The 21st Budapest Nephrology School
Nephrology, Hypertension, Dialysis, Transplantation

Under the Auspices of
ISN, ERA-EDTA and ISP

26–31 August, 2014

In conjunction with Young Nephrologists’ Platform (24-25, August, 2014) and the 12th International Symposium on Wine and Health and on the occasion of the 9th World Kidney Day

Semmelweis University
International Nephrology Research & Training Center
Worldwide Hungarian Medical Academy
Vanderbilt University Medical Center
University of Toronto, Avicenna College
International Society for Pathophysiology
Hungarian Kidney Foundation (Charity Reg. Nr. 596/1987)

25th Anniversary of the Hungarian Kidney Foundation
Dear Colleague,

**Budapest Nephrology School** is a one-week, English speaking, internationally recognized, CME refresher nephrology course which has been organized by the Hungarian Kidney Foundation at the **Semmelweis University** for the past 20 years, under the auspices of **ISN** and **ERA-EDTA**. The school is accredited worldwide by EU in Brussels. The School published a book titled “**Nephrology, Hypertension, Dialysis and Transplantation**” edited by T. Andreoli, E. Ritz and L. Rosivall. The new, 3rd edition of the book just has been published as an e-book and will be printed soon.

During this one-week program, our distinguished international speakers provide updates in nephrology, hypertension, dialysis and transplantation. We cover the field from molecule to bedside, from the most recent scientific advances to the current clinical approaches. Workshops provide the possibility for close interaction with the faculty in small groups. Participants are encouraged to present their posters, raise questions and consult other colleagues on problematic cases. Programs are also arranged to visit quality dialysis and research units. The Budapest Nephrology School has always kept high standards and performed successfully with international positive feed-backs. So far doctors from 62 countries have attended the school. Our success is reflected by the increasing number of participants who have repeatedly attended the school.

The school is proud of its faculty who has represented the international most recognized experts in the field from the very beginning. We believe that the school is also a unique opportunity for our colleagues to spend some time in Budapest and while enjoying the cultural, architectural, social, historical beauties and the special Hungarian hospitality of a thousand years old country, meet with colleagues worldwide and get the refresher in the field from the best.

The 21st Budapest Nephrology School is held in conjunction with **Young Nephrologists’ Platform** (24-25, August, 2014) and the **12th International Symposium on Wine and Health** and on the occasion of the **9th World Kidney Day**.

The 21st Budapest Nephrology School was accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for 29 European CME credits (ECMEC). The Course included 52 hours of scientific lectures and a final examination which can be locally evaluated according to national standards (in Hungary it is equal to 50 CME credits).

Looking forward to seeing you in Budapest soon.

Sincerely yours,

\[Signature\]

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Preliminary Program

AUGUST 26 (Tuesday)

08:00 – 09:00  REGISTRATION
Venue:
Department of Transplantation and Surgery
Semmelweis University
Baross street 23.
1082 Budapest

OPENING

09:00 – 09:20  Welcome Addresses and Official Opening
L. Rosivall, President of the Hungarian Kidney Foundation
E. Ritz, Past President of the International Society of Nephrology
Á. Szél, President of the Semmelweis University, Budapest, Patronage of the School
Gy. Reusz, President of the Hungarian Nephrological Society, Budapest
R. Langer, Chair of the Department of Transplantation and Surgery, Semmelweis University

FROM MOLECULES TO BEDSIDE, FROM THEORY TO PATIENT CARE

Moderator:

09:20 – 09:50  How the Glomerulus Works, Functional Morphology?
09:50 – 10:00  Discussion
Steve Harper, UK

10:00 – 10:30  How the Glomerulus Works, GFR Regulation?
10:30 – 10:40  Discussion
Steve Harper, UK

10:40 – 11:10  Estimation and Measurement of GFR, Past, Present and Future
11:10 – 11:20  Discussion
Mustafa Arici, Turkey

11:20 – 11:50  Disaster Nephrology
11:50 – 12:00  Discussion
Mustafa Arici, Turkey

12:00 – 12:50  Lunch

Moderator:

12:50 – 13:20  Interstinal Microbiota-Kidney Diseases
13:20 – 13:30  Discussion
Hans Joachim Anders, Germany

13:30 – 14:00  Role of Diet in Nephrology
14:00 – 14:10  Discussion
Kamyar Kalantar-Zadeh, U.S.A.

