producing bloodlines and accessories for haemodialysis treatments for 30 years. Our company structure, always evolving, allows us to promptly react to the increasing requirements of the market. Our customers have confidence in us as a reliable partner with a track record of long lasting cooperation. On time delivery and service are our standard. www.effeemme.it

EKHA - European Kidney Health Alliance .... Booth H1
The European Kidney Health Alliance (EKHA) is an alliance of not-for-profit organisations who represent the key stakeholders in kidney health issues in Europe. EKHA takes a multidisciplinary approach involving patients and their families, doctors and nurses, researchers and other healthcare professionals who work cooperatively for a European health environment in which there is a sustained decrease in kidney disease and its consequences. For more information please see www.ekha.eu

Emodial .............................................................Booth S10
Emodial Srl was established in 1982 in Ferrara, Italy, and since that time has been operating in the field of haemodialysis providing a complete range of products for dressings and becoming one of the leading companies in the field. Our products have been designed on the basis of the suggestions and co-operation offered by various Dialysis Centres of relevant Care Units, which felt the need for new products suitable for the medications and absorption of wound exudates to be used as an alternative to the traditional cotton or non-woven pads. Our main products can be referable to the following typologies:
- pads, plasters and bandages for fistula;
- start-stop kits for haemodialysis, catheterism and peritoneal dialysis
- devices for the disposal of used fistula needles;
- exit-site and fistula dressings based on silver which helps to control the risk of infections of the vascular access.
www.emodial.it
ERA-EDTA 2014 Congress Amsterdam...................... M1

ERA-EDTA Activities................................................. L10
Visit the ERA-EDTA booth to find information about the current activities, especially with regard to educational initiatives, fellowships, publications, and to the European Renal Best Practice.
ERBP’s main purpose is to help increasing the implementation of European nephrology recommendations and guidance and to enhance the quality of European and worldwide nephrology practice. ERBP has also created a set of patient information documents, in the belief that joint decisions, made together by physicians and well-informed patients, are fundamental to obtain the best treatment for each individual renal patient.
At the booth you can also collect a copy of the booklet New Medical Coding System for Kidney Disease, recently published by the ERA-EDTA Registry. The ERA-EDTA Registry records dialysis and kidney transplant patients in Europe for public health and research purposes. The newly developed coding system replaces the former one which was almost forty years old and no more adequate to current medical and coding standards.
Also available at the booth are printed copies of this congress’s Book of Abstract, if you wish to have a paper version of it in addition to the one on CD.
www.era-edta.org
ESOT – Kidney Committee ..............................Booth B8
European Organisation for Organ Transplantation (ESOT) Society, established in 1982, is Europe’s main umbrella transplantation body, under which all transplant activities are organized. ESOT’s mandate is to represent the goals and needs of Transplant professionals, with members including physicians, surgeons, scientists and coordinators. ESOT also works with other Organizations to structure and streamline activities, give advice, promote strong educational programs and scientific networking and pursues scientific knowledge and best clinical practices professionals. At the upcoming ESOT 2013 Vienna Congress, on September 8 -11, 2013, the ESOT Kidney Committee is partnering with the ERA-EDTA Transplant section DESCARTES for the organization of a Joint Symposium. The aim is to provide a condensed overview of clinically important issues of kidney transplantation spanning from donor management to emerging technologies.
For more information visit us at booth B8 or www.esot.org

ESPN - European Society for Paediatric Nephrology ..............................Booth C11B
The aim of the ESPN is to promote research and knowledge of Paediatric Nephrology through teaching, scientific meetings and networking in order to improve the health and the quality of life of children with renal disease. The major areas of focused interest are the early detection of renal diseases and the prevention of progression to ESRD in childhood or in adult age. ESPN is a Charity Organization and all the benefits from the Annual Congress and Membership are distributed to young members for training and learning activities. The connections between ESPN and ERA-EDTA are reinforced by the ESPN/ERA-EDTA Registry which is run in Amsterdam with the aim of covering the entire age spectrum for renal disease ending to need of dialysis and transplantation in Europe.
www.espn-online.org
Etropal ................................................................. Booth U7
Etropal is a company with over thirty years of experience in research, development and manufacturing of medical devices for single use, meeting all the requirements of a contemporary medicine in this field. The company offers an extensive product line that spans medical devices for haemodialysis-dialysers, blood lines, fistula needles and other medical devices. The company operates a fully integrated ‘quality assurance system’ according to ISO 9001 and ISO 13485.
www.etropal.eu

Euroclinic .......................................................... Booth E14
Euroclinic SpA is a leading manufacturing company specialized in the production of high-tech Medical Equipments presently distributed and appreciated in more than 34 foreign countries mainly for the elegant design and the technical reliability. The continuous Research and Development activity is focused on state-of-art lines of Units and Chairs for ENT, PODIATRY, GYNAECOLOGY, DIAGNOSTIC & IMAGING fields. A new product for DIALYSIS/ONCOLOGY has been developed in the last year thanks to a highly experienced team of engineers.
www.euroclinic.it

Farmasol .............................................................. Booth C7
Farmasol was established in 2004 as a manufacturer and distributor of dialysis care products. Farmasol manufactures and distributes DIASOL hemodialysis concentrates, DIADEZ disinfectants, FARMACART cartridge bicarbonate, FARMA BAG cartridge bag bicarbonate, PURIFIER hemodialyzer, KAYREN On Off Kits, DIAREN blood line and DIARENNEEDLE AV fistula needles in Turkey. The company operates a fully integrated ‘quality assurance system’ according to ISO13485. All products are under CE certificates. Having long term experience in the field of hemodialysis, our main target is to improve life quality of chronic kidney patients with our quality products.
www.farmasol.com.tr
Fresenius Kabi

Fresenius Kabi is a leading international health care company focusing on products for the therapy and care of critically and chronically ill patients inside and outside the hospital. We develop, produce and market pharmaceuticals and medical devices. Our product portfolio comprises I.V. generic drugs, infusion therapies, clinical nutrition products and related medical devices. Within transfusion technologies, we offer products for whole blood collection and processing as well as for transfusion medicine and cell therapies. With our corporate philosophy of “caring for life,” we are committed to supporting medical professionals in the best therapy of patients. For more information, visit www.fresenius-kabi.com

Fresenius Medical Care

Fresenius Medical Care is the world’s largest integrated provider of products and services for individuals undergoing dialysis because of chronic kidney failure, a condition that affects more than 2.2 million individuals worldwide. Through its network of 3,160 dialysis clinics in North America, Europe, Latin America, Asia-Pacific and Africa, Fresenius Medical Care provides dialysis treatment to more than 257,900 patients around the globe. Fresenius Medical Care is also the world’s leading provider of dialysis products such as hemodialysis machines, dialyzers and related disposable products. Our business unit Renal Pharma Fresenius Medical Care is complementing its leading dialysis technologies, products and services with renal pharmaceuticals. We will continuously build up and provide a comprehensive range of drugs and drive their integration into innovative treatment platforms to achieve improved therapeutic outcomes in dialysis patients. www.fmc-ag.com
FSN - Dialysis and Nephrology
French Societies........................................Booth E8
The Société de Francophone de Dialyse (SFD) is a French speaking association of nephrologists founded in 1993, currently having about 800 members throughout the French speaking countries. The French speaking Society of Dialysis aims to improve formation and collaborative work in dialysis through an annual Joint Meeting with the Société de Néphrologie, and by organizing annually two or more specific CME courses in collaboration with the Moroccan Society of Nephrology and the Tunisian Society of Nephrology. SFD contributes further to research on dialysis and end stage renal disease by funding clinical and fundamental research programs. Publication media are the journal « Néphrologie & Thérapeutique », the e-learning website www.nephro2013.org and the society own website www.sfdial.org. Please visit the booth to learn more on SFD and join us. The Société de Néphrologie (SN) is a French speaking association of nephrologists founded in 1961, currently having about 1500 members. Its publication is Néphrologie & Thérapeutique. SN contributes to the dissemination of knowledge by its annual Joint Meeting with the Société Francophone de Dialyse, and by organizing annually a specific CME course. SN contributes to research in nephrology directly by funding research projects both for laboratories and individual researchers as post-doctoral trainings. Visit the booth to learn about the next annual Joint Meeting: Nantes, October 8-11, 2013. More information at: www.soc-nephrologie.org.

