The 19th Budapest Nephrology School
Nephrology, Hypertension, Dialysis, Transplantation

Under the auspices of
ISN, ERA-EDTA and ISP
26–31 August, 2012

In conjunction with the 10th International Symposium on Wine and Health
and on the occasion of the 7th World Kidney Day

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

It is my pleasure to invite you to the 19th Budapest Nephrology School organized by the Hungarian Kidney Foundation at the Semmelweis University, under the auspices of ISN and ERA-EDTA in conjunction with the 10th International Symposium on Wine and Health and on the occasion of the 7th World Kidney Day.

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. You will also enjoy close interaction with the faculty in small group workshops. You are encouraged to present your poster, raise questions and consult your colleagues on problematic cases. You are also invited to visit our quality dialysis and research units.

We have acted, based on the experience from previous successful years, to keep our standards high. Our success is reflected by the increasing number of participants who have repeatedly attended the school. I hope that the commitment of my colleagues have successfully provided the best conditions for you to learn during this week. I also hope that you will enjoy our exciting social programs and culture in Budapest. You should not forget about the 10th International Symposium on Wine and Health. Wine is not only important to Hungarians but it has a several thousand-year history in mankind’s life. Although, there are 22 historical vineyards in our country, among them such famous places as Tokaj, Villány, Badacsony, and the long culture and tradition of wine consumption, there is a high incidence of cardiovascular disease with the resultant serious decrease in life expectancy in this region.

The 18th Budapest Nephrology School was accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for 30 European CME credits (ECMEC). The Course included 44 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). The same evaluation can be expected.

Sincerely yours,

László Rosivall, MD, PhD, DSc
President
Semmelweis University,
Faculty of Medicine
Department of Pathophysiology
International Nephrology Research & Training Center
Website: www.bns-hungary.hu
E-mail: rosivall@net.sote.hu
AUGUST 26 (Sunday)

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

OPENING
09:00 – 09:45
Welcome Addresses and Official Opening
09:00 – 09:30
L. Rosivall, President of the Hungarian Kidney Foundation
E. Ritz, Immediate Past President of the International Society of Nephrology
A. Wiecek, Secretary/Treasurer Elect of the European Renal Association – European Dialysis and Transplant Association
T. Tulassay, President of the Semmelweis University, Budapest
I. Kiss, Country’s Chief Nephrologist, President of Hungarian Society of Hypertension
R. Langer, Chair of the Department of Transplantation and Surgery, Semmelweis University

BASIC SCIENCE
10:00 – 10:30
Basic Molecular Genetics
10:30 – 10:45 Discussion
Karl Skorecki, Isreal

10:45 - 11:15
Molecular Genetics and Renal Failure
11:15 – 11:30 Discussion
Karl Skorecki, Isreal

11:30 – 12:00
Do Salt or Do Not Salt?
12:00 – 12:15 Discussion
Eberhard Ritz, Germany

12:15 – 13:00
Lunch

13:00 – 13:30
New Findings in Sodium Balance
13:30 – 13:45 Discussion
Jens Titze, Germany

13:45 – 14:15
Development in Real-Time Imaging of Kidney Functions
14:15 – 14:30 Discussion
János Peti-Peterdi, USA

14:30 – 15:00
New Findings in Regulation of Intrarenal Renin Angiotensin Systems
15:00 – 15:15 Discussion
János Peti-Peterdi, USA

15:15 – 15:45
Coffee Break
15:45 – 16:15  **News in Diabetes and Kidney**  
16:15 – 16:30  Discussion  
*Eberhard Ritz, Germany*

**10TH INTERNATIONAL SYMPOSIUM ON WINE AND HEALTH** in conjunction with the 19th Budapest Nephrology School

16:30 – 17:00  **Health and Alcohol in General and Red Wine in Specific**  
17:00 – 17:15  Discussion  
*Eberhard Ritz, Germany*

**18:30 – 22:00 Symposium Dinner**  
Venue: Mercure Budapest Korona  
1053 Budapest, Kecskeméti u. 14

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

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

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

**AUGUST 27 (Monday)**

09:00 – 09:30  **Basic of Genomics, Proteomics, Transcriptomics – a Systems Biology Approach**  
09:30 – 09:45  Discussion  
*Rainer Oberbauer, Austria*

09:45 – 10:15  **Report on SysKID Study**  
10:15 – 10:30  Discussion  
*Rainer Oberbauer, Austria*

10:30 – 11:00  **Coffee Break**

11:00 – 11:30  **Understanding of Epidemiological Studies**  
11:30 – 11:45  Discussion  
*Csaba P. Kövesdy, U.S.A.*