14:10 – 14:40  Role of Diet in Nephrology Care
14:40 – 14:50  Discussion
Kamyar Kalantar-Zadeh, U.S.A.
14:50 – 15:20  **Coffee Break**

**Moderator:**

15:20 – 15:50  **Visualization of Kidney Tissue Regeneration**
15:50 – 16:00  Discussion
   *János Peti-Peterdi, U.S.A.*

16:00 – 16:30  **Role of Different Cells in Renal Regeneration**
16:30 – 16:40  Discussion
   *Hans Joachim Anders, Germany*

**12TH INTERNATIONAL SYMPOSIUM ON WINE AND HEALTH in conjunction with the 21st Budapest Nephrology School**

16:40 – 17:10  **Effects of Alcohol and Wine on Health**
17:10 – 17:20  Discussion
   *Eberhard Ritz, Germany*

18:30 – 22:00  **Elaboration and Presentation of Hungarian Wines Symposium Dinner**

18:30 – 18:40  **Presidential Greetings**
   *László Rosivall, Hungary*

18:40 – 19:10  **Elaboration and Presentation of Hungarian Wines**
   *Ernő Péter Botos, Hungary*

19:10 – 22:00  **Dinner**
   Special Hungarian Dishes
   Selected Quality Wines from the Best Known Hungarian Cellars

**Number of lectures: 10**

**AUGUST 27 (Wednesday)**

**Moderator:**

09:00 – 09:30  **Circadian Oscillation in the Kidney**
09:30 – 09:40  Discussion
   *Krisztina Mészáros, Eberhard Ritz, Germany*

09:40 – 10:10  **Kidney Biomimicry**
10:10 – 10:20  Discussion
   *Peter Stenvinkel, Sweden*

10:20 – 10:50  **Obesity and Kidney Diseases**
10:50 – 11:00  Discussion
   *Peter Stenvinkel, Sweden*

11:00 – 11:30  **Coffee Break**

**Moderator:**

11:30 – 12:00  **Renal Renin-Angiotensin System**
12:00 – 12:10  Discussion
   János Peti-Peterdi, U.S.A.

12:10 – 12:40  Genetics of Non-Diabetic Kidney Disease
12:40 – 12:50  Discussion
   Barry I Freedman, U.S.A.

12:50 – 13:40  Lunch

Moderator:

13:40 – 14:10  Genetics of Diabetic Kidney Disease and Essential Hypertension
14:10 – 14:20  Discussion
   Barry I Freedman, U.S.A.

14:20 – 14:50  News in Diabetic Nephrology
14:50 – 15:00  Discussion
   Eberhard Ritz, Germany

15:00 – 15:30  Coffee Break

Moderator:

15:30 – 16:00  Renal Pharmacology
16:00 – 16:10  Discussion
   Marc E. De Broe, Belgium

16:10 – 16:40  Nephrotoxicity
16:40 – 16:50  Discussion
   Marc E. De Broe, Belgium

16:50 – 17:20  Buffet

17:20 – 18:10  Visit of the Historical Building of the Semmelweis University

20:00 – 21:00  ORGAN CONCERT
   Venue: St. Stephen Basilica
   1051 Budapest, St. Stephen square

Number of lectures: 9

AUGUST 28 (Thursday)

Moderator:

09:00 – 09:30  Bone, Vasculature, Calcium and Renal Diseases
09:30 – 09:40  Discussion
   Eberhard Ritz, Germany

09:40 – 10:10  FGF23: An update for Clinicians
10:10 – 10:20  Discussion
   Csaba P. Kövesdy, U.S.A.

10:20 – 10:50  Uric Acid in Nephrology
10:50 – 11:00  Discussion
   Anthony J. Bleyer, U.S.A.
11:00 – 11:30  Coffee Break

Moderator:

11:30 – 12:00  Tubular Transport
12:00 – 12:10  Discussion
   János Peti-Peterdi, U.S.A.

12:10 – 12:40  Tissue Sodium in Normotensive individuals and Hypertensive Patients
12:40 – 12:50  Discussion
   Jens Titze, Germany, U.S.A.

12:50 – 13:40  Lunch

Moderator:

13:40 – 14:10  Lymph, Guts and Hypertension-Hypothesis?!
14:10 – 14:20  Discussion
   Jens Titze, Germany, U.S.A.

14:20 – 14:50  Hyponatremia
14:50 – 15:00  Discussion
   Ewout J. Hoorn, The Netherlands

15:00 – 15:30  Electrolyte Disturbances
15:30 – 15:40  Discussion
   Ewout J. Hoorn, The Netherlands

15:40 – 16:10  Coffee Break

Moderator:

16:10 – 16:40  Clinical Approach to Polycystic Kidney Disease
16:40 – 16:50  Discussion
   György Reusz, Hungary

16:50 – 17:20  Regulation of Bioenergetics in PKD and CKD
17:20 – 17:30  Discussion
   Mónika Beck Gööz, U.S.A.

17:30 – 18:00  Buffet

20:00 – 21:00  BOAT TOUR ON THE DANUBE

Number of lectures: 10

AUGUST 29 (Friday)

Moderator:

08:40 – 09:10  The Kidney in Heart Failure
09:10 – 09:20  Discussion
   Sadayosi Ito, Japan

09:20 – 09:50  The Kidney and Metabolism
09:50 – 10:00  Discussion
           Sadayosi Ito, Japan

10:00 – 10:30  My Most Interesting Cases

10:30 – 10:40  Discussion
           Faculty

10:40 – 11:10  Coffee Break

**Moderator:**

11:10 – 11:40  My Most Interesting Cases
11:40 – 11:50  Discussion
           Participants

11:50 – 12:20  News in Glomerular Diseases
12:20 – 12:30  Discussion
           Hans Joachim Anders, Germany

12:30 – 13:00  Alternative Hemodialysis Regiments
13:00 – 13:10  Discussion
           Gerald Schulman, U.S.A.