Gambro .................................................Booth N3+HOS 31/B4
Gambro is a global medical technology company and a leader in developing, manufacturing and supplying products and therapies for Kidney and Liver dialysis, Myeloma Kidney Therapy, and other extracorporeal therapies for Chronic and Acute patients. For decades, Gambro has been first to market with many groundbreaking innovations. By designing and delivering solutions to dialysis clinics and intensive care units, Gambro offers not just improved treatment quality, but also improved efficiency. Gambro was founded in 1964 and has today 7 500 employees, 13 production facilities in 9 countries, and sales in more than 100 countries. www.gambro.com
Gardhen Bilance........................................Booth E6
Gardhen Bilance is a company present in most parts of the world thanks to its exclusive distributors and to high quality of the products. The beds and chairs with or without scales are available for all privates dialysis centers and dialysis hospital departments. Gardhen Bilance manufactures medical devices and weighing systems in conformity to ISO 9001:2008, ISO 13485:2003, 93/42/CEE. Design, comfort, robust construction is our mission.
www.gardhenbilance.it

Genzyme, a Sanofi Company .................Booth Q11
Genzyme has pioneered the development and delivery of transformative therapies for patients affected by rare and debilitating diseases for over 30 years. We accomplish our goals through world-class research and with the compassion and commitment of our employees. With a focus on rare diseases and multiple sclerosis, we are dedicated to making a positive impact on the lives of the patients and families we serve. Genzyme’s portfolio of transformative therapies, represents groundbreaking and life-saving advances in medicine. As a Sanofi company, Genzyme benefits from the reach and resources of one of the world’s largest pharmaceutical companies, with a shared commitment to improving the lives of patients.
www.genzyme.com

Glomeria Therapeutics ......................................Booth D3
Glomeria Therapeutics is a company committed to the research and development of new pharmaceutical products and medical devices for the treatment and cure of acute forms of nephropathy and cardiopathy. Our most advanced program concerns the Peritoneal Dialysis in patients with chronic renal failure. We have achieved a comprehensive therapeutic platform for peritoneal dialysis that ranges from more biocompatible solutions for peritoneal dialysis (Therabags) to connection devices (DesmoPD), up to a device for automated peritoneal dialysis (SmartPD).
www.glomeria.com
HeSN - Hellenic Society of Nephrology..... Booth D11B
The Hellenic Society of Nephrology was founded in Athens in 1970, by the first group of Hellenic Nephrologists. Currently, HSN has 500 active members which are working in all the fields of Nephrology, mainly in Glomerulopathies, Arterial Hypertension, Renal Replacement Therapies and Kidney Transplantation. Our Society organized the 8th World Congress of Nephrology in 1981 at Athens, the Congress of the International Society of Peritoneal Dialysis in 1993 at Thessaloniki, the 32th Congress of EDTA-ERA in 1995 at Athens, the 5th and 10th BANTAO Congress in 2001 and 2011 at Thessaloniki and Chalkidiki respectively, organizing also specific CME-Courses. HSN are organized our Hellenic Congress every second year presenting the new scientific developments in Nephrology worldwide. Greek membership has actually reached 250 in ERA-EDTA. www.ene.gr

Hemo Sapiens.................................................. Booth D14
HEMO SAPIENS® Inc is a high-tech medical company specialized in the development of non-invasive medical devices designed for the real-time assessment, monitoring and management of complete hemodynamics. HEMO SAPIENS® flagship product is HOTMAN® - a PC-based system for automatic, noninvasive and hands-free acquisition of a patient’s blood flow and left-ventricular parameters using Company’s proprietary very-low current TEB (Thoracic Electrical Bioimpedance) providing the unique Integrated Hemodynamic Management solution. www.hemosapiens.net

Herco Wassertechnik................................. Booth S14
HERCO developed and offers complete water treatment solutions for dialysis applications. Products are: Water softeners, filters, reverse osmosis, ring main, bed head media panels, central concentrate distribution. Reverse osmosis units for haemodialysis purposes according to MDD, TÜV approved. www.herco-wt.de
HuSN - Hungarian Society of Nephrology.....Booth D15B
The Hungarian Society of Nephrology (HSN) is a scientific association of nephrologists currently having about 350 active members. Our national journal is „Hypertonia es nephrologia”, further our international official journal is „Kidney and blood pressure research” publishing clinical and basic studies at the interface of nephrology, hypertension and cardiovascular research. The HSN – together with its partners from the non-profit scene is promoting knowledge about kidney diseases to the wide public through the „National Kidney Program”. The HSN contributes to research in nephrology directly by funding research projects. Visit the booth to learn more about our programs and the Society. More information at: www.nephrologia.hu

IFKF International Federation of Kidney Foundation .................................. Booth D10
Our Commitment
IFKF is a major multidisciplinary umbrella organization in the kidney world that brings together health authorities, medical and healthcare professionals with volunteers and patients in local foundations. All share a vision to improve the outcome for patients and people at risk from kidney disease. Through member’s activities in local communities, we make a valuable contribution to the global improvement of kidney health. The multidisciplinary approach encourages integrated prevention and treatment initiatives and brings effective patient care within reach: a proven recipe for an effective and efficient approach to cost effective health care.
Our Mission
IFKF’s mission is to help develop local kidney foundations, not-for-profit organizations and individuals, enabling and empowering them to improve health, well being and the quality of life for all individuals under threat from kidney disease. More information on www.ifkf.org
Immundiagnostik .................................Booth C10
Closing the Gaps in Laboratory Diagnostics
Immundiagnostik AG, founded in 1986, is a globally operating diagnostics company represented in over 30 countries. We focus on the development and production of innovative immunoassays (ELISA, EIA) and other analytical detection methods (e.g. HPLC, LC-MS/MS and PCR) for medical routine and research. Our mission is to provide effective tools for prevention, differential diagnosis and therapy monitoring in the areas of gastroenterology, cardiovascular diseases, disorders of the skeletal system and oxidative stress. The product portfolio is completed by a broad range of antibodies and antigens. Our business relations include contract analyses for diagnostic laboratories and academic research institutions, esp. in context with clinical trials. Multiple cooperations with the pharmaceutical industry and a tight network with scientific organisations are the basis for a successful product development. Securing progress: Our comprehensive range of products is continuously refuelled by a rich pipeline of proprietary developments. With a headcount of more than 60 employees, Immundiagnostik’s headquarter is located in Bensheim, south-western Germany.
www.immundiagnostik.com

Infomed .........................................................Booth S9
With 20 years of experiences around the world, Infomed has comforted its leadership as a provider of extracorporeal blood purification devices offering complete solutions with many advanced medical treatments such as: Continuous hemofiltration and hemodiafiltration, plasma exchange, cascade filtration, double filtration plasmapheresis (DFPP), blood and plasma perfusion and CPFA (Coupled Plasma Filtration Adsorption). Infomed provides a complete range of machines and all associated disposables such as pre-assembled kits, filters and adsorption cartridges.
www.infomed.biz
Intermedt Medizin & Technik ..........................Booth T12
Intermedt was founded in 1997 and is a specialist for dialysis concentrate production systems. The fully automatic dry concentrate system ECOMix in combination with ECOCart allows the production of concentrate in your own dialysis center. We don’t transport any Water only the dry salts in large cartridges. The “ECOCart” is a reusable cartridge and contains all raw materials in dry form for the production of 750l acid concentrate.