11:45 – 12:15  **Pathmechanism of Tissue Fibrosis**  
12:15 – 12:30  Discussion  
*Monika Gooz, U.S.A.*

12:30 – 13:30  **Lunch**

13:30 – 14:00  **Pathphysiological Role of ADAM17 in Polycystic Kidney Disease**  
14:00 – 14:15  Discussion  
*Monika Gooz, U.S.A.*
14:15 – 14:45  **Metabolic Syndrome, Obesity, Hypertension and Chronic Kidney Disease**
14:45 – 15:00  Discussion
   *Andrzej Wiecek, Poland*
15:00 – 15:30  **Coffee Break**

**CLINICAL NEPHROLOGY**

15:30 – 16:00  **Cardiovascular Risk Reduction in Renal Recipients**
16:00 – 16:15  Discussion
   *Rainer Oberbauer, Austria*
16:15 – 16:45  **Update on Renal Anemia**
16:45 – 17:00  Discussion
   *Andrzej Wiecek, Poland*
17:00 – 18:00  “**Meet the Professors**”
18:00 – 18:30  **Buffet**
20:00 – 21:00  **BOAT TOUR ON THE DANUBE**

**AUGUST 28 (Tuesday)**

08:15 – 08:45  **Pathophysiology of Water and Electrolyte Metabolism**
08:45 – 09:00  Discussion
   *Ágnes Haris, Hungary*
09:00 – 09:30  **Acid-Base Disorders, Acid-Base Quiz**
09:30 – 09:45  Discussion
   *Ágnes Haris, Hungary*
09:45 – 10:15  **Primary Glomerular Disease**
10:15 – 10:30  Discussion
   *Vladmir Tesar, Czech Republic*
10:30 – 11:00  **Coffee Break**
11:00 – 11:30  **Secondary Glomerular Disease, Vasculitis - Plasmapheresis Therapy**
11:30 – 11:45  Discussion
   *György Deák, Hungary*
11:45 – 12:15  **Hepato Renal Syndrome**
12:15 – 12:30  Discussion
   *Jan T. Kielstein, Germany*
12:30 – 13:00  **Kidney-Pancreas, Pancreas Islet Transplantation – Solutions for Diabetic Patients with Advanced CKD**
13:00 – 13:15  Discussion
   *Róbert Langer, Hungary*
13:15 – 14:00  **Lunch**
14:00 – 18:00  **SIGHTSEEING TOUR, PARLIAMENT VISIT**
AUGUST 29 (Wednesday)

08:30 – 09:00  
**Exercise Rehabilitation - Its Role in the Management of Patients with CKD?**  
Discussion  
*Stefan Mustata, Canada*

09:00 – 09:15  
Discussion  

09:15 – 09:45  
**Pregnancy and the Kidney**

09:45 – 10:00  
Discussion  
*Stefan Mustata, Canada*

10:00 – 10:30  
**Secondary Hyperparathyroidism – an Update on Pathophysiology and Treatment**

10:30 – 10:45  
Discussion  
*Marc E. De Broe, Belgium*

10:45 – 11:15  
**Coffee Break**

11:15 – 11:45  
**The Aging Kidney - Pathophysiology and Therapeutic Consequences?**

11:45 – 12:00  
Discussion  
*Jan T. Kielstein, Germany*

12:00 – 12:30  
**Diagnosis and Management of Metabolic Problems in Kidney Transplant Recipients**

12:30 – 12:45  
Discussion  
*István Mucsi, Hungary*

12:45 – 13:45  
**Lunch**

13:45 – 14:15  
**Effective Treatment Strategies to Delay the Progression of Renal Disease and Vascular Disease in CKD**

14:15 – 14:30  
Discussion  
*Csaba P. Kovesdy, U.S.A*

14:30 – 15:00  
**Acute Kidney Injury**

15:00 – 15:15  
Discussion  
*Jan T. Kielstein, Germany*

15:15 – 15:45  
**Coffee Break**

15:45 – 16:15  
**Treatment Options for Chronic Kidney Disease: Metabolic Bone Disease**

16:15 – 16:30  
Discussion  
*Goce Spasovski, Macedonia*

16:30 – 17:00  
**Vitamin D and Survival in CKD and ESRD. Management of Iron Deficiency and Outcomes in CKD and ESRD**

17:00 – 17:15  
Discussion  
*Csaba P. Kovesdy, U.S.A.*

17:15 – 18:00  
**Buffet**

19:00 – 20:00  
**ORGAN CONCERT**
Venue: St. Stephen Basilica  
1051 Budapest, St. Stephen square
### AUGUST 30 (Thursday)