13:10 – 13:40  Where does Nephrology Go?
13:40 – 13:50  Discussion
           Peter Stenvinkel, Sweden

**Moderator:**

13:50 – 14:20  “Meet the Professors” - Discuss Your Own Questions with the Professors

14:20 – 15:00  Lunch

**15:00 – 19:00  SIGHTSEEING TOUR, PARLIAMENT VISIT**

**Number of lectures: 7**

**AUGUST 30 (Saturday)**

*Venue: B. Braun Avitum, Aesculap Academy
1115 Budapest, Halmi u. 20-22.*

*(Transportation will be provided.)*

**DIALYSIS, TRANSPLANTATION**

**Moderator:**

09:00 – 09:30  Dialysis, 2014
09:30 – 09:40  Discussion
           Francesco Locatelli, Italy

09:40 – 10:10  Haemodiafiltration
10:10 – 10:20  Discussion
           Francesco Locatelli, Italy

10:20 – 10:50  Novel Extracorporeal Support Techniques for Patients with SIRS
10:50 – 11:00  Discussion
Balázs Szamosfalvi, U.S.A.

11:00 – 11:30 Coffee Break

Moderator:

11:30 – 12:00 Impact of Recipients’ Obesity on the Outcome of Kidney Transplantation
12:00 – 12:10 Discussion
Miklós Zs. Molnár, Canada

12:10 – 12:40 Cardiovascular Risk Reduction in Kidney Transplant Recipients
12:40 – 12:50 Discussion
István Mucsi, Canada, Hungary

12:50 – 13:40 Lunch

Moderator:

13:40 – 14:10 Polyoma Virus Infection
14:10 – 14:20 Discussion
J. Harold Helderman, U.S.A.

14:20 – 14:50 Eurotransplant and Hungary
14:50 – 15:00 Discussion
Róbert Langer, Hungary

15:00 – 15:30 Live Kidney Transplantation and Barrier to Kidney Donation
15:30 – 15:40 Discussion
Simin Goral, U.S.A.

15:40 – 16:10 Coffee Break

Moderator:

16:10 – 16:40 Hepatitis C in Transplantation
16:40 – 16:50 Discussion
Simin Goral, U.S.A.

16:50 – 17:20 Renal Denervation
17:20 – 17:30 Discussion
Andrzej Wiecek, Poland

POSTER SESSION

Moderators:

17:30 – 18:30 Discussion with Wine

18:30 – 20:00 FAREWELL RECEPTION

Number of lectures: 10
**AUGUST 31 (Sunday)**

**RENAL PATHOLOGY - RENAL PATHOLOGY SOCIETY SUPPORTED**

**Moderator:**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>07:40</td>
<td>Renal Pathology - Present and Future</td>
<td>Béla Iványi, Hungary</td>
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<tr>
<td>08:10</td>
<td>Discussion</td>
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<tr>
<td>08:20</td>
<td>Renal Pathology - Transplantion</td>
<td>Eva Honsova, Czech Republic</td>
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<tr>
<td>08:50</td>
<td>Discussion</td>
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<tr>
<td>09:00</td>
<td>Pathology Quiz</td>
<td>Eva Honsova, Béla Iványi, Czech Republic, Hungary</td>
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<td>09:30</td>
<td>Discussion</td>
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<td>09:40</td>
<td>Coffee Break</td>
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**PSYCHONEPHROLOGY, REHABILITATION**

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<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>10:10</td>
<td>Complex Approach to patients with CKD</td>
<td>Ágnes Haris, Kálmán Polner, Hungary</td>
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<tr>
<td>10:40</td>
<td>Discussion</td>
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<tr>
<td>10:50</td>
<td>Rehabilitation of Patients with CKD, a Hungarian example</td>
<td>Kálmán Polner, Ágnes Haris, Hungary</td>
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<td>11:10</td>
<td>Discussion</td>
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**EXAMINATION**

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<tr>
<td>11:20</td>
<td>Test</td>
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<tr>
<td>12:20</td>
<td>Psychonephrology: the Psychosocial Impact of Chronic Kidney Disease</td>
<td>Márta Novák, Canada, Hungary</td>
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<td>13:00</td>
<td>Lunch</td>
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**CONCLUDING REMARKS**

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<th>Time</th>
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<tr>
<td>14:00</td>
<td>László Rosivall</td>
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**Number of lectures: 6**

**Total Number of lectures: 52**

**Contact person:**

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