www.intermedt.de

ISN International Society of Nephrology......Booth E11
The ISN is dedicated to pursuing the worldwide advancement of kidney care by supporting education, science and patient health. It strikes a balance between the developing and developed worlds in researching, diagnosing, treating, and preventing kidney disease. With over 9,000 members in 126 countries, ISN is a wide international network providing an efficient platform for timely scientific exchange, debate and communication. Collaborating with over 70 national and regional societies, it represents about 20,000 professionals globally.

www.theisn.org

Janssen.............................................................Booth J7
Janssen Pharmaceutical Companies of Johnson & Johnson are dedicated to addressing and solving the most important unmet medical needs of our time, including oncology (e.g. multiple myeloma and prostate cancer), immunology (e.g. psoriasis), neuroscience (e.g. schizophrenia, dementia and pain), infectious disease (e.g. HIV/AIDS, Hepatitis C and tuberculosis), and cardiovascular and metabolic diseases (e.g. diabetes). Driven by our commitment to patients, we develop sustainable, integrated healthcare solutions by working side-by-side with healthcare stakeholders, based on partnerships of trust and transparency. More information can be found at www.janssen-emea.com
Jihua Medical......................................................... Booth F19
Jihua Medical Apparatus and Instruments Co., Ltd. Guangzhou (Jihua Company), established in 1999, is a state shareholding enterprise co-invested by Guangzhou Medical Group Company, Jinan University and Guangzhou Municipal Sci&Tech Risk Investment Company. Our company is a high-tech enterprise specializing in researching, producing and selling hemodialysis machines and some related blood purification therapy equipment. Our main products are hemodialysis machines, dialyses reprocessing (reuse) machines, RO water treatment systems, dialysis powders, hemoperfusion, powder stirring machines, and other related products. Our production processes are up to the army-industry level for well-controlling quality to reach international standard. With strict product controlling mode, during these years, Jihua Company successively gained more than 10 proprietary technology and won more than 30 projects funds support and above ten million subsidy of state, provincial and municipal level, especially National Small And Medium-Sized Enterprise Innovation Fund, the National 863 Project, Provincial Hong Kong And Macao Science And Technology Tender Project and other projects, which are key supporting development industries in municipals, provinces and the state. We have a lot of rich-experienced experts and highly-qualified technicians focusing on products’ researching and developing as well as after-sales services. So far, Jihua products have been exported to more than 40 countries and regions such as Southeast Asia, South America and the Middle East. Jihua Company is guiding Chinese hemodialysis to move forwards to the world. www.ji-hua.com

Joline....................................................................Booth P1
Joline GmbH & Co. KG is an internationally operating company in southern Germany with a strong focus on quality standards and innovative, medical technologies. Since our foundation in 1999 it has been our intent to develop and produce high-quality products in the field of Vascular Access. All our FlowFamily Products are CE-marked and exclusively “Made in Germany”. www.joline.de
JRN - Journal of Renal Nursing .................Booth E15

The Journal of Renal Nursing (JRN) is the only bi-monthly multi-disciplinary clinical journal for all healthcare professionals specializing in renal care. The journal is focused on facilitating evidence-based practice by promoting excellence in clinical practice, providing up-to-date accessible and practical information, written by experts and peer-reviewed by leading authorities in the field. Content is aimed to help inform, challenge, support and educate all professionals working in renal care, including nephrologists, dietitians, nurses, pharmacists, healthcare assistants, social workers, physicians, clinical technologists, transplant surgeons and histocompatibility scientists working within a multi-disciplinary team. Subscribing to JRN will ensure you keep up-to-date with the latest developments in renal care, as well as help increase your knowledge and skills in all areas of clinical practice. For subscription offers come and visit us at stand E15. www.renalnursing.co.uk

Karger ............................................................... Booth H10

S. Karger Medical Publishers is a publishing house whose titles in the field of nephrology include 6 scientific journals, e.g. ‘Nephron’, and the renowned book series ‘Contributions to Nephrology’. New releases presented include the titles ‘Brain, Stroke and Kidney’, ‘Phosphate and Vitamin D in Chronic Kidney Disease’ and ‘New Insights into Glomerulonephritis’. Publications are accessible online at www.karger.com/nephrology, with full-text search of articles, pay-per-view options and many other services. Founded 122 years ago, this Swiss-based family-owned publishing house combines highly sophisticated production technology with customized services for its authors, editors and readers.

www.karger.com/nephrology
Kawasumi Laboratories .......................... Booth G2
Since 1957, Kawasumi Laboratories has been providing nephrologists worldwide dialyzers, blood tubing lines, and AV fistula sets. We are renowned for our consistently high quality. Kawasumi is a leading supplier of advanced dialyzers. The RENAK PS dialyzer will delight you with its high performance. Blood tubing lines and AV fistula sets are among the best known and most trusted in the world. Kawasumi also provides a wide variety of therapeutic plasmapheresis products. Visit the Kawasumi booth and see how we can help you provide excellent therapy!
www.kawasumi.jp

KDIGO .................................................. Booth F17
Kidney Disease Improving Global Outcomes (KDIGO) was founded in 2003 under Belgian law to fulfill a need for international cooperation and consolidation in the development and implementation of clinical practice guidelines. KDIGO has experienced a rapid growth in the development of guidelines, producing three guidelines in its first six years and another six guidelines in the last three years. KDIGO has held twelve global conferences on important issues in kidney disease and treatment. KDIGO also works to disseminate and implement its guidelines through a variety of channels including an Implementation Task Force with official representatives in more than eighty countries. www.kdigo.org

Labor Limbach ...................................... Booth U11
Limbach Laboratory is the market leader in medical laboratory testing in Germany as well as the largest provider of diagnostic services to nephrology departments, dialysis units and nephrologists in private practices. It was founded 1979 in Heidelberg by Dr.med. Hans-Jakob Limbach. A central focus of its activity was the determination of parathyroid hormone and other special hormone testing. Today, Limbach Laboratories Group covers all diagnostic fields of laboratory medicine within 29 affiliated laboratories countrywide. Furthermore, it has built up a network of laboratory services throughout Europe. Last but not least, Limbach Laboratory has an active R&D program in the field of test development, particularly for markers of bone metabolism. www.labor-limbach.de
Lauer ......................................................... Booth Q7
The company Lauer has specialized in manufacturing and distribution of dialysis water and already succeeds in about 40 countries worldwide. The Lauer trademark Aquaboss® stands for innovation, quality, long-life cycle, reliability and cost efficiency. Since 1989 Lauer is developing, manufacturing and distributing solutions from the water tap up to the connection to the dialysis unit. Lauer has introduced several new, partially even patented technologies in dialysis technique, e.g. the impulse backwashing and secondary loops. The latest development is the steam sterilization Aquaboss® AutoClav. www.aquaboss.com

Likamed ..................................................... Booth O20
Focused on Design and Quality since 35 years. „Made by LIKAMED” has been synonymous with highest quality, functionality as well as comfort - a claim that testified our vast experience as specialists in the medical area. Our Quality Management System is certified in accordance with ISO 9001 and DIN EN ISO 13485. Our chairs are also certified in accordance with DIN EN ISO 13485 and we already fulfill the requirements of the 3rd Edition of DIN EN 60601-1. www.likamed.de