**Venue:** B. Braun Avitum, Aesculap Academy  
1115 Budapest, Halmi u. 20-22.  
(Transportation will be provided.)

**DIALYSIS, TRANSPLANTATION**

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<th>Presenter/Location</th>
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<td>09:00 – 09:30</td>
<td>HD Adequacy</td>
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<td>09:30 – 09:45</td>
<td>Discussion</td>
<td>Balázs Szamosfalvi, U.S.A.</td>
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<td>09:45 – 10:15</td>
<td>Continuous Hemodialysis Modalities - Intensive Care Nephrology</td>
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<td>10:15 – 10:30</td>
<td>Discussion</td>
<td>Balázs Szamosfalvi, U.S.A.</td>
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<td>10:30 – 11:00</td>
<td>Coffee Break</td>
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<td>11:00 – 11:30</td>
<td>The Present and Future of Peritoneal Dialysis</td>
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<td>11:30 – 11:45</td>
<td>Discussion</td>
<td>Ágnes Haris, Hungary</td>
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<td>11:45 – 12:15</td>
<td>Lessons from DOPPS</td>
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<td>12:15 – 12:30</td>
<td>Discussion</td>
<td>David Mendelssohn, Canada</td>
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<td>12:30 – 13:30</td>
<td>Lunch</td>
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<td>13:30 – 14:00</td>
<td>Predialysis Care</td>
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<td>14:00 – 14:15</td>
<td>Discussion</td>
<td>David Mendelssohn, Canada</td>
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<td>14:15 – 14:45</td>
<td>Evaluation of Kidney Transplant Recipients and Donor</td>
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<td>14:45 – 15:00</td>
<td>Discussion</td>
<td>Simin Goral, U.S.A.</td>
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<td>15:00 – 15:30</td>
<td>Coffee Break</td>
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<td>15:30 – 16:00</td>
<td>Pathology and Management of Chronic Allograft Dysfunction</td>
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<td>16:00 – 16:15</td>
<td>Discussion</td>
<td>Simin Goral, U.S.A.</td>
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<td>16:15 – 16:45</td>
<td>Immunobiology of Immunosuppression</td>
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<td>16:45 – 17:00</td>
<td>Discussion</td>
<td>J. Harold Helderman, U.S.A.</td>
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<td>17:00 – 17:30</td>
<td>Complications in Hemodialysis</td>
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<td>17:30 – 17:45</td>
<td>Discussion</td>
<td>Gerald Schulman, U.S.A.</td>
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**POSTER SESSION**

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<tr>
<td>18:00 – 19:00</td>
<td>Discussion with Wine</td>
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| **19:00 – 21:00** | **FAREWELL RECEPTION**  
Sponsored by B.Braun Hungary LTD. |
AUGUST 31 (Friday)

09:00 – 09:30  Sleep Disorders, Psychonephrology
09:30 – 09:45  Discussion
Márta Novák, Canada

PHATOLOGY

09:45 – 10:15  Renal Pathology
10:15 – 10:30  Discussion
Tibor Tóth, United Kingdom

10:30 – 11:00  Coffee Break

11:00 – 11:30  Pathology of Kidney Allograft Dysfunction
11:30 – 11:45  Discussion
Béla Iványi, Hungary

EXAMINATION

11:45 – 12:30  Test

12:30 – 13:00  Renal Pathology Quiz
13:00 – 13:15  Discussion
Tibor Tóth, United Kingdom

13:15 – 14:00  Lunch

CONCLUDING REMARKS

14:00 – 14:15  László Rosivall, Hungary

Commentary

“..., it is a pleasure for the International Society of Nephrology to recognize the tradition established by Dr. Rosivall and his colleagues in the heart of Europe, servicing so many colleagues in their quest for knowledge. Experts from various parts of the world have contributed to render the Budapest School into one of the best of its kind. We congratulate Dr. Rosivall on this momentous achievement.”

Jan J. Weening, Past President of ISN

“As a President of ERA-EDTA association I’m very proud that our Society is a sponsor of the Budapest Nephrology School that next year will celebrate the 10th Anniversary. The best comment about the quality of this school come from a letter I received from one of the participants at last school “I was fortunate to be one of the sponsored delegate by the ERA. I do not have any words to express my sincere gratitude to the ERA and especially you for considering me for the grant from ERA.” I do believe there are no other words to add!”

Francesco Locatelli, Past President of ERA-EDTA

“The Semmelweis University under the dedicated leadership of Professor Rosivall has developed the tradition of an annual Nephrology Summer School in Budapest... The panel of experts is impressive and has included some of the top leaders of nephrology in the world. In recognition of the high standard of this meeting, both the International Society of Nephrology (ISN) and the European Renal Association (ERA) co-sponsor this important event.”

Eberhard Ritz, Past President of ISN
Great work, worth to recommend to colleagues.

A Participant

Some faculty members of the previous Schools