Mahan Med Meymeh Kish .........................Booth C2
It would be with pleasure to introduce Mahan med Meymeh Kish Company as a medical manufacturing company, established in April 10th, 2010 in Kish Island in south of Iran – Persian Gulf in an area about 32000 m² with the purpose of Medical equipments manufacture. Mahan Med Co, has taken advantages the latest technology of the world and with the cooperation of European countries such as Germany, Austria, Italy and Turkey for purchase and construction of the machines. In the first phase of production it has Venose Blood Line, Arterial Blood Line and Hallo filter, Fistula needle, Dialysis filter and we will extend our future plan in second phase in an area about 12000 m². At the moment we are installing our machines and will start test production very soon. we are honored to start marketing manufacture by the end of May.
Medcomp .................................................. Booth P11
Medcomp, well known for its wide range of cuffed and uncuffed venous access catheters will be offering new information. Company offers a new range of catheter locking solutions. They are provided in pre-filled syringes packed and sterilized in Tyvek pouches for more efficient off dialysis protocol. www.medcompnet.com

MEDICA

Medica Italia ............................................... Booth N1
Medica operates in the field of blood purification treatments like Dialysis and CRRT (Continuous Renal Replacement Therapies), thus providing a complete range of products for both Dialysis Centres and Intensive Care Units. Electromedical machines and associated disposables to manage treatments like hemofiltration, apheresys, hyperthermic perfusions in oncology, blood oxygenation, to assist patients affected by various diseases, represent one of the main missions for both Medica and its employees. Moreover, Medica has developed a complete range of Polysulfone membranes (MediSulfone®) and hemofilters particularly suitable for CRRT management. www.medica.it

Medical Devices Corp ................................. Booth B6
Medical Devices Corporation is a medical device manufacturing company in Malaysia. Encouraged by Health Ministry of Malaysia, the company has expanded its product range which include Continuous Ambulatory Peritoneal Dialysis (CAPD) & Continuous Cycler Peritoneal Dialysis (CCPD) for kidney failure patient. www.medical-devices-corp.com

Medikit ....................................................... Booth T10
Medikit is a leading manufacturer of vascular access medical devices based in Tokyo, Japan. Supercath brand hemodialysis fistula catheter, upgrade replacement of steel fistula needle, can reduce risk of damage with cannulation on AV fistulas and AV Grafts. Catheters with safety mechanism preventing needle-stick injuries are also available. Come and visit us at stand T10. www.medikit.co.jp/english
Medvision.................................................................Booth R4
As an international developer of professional medical information systems, we are providing efficient and economical solutions for the treatment and care of sick people for over twenty years now. Our medical information systems are used in many doctor’s practices, outpatient clinics, hospitals, dialysis units, and medical care centres. Especially in the field of dialysis, we have made a name for ourselves with a market share of well over 60% in Germany and a large number of customers in Europe and Asia. Our international OEM cooperation partners are the world leaders in dialysis.
www.medvision.de

Medxl.................................................................Booth C1
MedXL designs and manufactures quality healthcare products since 1992 and is a leader in setting the standards for safe, secure and efficacious prefilled syringe products. Our prefilled CitraFlow™ syringes containing 4% sodium citrate are currently used in many countries as an alternative to heparin for locking catheters. CitraFlow™ is a natural way to safely and effectively lock indwelling catheters.
www.medxl.com

Membrana.............................................................Booth O8
Membrana is the largest independent membrane producer worldwide. Membrana is part of Polypore International Inc., a global high technology company specializing in microporous membranes. Membrana offers a wide range of capillary and flat sheet membranes, particularly for haemodialysis, blood oxygenation and plasmapheresis. Products include the haemodialysis membrane families of DIAPES® and PUREMA®. Membrana also manufactures a variety of membranes used for filtration in various industries and applications and the Liqui-Cel® contactors for gas transfer as well as the Liqui-Flux® modules for membrane filtration. www.membrana.com
Milenyi Biotec ................................. Booth S12
Milenyi Biotec’s TheraSorb™ product line provides advanced therapeutic apheresis solutions. For more than 20 years, we have pioneered technologies for highly selective removal of pathogens from patients’ blood. TheraSorb™ Immunoadsorption is a powerful treatment for HLA and ABO antibodies removal. Today, we are a team of 1,300 - all dedicated to impacting human lives.
www.miltenyibiotech.com

Mone Medical ................................. Booth U13
MONE MEDIKAL Inc. was established in Corum/Turkey in 2003, started manufacturing wide variety of products for both domestic and international Medical Market. MONE MEDIKAL Inc. has drawn on its highquality production experience that it has gained delivering top quality products in the medical sector. In order to produce high-tech products, MONE MEDIKAL Inc. partnered with PYRAWORK MEDICAL SYSTEMS for their expert personnel, experienced staff and industrial tooling. Vigorously monitoring changes and embarking on new developments, PYRAWORK has became one of the leading brands in the medical sector. Our goal is to place PYRAWORK’s products all over the world.
www.monemedical.com

Nikkiso Europe ................................. Booth R5
The NIKKISO group celebrates its 60th anniversary this year and is well-known for R&D and production of reliable devices for industrial solutions, aerospace, pump business and the medical sector. Our expertise put into our innovative and reliable equipment helps improving the patients’ quality of life. NIKKISO Europe GmbH, the European entity, is responsible for R&D, production and distribution of our excellent technologies in Europe, Middle East and Africa, together with our strong distributor network. NIKKISO Europe GmbH - When reliability counts!
www.nikkiso-europe.eu
Ningbo Tianyi Medical.............................. Booth H2
Established in 1998, Ningbo Tianyi Medical is specialized in producing dialysis consumables (hemodialysis blood line, CRRT blood tubing set, AVF needle etc), infusion and transfusion set, syringe and OEM medical devices etc. The company has achieved ISO 13485 certification. Products are under CE certificates. “Quality first, scientific management, sincere and creditable service, customer-oriented” is our business concept. www.tianyinb.com

Nipro Europe...........................Booth G5 + HOS 29/B4
Nipro Europe has built its reputation on consistent high levels of quality and service in Europe. With its 5 Business Units, we distribute products for hemodialysis (Renal Care), hospital consumables (Hospital Products), blood glucose diagnostics (Diabetes Care), oxygenators and accessories (Cardiopulmonary) and medical glass products (Pharmaceutical Solutions). Our priority is building long-term partnerships with each customer. This is accomplished by providing superior quality and value throughout the business in addition to listening to customer needs and translating those needs into specific products and services. We constantly thrive to create and offer safe, high-quality products ensuring a better quality of life. www.nipro-europe.com

NKF USA ........................................... Booth R11+R14
National Kidney Foundation, USA raises awareness of kidney disease though community based screening; empowers and educates at-risk individuals to seek testing and treatment for prevention of kidney damage and progression of the disease; improves treatment through patient and professional education, clinical practice guidelines, our professional memberships, and scientific journals: AJKD, ACKD and JRN. www.kidney.org
Novartis Oncology........................................... Booth K6
Novartis Oncology has emerged as a global leader in oncology through targeted research and open partnership in the pursuit of new therapies capable of transforming outcomes for people with cancer. We offer a wide range of innovative therapies to help physicians meet patient needs, with one of the broadest and most comprehensive oncology pipelines in the industry. Our research is driven by a distinctive scientific and clinical strategy, focusing on unmet medical needs and disease pathways. For more information about how we are transforming the treatment of cancer and other diseases, visit www.novartisoncology.com

NxStage Medical ............................................ Booth U17
At NxStage®, we are on a mission to transform renal care. We’re making it simpler, portable, and expanding treatment options for clinicians by overcoming traditional barriers. We are the center for positive change and are providing information on new therapies, technologies, and policy initiatives, for both acute and chronic care. For more information visit www.nxstage.com

Otsuka Pharmaceutical Europe ....................Booth S7
Otsuka Pharmaceutical is a global healthcare company with the corporate philosophy: ‘Otsuka-people creating new products for better health worldwide.’ The Otsuka Group is comprised of 156 companies and employs approximately 40,000 people in 25 countries and regions worldwide. Otsuka is committed to focusing its research and development on innovative products and medical devices that address unmet medical needs, particularly in our specialist areas of renal, endocrine, gastro-intestinal and central nervous system disorders. Come and visit Otsuka Europe at Stand S7 to learn more about Otsuka’s commitment to innovation and education in nephrology. www.otsuka-europe.com
OUP Oxford University Press.........................Booth L8
Oxford University Press publishes some of most respected medical books and journals in the world including the Oxford Clinical Nephrology Series, and on behalf of the ERA-EDTA we publish the leading European journal Nephrology Dialysis Transplantation as well as CKJ (Clinical Kidney Journal). Visit our stand to browse books and to pick up free copies of the journals.

PakuMed..................................................Booth E16
PakuMed medical products gmbh is a German company founded in 1990 specialized in the development, manufacture and worldwide distribution of special medical products. Highly qualified medical competence, flexibility and close cooperation with our customers as well as best service are our strong points. Our product quality meets highest international standard with reasonable prices. Besides port catheter systems and accessories, innovative products for Hemodialysis and Apheresis are designed to meet the needs of our clients and complete our product range.
www.pakumed.de

Pharmacosmos............................................Booth R7
Pharmacosmos develops and markets medicines for the treatment of iron deficiency. An independent pharmaceutical company with an ongoing R&D programme, Pharmacosmos’ goal is to improve treatment options for healthcare professionals and patients, by offering innovative treatments – Pharmacosmos works with exclusive partners in more than 50 countries worldwide. Pharmacosmos holds the marketing authorisation for Monofer® (iron isomaltoside 1000), a treatment for iron deficiency anaemia that offers patients with various iron needs the convenience of high dose iron in one visit. Seventy million doses of its second parenteral iron preparation CosmoFer® (low molecular weight iron dextran) have already been administered worldwide.
www.pharmacosmos.com
Physidia.........................................................Booth E5
Physidia is a French start-up. Its mission is the development and marketing of a daily hemodialysis system suitable for home use. The project was initiated in Lyon. In 2002-2005, the first tests systems were developed, which passed clinical trials. The $S^3$ system will be marketed in 2013 in France. Main features are: premix dialysate; disposable lines and pumps; simplified operations; truly portable; versatile modalities: SDHD and HDF, practice inspired by peritoneal dialysis. www.physidia.fr

PosterSessionOnline ......................... Booth R2+34-B4
Now you can browse the ERA-EDTA posters online during (and after) the congress! Pre-select posters of most interest to you and plan which presentations to visit during the poster session. If you missed a poster on-site, no problem – you can view it from home after the congress.
Log on to the exciting new ERA-EDTA ONLINE POSTER FORUM to exchange ideas and network with colleagues. Why not log in and join the debate? PosterSessionOnline has also provided all poster presenters with the opportunity to have their posters printed and delivered free of charge to the congress venue, picking them up from the Takeda Hospitality Suite during the meeting.

Renal Ilac .....................................................Booth D4
RENAL, established at 1995 as a manufacturer of concentrated hemodialysis solution. Company has experienced at hemodialysis field. and enlarged its manufacturing portfolio by adding powder bicarbonate cartrides / bags, desinfection solutions for hemodialysis and RO modules for clinics. Together with the products manufactured by himself, Renal is distributing all hemodialysis consumeables as an exclusive distributer of famous brand to all over Turkey
www.renal.com.tr
Roche .................................................. Booth HOS 32/33-B4
Roche is a leader in research-focused healthcare with combined strengths in pharmaceuticals and diagnostics. Roche is the world’s largest biotech company with truly differentiated medicines in oncology, virology, inflammation, metabolism and CNS. Roche is also the world leader in in-vitro diagnostics, tissue-based cancer diagnostics and a pioneer in diabetes management. Roche’s personalized healthcare strategy aims at providing medicines and diagnostic tools that enable tangible improvements in the health, quality of life and survival of patients. For more information: www.roche.com

Sandoz - Novartis Group............................... Booth K7
Sandoz is a Novartis company with a reputation for quality going back to the 19th century. Present in 130 countries, our broad portfolio of affordable, high-quality medicines is available to 90% of the world’s population. Sandoz Biopharmaceuticals, a specialized business within Sandoz and Novartis, develops, produces and markets biopharmaceutical medicines and active ingredients worldwide, and enjoys close synergies across the value chain with other parts of the Novartis Group. Our decades of experience and significant investments have helped to position us as the pioneer and global leader in biosimilars. Our vision is to dramatically increase patient access to essential high-quality biopharmaceuticals, by consistently advancing this global leadership position. www.sandoz.com

Sanofi.......................................................... Booth Q11
Sanofi, a global and diversified healthcare leader, discovers, develops and distributes therapeutic solutions focused on patients’ needs. Sanofi has core strengths in the field of healthcare with seven growth platforms: diabetes solutions, human vaccines, innovative drugs, rare diseases, consumer healthcare, emerging markets and animal health. Sanofi is listed in Paris (EURONEXT: SAN) and in New York (NYSE: SNY). Sanofi is the holding company of a consolidated group of subsidiaries and operates in the United States as Sanofi US, also referred to as Sanofi-aventis U.S. LLC. For more information on Sanofi US, please call 1-800-981-2491 or visit www.sanofi.us
Silver Med for Medical Devices..................Booth B3
In 1994, Our group starts business. With Silver med is an American Egyptian member company combined the state of the art industrial technology of USA and the economic operation and innovation of Egypt. The objective pursued by our physicians and engineers is to continuously improve Dialysis and catheters technology, to develop new system concepts and to identify new therapy indications in close co-operation with leading medical institutes. Our products have proved their efficacy in Dialysis, interventional catheters in millions of cases. In recent years, their wide spectrum of possibilities and the unique benefits offered by our Dialysis and interventional catheters products have also been extended to other medical disciplines. With its state-of-the-art technological innovations, Silver-med is setting new standards in Dialysis, Interventional Nephrology, interventional radiology, Cardiovascular and urology medicine. Pioneering achievements such as the Inorganic antibacterial polymers used in our catheter, Unique bevel design and double wall siliconization of our needle and the first application of integrated approach to decrease rates of CRB (Catheter related bacteremia) provide ample proof of the vast performance spectrum of Silver med in the field of Dialysis and interventional catheters.
www.silver-med.com

SIN – Italian Society of Nephrology .......Booth D11A
The Italian Society of Nephrology (Società Italiana di Nefrologia, SIN) includes 2300 Nephrologists as members, who are providing medical care to patients with kidney disease over the entire national territory. The Society is organized over the national territory in Regional and Interregional Sections for a total of 10 Sections. Every Region elects a regional delegate on a three year basis, who coordinates local activities and is in close contact with the Directors of the Operating Units of Nephrology and Dialysis. The Society is endowed with bylaws, general regulations, and 10 specific regulations, relative to all the activities entertained by members under the umbrella of the Society and on the national area. The Society organizes every year the National Congress, in which current scientific matters and organizational issues are debated. The Society publishes two bi-monthly journals: the “Italian Journal
of Nephrology” (Giornale Italiano di Nefrologia, GIN) and the “Journal of Nephrology”, in English. The members of the Society are involved in the therapy of patients affected by kidney disease, hypertension, acute and chronic renal insufficiency, those requiring replacement therapy such as haemodialysis and peritoneal dialysis, and transplant patients. With the aim to promote the highest quality of care and education, SIN fosters 17 work groups, which are devoted to advance knowledge in the diverse aspects of renal disease. In addition, SIN is endowed with two national Registries. The first collects all data relative to kidney biopsies, which are performed each year on the national territory (about 3000/y) in the nearly 400 Operating Units of Nephrology and Dialysis. The second gathers data relative to the 50.000 patients that are now in replacement therapy, such as haemodialysis and peritoneal dialysis, in the 663 dialysis centers, and the about 20.000 kidney transplant patients. Specific attention is devoted to the clinical progress of transplant patients followed by nephrologists. SIN is one of the few Scientific Societies representing both the hospital and the academia components, therefore its decisions express the nephrology world in its entirety. The Society is provided with a website which is structured in several sections, that can be consulted by physicians, patients and whoever is interested in this discipline. Please visit www.sin-italy.org

Serumwerk Bernburg.........................................Booth T9
The Serumwerk Bernburg Group is an internationally renowned producer and supplier of medicinal products and medical devices for human and veterinary use, based in Germany. The dialysis division is successfully active since 1998 in Europe, Middle East, Asia and North Africa. It offers a wide range of medical disposables for hemodialysis, e.g. VitaPES dialyzers, DiaCart & DiaBox bicarbonate cartridges, bloodlines and IV solutions. The company is focused on offering “MADE IN GERMANY” products to their world-wide clients. www.serumwerk.de
Soludia Maghreb............................................. Booth G1
Based in Morocco since 1998, Soludia maghreb pharmaceutical laboratory is the leading manufacturer specialized in producing haemodialysis solution and powder products with a French licence. We provide excellent service to our customers. Our company is certified ISO 9001, ISO 13485, CE 120 labelled products, ISO 17025 in progress. Our range of products: - Bicarbonate liquid. Bicarbonate powder for Gambro generator, for Fresenius generator and for Bellco generator. - 5 liters acid bag, acetate free acid, acid central with 1000 liters Tank. - Water analysis for haemodialysis. We have the big part of the Moroccan market shares. We have been exporting our products to West Africa. We started exporting our products to Europe. For additional information on our company and products, please log on our website www.soludia.ma

SuisseMed Technologies............................... Booth P8
Suisse Med Technologies is a market leader in providing engineering services, equipment design, process optimization and R&D services in the fields of synthetic hollow fiber spinning and dialyser assembly and related devices. Our technology delivers optimal cost solutions and ensures worldwide quality standards. We support our customers achieve their financial goals by offering a wide range of additional services such as R&D on new devices, go-to-market strategies, regulatory compliance, ISO-10993 compliant devices and qualified raw materials.
www.suissemt.com

Synlab lab services ...........................................Booth B2
Lab services beyond borders! The synlab Group is one of the leading international laboratory service providers with currently 6,800 employees at 300 locations in 21 countries and a turnover in 2012 of EUR 625m. Wherever in our modern world there is something to be analyzed, we combine pre-analytics, sample logistics, measurement, examination report, and further counseling to an extensive science-based service. All our specialist laboratories are accredited. Our trademark is consultancy before, during and after analytics and our Philosophy is actualized in challenging quality standards. We invite you to come and visit us! Further information on www.synlab.com
Takeda Europe............................Booth 01 - Rumeli Halls
Takeda is a research-based global pharmaceutical company committed to striving towards better health for patients worldwide through leading innovations in medicine. Takeda is renowned for its expertise and is dedicated to building on its success as a leader and preferred partner in the pharmaceutical industry. Takeda’s vision is to embody worldwide pharmaceutical leadership through innovation, culture and growth, guided by an unwavering commitment to significantly improve the lives of patients. www.takeda.com

TauroPharm....................................................Booth F5
TauroPharm GmbH is a life science company specialized in antimicrobial medical devices. One of the company’s core interests is to offer a safe and effective technology for locking central venous access devices (catheters and ports). TauroLock™, a non-antibiotic lock solution, which is capable of dramatically reducing catheter related blood stream infections (CRBSI) is free of side effects. TauroLock™ is highly effective in eradicating bacteria and fungi and has been successfully tested on more than five hundred organisms, including multiresistant forms such as MRSA and VRE. It is to be used in dialysis, oncology, intensive care and parenteral nutrition. To improve catheter patency TauroLock™ products contain 4% citrate and/or heparin (TauroLock™, TauroLock™-Hep100, TauroLock™-Hep500) and/or urokinase (TauroLock™-U25.000). www.tauropharm.de

Teva Pharmaceuticals..............................Booth F3
Teva is a leading global pharmaceutical company committed to increasing access to high-quality healthcare by developing, producing and marketing affordable generic drugs as well as innovative specialty pharmaceuticals and active pharmaceutical ingredients. Teva’s branded business focus on CNS, oncology, respiratory and women’s health therapeutic areas as well as nephrology and transplant. Teva has a direct presence in about 60 countries and currently employs approximately 46,000 people around the world. www.tevapharm.com
Thermo Fisher Scientific ............................ Booth E13
Thermo Fisher Scientific specialises in innovative products that facilitate earlier diagnosis of diseases and better control of therapy, thus enabling doctors to provide more efficient and economic patient care. Major fields of activity are diagnosis of infectious and thyroid diseases, cardiology and pneumology as well as sepsis, tumors, and Down’s syndrome.
www.thermoscientific.com/brahms

Tianjin Alpha Renal Life Science .................. Booth C5
Tianjin Alpha Renal Life Science Co., Ltd is a manufacturer for producing the Artificial Kidney (a.k.a. Dialyzer) for renal failure treatment. Our products including three levels of dialyze efficiency: Low flux, Balanced flux and High flux fulfilling any requirement of renal failure treatment. The PES hollow fiber of the High Flux and Balanced Flux are manufactured by Membrana with Performance Enhancing Technology (P.E.T.®). The PS hollow fiber of the Low Flux is manufactured by Trillium. We also have transferred the assembly technology from our partner, Alpha Plan GmbH, Germany. Our factory is located at Tianjin city of China. The space of clean room is 600 sqm. Our annual capacity is 1 million dialyzers. The quality assurance system is followed by ISO 13485 and CE standard. With confidence, we are here to provide the safe, reliable and economical products to all the customers.

Toray ................................................................. Booth G3
TORAY is a leading manufacturer of synthetic fibers and dedicated to the development of dialysis products under its corporate slogan, “Innovation by Chemistry”. Toray supports high quality and advanced medical care with our biocompatible polymethylmethacrylate dialyzer, “FILTRYZER”, high flux polysulfone dialyzer, “TORAYSULFONE” & “TORAYLIGHT”, and dialysis machines.
www.toray-medical.com
TSN Turkish Society of Nephrology .......... Booth E9

When the Turkish Society of Nephrology (TSN) was founded in Istanbul forty one years ago in 1970, it coincided with that of many of the Western European Nephrology Societies. TSN successfully organized the 15th ERA-EDTA Congress in Istanbul in 1978, earlier than many European countries. On 4-7 June 2005 it has also hosted in Istanbul the 42nd ERA-EDTA Congress that broke prior records for abstract submission (1959) & participation (6135 delegates). TSN has also hosted on 21-25 June 2008 the 12th Congress of ISPD in Istanbul. Finally, the 9th BANTAO Congress was hosted by TSN on 18-21 November 2009 in Antalya. Currently, TSN has 505 active members and also 8 branches with their own separate memberships in Istanbul, Izmir, Kayseri, Antalya, Bursa, Konya, Adana and Ankara. Turkish membership has actually reached 389 in ERA-EDTA (6th largest membership).

TSN organized various meetings, congresses in its 43 years;

- 15th Congress of ERA-EDTA, Istanbul 1978
- 4th Congress of BANTAO (incorporated to the 16th TSN National Congress), Izmir 1999
- 42nd Congress of ERA-EDTA, Istanbul, 4-7 June 2005 (Turkey has become one of the 10 Countries to host this Congress more than once by 2005.)
- 9th ISGNU International Conference on Geriatric Nephrology and Urology, Antalya, 15-16 November 2007
- 12th Congress of ISPD, Istanbul, 21-24 June 2008
- 9th Congress of BANTAO (incorporated to the 26th TSN National Congress), Antalya, 18-21 November 2009
- CME Course ‘Chronic Kidney Disease: Epidemiology, Management and Treatment’, Istanbul, 3-5 June 2011
- CME Course “ Cardiorenal Syndrome (CRS): A cross-stalk between cardiologists and nephrologists”, Antalya, 20 October 2011
- EURECA-m CME Course: Cardiovascular Problems and Solutions in Chronic Kidney Disease. Ankara, September 6-7, 2012

www.tsn.org.tr/en/
Vifor Fresenius Medical Care Renal Pharma

Booth R10+R14

Vifor Fresenius Medical Care Renal Pharma Ltd. is a joint company owned 55% by Galenica, the parent company of Vifor Pharma, and 45% by Fresenius Medical Care. The joint company develops and commercialises innovative therapies for chronic kidney disease worldwide. Products include Venofer® and Ferinject® in the field of dialysis and predialysis (CKD stage III – V) and PA21, a novel iron-based phosphate binder. www.viforpharma.com

Vitaflo International

Booth B7

Vitaflo International Limited is a specialist clinical nutrition company involved in the research, development and availability of Foods For Special Medical Purposes. Such products included in our portfolio are those that are designed with Renal disease in mind such as our growing brand Renastart, as well as Vitabite and ProZero. We also have a new and exciting product offering – Pro-Cal singles. Please come to our stand to find out more! www.vitaflo.co.uk

Wichtig

Booth H8

Wichtig Editore Medical Publisher began its activity in 1977, dedicating passion and competence to the publication of widely appreciated scientific journals and books - focusing on nephrology, dialysis and transplantation - mostly indexed in important bibliographic databases. The Editorial board of these outstanding journals acknowledge well-known leading scientist and, it is also thanks to their contributions, that Wichtig Editore’s titles are increasingly appreciated worldwide. Also, to be up-to-date, Wichtig Editore medical Publisher is working to make its publications available as e-pubs.

Ws Far Ir Medical Tech.................................Booth B4
We are the pioneer in Far-Infrared medical equipment industry, and have been manufacturing the FIR Therapy Unit for 20 years; our product **WS Far-Infrared Therapy Unit** is an essential tool for vascular access care in the hemodialysis centers all across Taiwan. In March 2007, the clinical evidence, “Far Infrared Therapy: a Novel Treatment Improving Access Blood Flow and Unassisted Patency of Arteriovenous Fistula in Hemodialysis Patients” was published in the Journal of American Society of Nephrology shows that Far-Infrared Therapy can effectively improve the access blood flow and unassisted patency of AV Fistula in hemodialysis patients.

www.far-infrared.com.tw
## Programme at a Glance - Saturday, May 18th, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Details</th>
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<tbody>
<tr>
<td>09:00 - 09:45</td>
<td>EURECA-m ongoing projects</td>
<td>Harbiye Auditorium</td>
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<tr>
<td>10:00 - 11:30</td>
<td>EURECA-m CME 1.1 Cardiovascular end-organ damages in ESRD</td>
<td>Emirgan 2</td>
<td>IWG CME 2.1 Renal interstitial inflammation</td>
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<td>EUDIAL CME 3.1 Basic for delivering safe and effective HDF</td>
<td>Beylerbeyi 2</td>
<td>EU-Tox CME 4.1 Biomarkers</td>
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<td>WGIKD CME 5.1 Genetics – New perspectives</td>
<td>Beylerbeyi 1</td>
<td>CKD/MBD CME 6.1 Genetics – New Perspectives</td>
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<td></td>
<td>9.00 - 10.45 Ped. Neph. CME 7.1 (with ESPN) - Urinary tract infections</td>
<td>Macka</td>
<td>10.45 - 12.15 Ped. Neph. CME 7.2 (with ESPN) - Acute renal failure in the paediatric age group</td>
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<td>9.30 - 10.30 DESCARTES CME 8.1 (with ESOT) Transplantation in children</td>
<td>Üsküdar 1</td>
<td>10.30 - 13.00 DESCARTES WG CME 8.2 (with ESOT) How to increase the renal transplant activity in Europe</td>
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<td>9.15 Special Session 1 Healthcare in Europe</td>
<td>Camlica</td>
<td>Registry CME 9.1 CKD cohorts across Europe</td>
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<td>09.00 - 10.45 Ped. Neph. CME 7.1 (with ESPN) - Urinary tract infections</td>
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<td>14.00 - 15.30 EURECA-m CME 1.3 Reverse cardiovascular epidemiology in CKD patients</td>
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<td>IWG CME 2.2 Lupus Nephritis</td>
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<td>EUDIAL CME 3.2 Lupus Nephritis</td>
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<td>EU-Tox CME 4.2 Calcium and MBD in CKD</td>
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<td>WGIKD CME 5.2 Update on tubular disorders</td>
<td>Beylerbeyi 1</td>
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<td>EURECA-m CME 1.2 Inflammation and CKD-MBD in vascular injury</td>
<td>Emirgan 2</td>
<td>EUDIAL CME 3.3 Complement dysregulation and renal diseases</td>
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<td>EU-Tox CME 4.3 Uraemic toxins</td>
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<td>WGIKD CME 5.4 Uraemic toxins</td>
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<td>WGIKD CME 5.4 Guidelines and policies</td>
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<td>EU-Dial CME 3.3 HDF in today’s clinical practice</td>
<td>Beylerbeyi 2</td>
<td>EU-Tox CME 4.3 Endothelium and cardiovascular diseases</td>
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<td>Beylerbeyi 1</td>
<td>WGIKD CME 5.3 ADPKD</td>
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<td>EUDIAL CME 3.3 Endothelium and cardiovascular diseases</td>
<td>Macka</td>
<td>PED. Neph. CME 7.3 (with ESPN) - Diagnosis and management of osteoedystrophy in CKD</td>
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<td>EU-Tox CME 4.4 Uraemic toxins</td>
<td>Üsküdar 1</td>
<td>DESCARTES WG CME 8.3 (with ESOT) How to improve long term graft function</td>
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<td>9.00 - 10.45 Ped. Neph. CME 7.1 (with ESPN) - Urinary tract infections</td>
<td>Camlica</td>
<td>Registry CME 9.2 Issues incritical appraisal of observational research</td>
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<td>Üsküdar 2</td>
<td>Special Symposium Ethics</td>
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<td>15:30 - 17:00</td>
<td>EURECA-m CME 1.4 Renal denervation for treatment of severe hypertension</td>
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<td>18:00 - 19:30</td>
<td>Opening ceremony</td>
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<td>19:30 - 21:00</td>
<td>Welcome reception</td>
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<td>Welcome reception</td>
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**LEGENDA**

- Paediatric Nephrology, genetic diseases, early diagnosis
- Renal transplantation: improve organ recruitment and preserve long term graft function
- Fluids, electrolytes, tubular transport, physiology and renal regeneration
- Glomerular diseases and clinical nephrology from basic science to therapy
- Acute Kidney Injury
- Chronic Kidney Disease (CKD): pathophysiology, epidemiology, prevention, progression
- Hypertension, vascular diseases
- Dialysis, End Stage Renal Disease and DOPPS
### Programme at a Glance - Sunday, May 19th, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
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<tr>
<td>07:30 - 08:30</td>
<td><strong>MC 01</strong> Home therapies: is success possible?</td>
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<td><strong>MC 02</strong> The renal consult in rheumatology unit</td>
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<td><strong>MC 03</strong> Cardiovascular calcification / CKD-MBD</td>
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<td><strong>MC 04</strong> Challenges in AKI management in ICU</td>
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<td><strong>MC 05</strong> Lipids in CKD</td>
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<td><strong>MC 06</strong> Glomerular diseases: the new and the renewed</td>
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<td><strong>MC 07</strong> Functional imaging in nephrology</td>
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<td><strong>MC 08</strong> Uric acid and CKD</td>
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<td><strong>MC 09</strong> Nutrition, water and salt in children</td>
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<td><strong>MC 10</strong> Drugs in transplantation</td>
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<td>08:45 - 10:15</td>
<td><strong>S 01</strong> LBCT 1</td>
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<td><strong>S 02</strong> New actors in glomerular inflammation</td>
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<td><strong>S 03</strong> Progeria syndrome in CKD/ESRD</td>
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<td><strong>S 04</strong> ERA-EDTA Registry</td>
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<td><strong>FC 01</strong> Renal vasculitis</td>
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<td><strong>FC 02</strong> - CKD-MBD - A</td>
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<td><strong>S 05</strong> Novel epithelial cell models</td>
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<td><strong>S 06</strong> C A K U T</td>
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<td>10:15 - 11:45</td>
<td><strong>S 07</strong> Transplantation tolerance</td>
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<td>11:45 - 12:30</td>
<td><strong>PL 01</strong> Hoffmann</td>
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<td>12:30 - 14:15</td>
<td><strong>Industry Symposium</strong></td>
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<td>14:30 - 16:00</td>
<td><strong>S 08</strong> Common dialysis problems: new solutions</td>
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<td><strong>S 09</strong> Biological targets for treatment of glomerular diseases</td>
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<td><strong>S 10</strong> Biomarkers of AKI</td>
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<td><strong>S 11</strong> ASN highlights</td>
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<td><strong>FC 04</strong> Hypertension and outcomes</td>
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<td><strong>FC 05</strong> ESAs and iron</td>
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<td><strong>S 12</strong> New insights into the loop of Henle</td>
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<td><strong>FC 06</strong> Cardiovascular disease in CKD</td>
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<td><strong>FC 07</strong> Paediatric nephrology - B</td>
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<td><strong>FC 08</strong> Transplantation - basic</td>
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<td>16:15 - 17:45</td>
<td><strong>S 13</strong> Hypertension in CKD</td>
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<td><strong>S 14</strong> Membranous nephropathy</td>
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<td><strong>S 15</strong> Peritoneal and hemodialysis choices</td>
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<td><strong>Literature Update</strong></td>
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<td><strong>S 16</strong> Phosphate, a novel risk factor for cardiovascular disease and CKD</td>
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<td><strong>FC 09</strong> Diabetes - clinical</td>
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<td><strong>FC 11</strong> Biomarkers</td>
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<td><strong>S 17</strong> Cystic disease, ciliopathy and mitochondrial cytopathies</td>
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<td><strong>S 18</strong> Immuno-suppression: when not enough, when too much</td>
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*Hands-on Course 1 Interventional Nephrology (ASDIN)*
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<tr>
<th>Time</th>
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<tr>
<td>07.30 - 08.30</td>
<td>MC 11 Dialysis complications</td>
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<td>MC 12 Physical exercise in CKD patients: good for everyone?</td>
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<td>MC 13 Diabetic nephropathy: update of an old disease</td>
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<td>MC 14 Common CKD problems: new solutions</td>
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<td>MC 15 Diagnosis, prevention and treatment of AKI</td>
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<td>MC 16 Circulating and podocytic factors in proteinuria</td>
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<td>MC 17 Peritoneal dialysis: new approaches to common problems</td>
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<td>MC 18 An update on hypertension</td>
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<td>MC 19 Transition of children with renal disease to adult age</td>
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<td>MC 20 Infectious issues in renal tx</td>
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<td>08.45 - 10.15</td>
<td>S 19 Cardiovascular function in CKD</td>
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<td>S 20 Alternative methods of uraemic toxin removal</td>
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<td>S 21 IgA Nephropathy</td>
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<td>MC 12 Novel risk markers/factors for progression in CKD</td>
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<td>MC 13 Renal fibrosis and progression</td>
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<td>MC 14 Cystic kidney diseases</td>
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<td>MC 15 Fine-tuning of sodium transport in the distal nephron</td>
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<td>10.15 - 11.45</td>
<td>Poster session, coffee break and exhibition visit</td>
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<td>11.45 - 12.30</td>
<td>PL 02 Remuzzi</td>
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<td>S 22 Challenges in paediatric dialysis</td>
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<td>S 23 Antibody mediated graft damage</td>
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<td>12.30 - 14.15</td>
<td>Industry Symposium Genzyme</td>
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<td>Industry Symposium Novartis Oncology</td>
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<td>14.30 - 16.00</td>
<td>S 24 Lupus nephritis and vasculitis</td>
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<td>S 25 The endothelium and peripheral nervous system in hypertension</td>
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<td>S 26 A novel actor: hypo and hypermagnesemia</td>
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<td>S 27 CSN and ERA-EDTA Joint Symposium</td>
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<td>S 30 Special Session 2 Developing nephrology</td>
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**Programme at a Glance - Monday, May 20th, 2013**

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<th>Time</th>
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<tbody>
<tr>
<td>08.00 - 09.30</td>
<td>S 36 AKI: specific causes and conditions</td>
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<td>S 37 Inflammation, oxidative stress and cardiovascular risk in CKD</td>
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<td>S 38 forefront in hypertension</td>
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<td>S 39 Benefits and risks when pushing renal regeneration</td>
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<td>FC 23 Glomerular injury</td>
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<td>FC 24 Lipids and other risk factors</td>
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<td>FC 25 Diabetes - basic reasearch</td>
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<td>Special Session 3 Young Nephrologists Platform (YNP)</td>
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<tr>
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<td>S 40 Early diagnosis of renal diseases in children and young adults</td>
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<tr>
<td>09.30 - 09.45</td>
<td>Coffee break and exhibition visit</td>
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<tr>
<td>09.45 - 10.30</td>
<td>PL 03 Ikizler</td>
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<tr>
<td>10.30 - 11.30</td>
<td>Hands-on Course 3 Ultrasound in Nephrology</td>
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<tr>
<td>11.30 - 13.00</td>
<td>S 42 Kidney in sepsis</td>
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<tr>
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<td>S 43 Amyloidosis, light chain nephropathy and myeloma</td>
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<td>S 44 Peritoneal dialysis news</td>
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<tr>
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<td>S 45 Management of diabetes in advanced CKD</td>
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<td>FC 26 Nutrition and inflammation</td>
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<td>FC 27 Renal physiology and kidney stones</td>
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<td>FC 28 Tubular ischemia and toxicity</td>
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<td>FC 29 Heart and bone in CKD - B</td>
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**LEGENDA**

- Paediatric Nephrology, genetic diseases, early diagnosis
- Renal transplantation: improve organ recruitment and preserve long term graft function
- Fluids, electrolytes, tubular transport, physiology and renal regeneration
- Glomerular diseases and clinical nephrology from basic science to therapy
- Acute Kidney Injury
- Chronic Kidney Disease (CKD): pathophysiology, epidemiology, prevention, progression
- Hypertension, vascular diseases
- Dialysis, End Stage Renal Disease and DOPPS

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**Programme at a Glance - Tuesday, May 21st, 2013**
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