The 18th Budapest Nephrology School
(Nephrology, Hypertension, Dialysis, Transplantation)

Under the auspices of
ISN, ERA-EDTA and ISP
26–31 August, 2011

In conjunction with the 9th International Symposium on Wine and Health
and on the occasion of the 6th 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. 1987)
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Dear Colleague,

It is my pleasure to invite you to the 18th 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 9th International Symposium on Wine and Health and on the occasion of the 6th 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 9th 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 17th Budapest Nephrology School was accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for 30 European CME credits (ECMEC). The Course included 48 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). We are expecting to have similar evaluation for the 18th Budapest Nephrology School as well.

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
Program

AUGUST 26 (Friday)

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. Wieck, Secretary/Treasurer Elect of the European Renal Association – European Dialysis and Transplant Association
T. Tulassy, 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

Moderator:

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

10:30 – 10:45  Discussion

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

11:15 – 11:30  Discussion

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

12:15 – 13:00  Lunch

Moderator:

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

13:30 – 13:45  Discussion

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

14:15 – 14:30  Discussion

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
9TH INTERNATIONAL SYMPOSIUM ON WINE AND HEALTH in conjunction with the 18th Budapest Nephrology School

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

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 (Saturday)

Moderator:
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

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

HYPERTENSION

11:45 – 12:15 Hypertension Trials Update
12:15 – 12:30 Discussion
Debbie Cohen, U.S.A.

12:30 – 13:30 Lunch
**CLINICAL NEPHROLOGY**

**Moderator:**
13:30 – 14:00  **Secondary Hypertension**
14:00 – 14:15  Discussion
*Debbie Cohen, 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**

**Moderator:**
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 (Sunday)**

**Moderator:**
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
*Vladimir Tesar, Czech Republic*

10:30 – 11:00  **Coffee Break**

**Moderator:**
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
Moderator:
14:00 – 14:30  Exercise Rehabilitation - Its Role in the Management of Patients with CKD?
14:30 – 14:45  Discussion
   Stefan Mustata, Canada
14:45 – 15:15  Pregnancy and the Kidney
15:15 – 15:30  Discussion
   Stefan Mustata, Canada
15:30 – 16:00  Coffee Break
Moderator:
16:00 – 16:30  Secondary Hyperparathyroidism – an Update on Pathophysiology and Treatment
16:30 – 16:45  Discussion
   Marc E. De Broe, Belgium
16:45 – 17:15  The Aging Kidney - Pathophysiology and Therapeutic Consequences?
17:15 – 17:30  Discussion
   Jan T. Kielstein, Germany
17:30 – 18:00  Diagnosis and Management of Metabolic Problems in Kidney Transplant Recipients
18:00 – 18:15  Discussion
   István Mucsi, Hungary
18:15 – 18:45  Buffet
AUGUST 29 (Monday)

**Moderator:**

09:15 – 09:45  **Effective Treatment Strategies to Delay the Progression of Renal Disease and Vascular Disease in CKD**  
Csaba P. Kovesdy, U.S.A

09:45 – 10:00 Discussion  
Csaba P. Kovesdy, U.S.A

10:00 – 10:30 **Acute Kidney Injury**  
Jan T. Kielstein, Germany

10:30 – 10:45 Discussion  
Jan T. Kielstein, Germany

10:45 – 11:15 **Coffee Break**

**Moderator:**

11:15 – 11:45 **Treatment Options for Chronic Kidney Disease: Metabolic Bone Disease**  
Goce Spasovski, Macedonia

11:45 – 12:00 Discussion  
Goce Spasovski, Macedonia

12:00 – 12:30 **Vitamin D and Survival in CKD and ESRD. Management of Iron Deficiency and Outcomes in CKD and ESRD**  
Csaba P. Kovesdy, U.S.A.

12:30 – 12:45 Discussion  
Csaba P. Kovesdy, U.S.A.

12:45 – 13:45 **Lunch**

14:00 – 18:00 **SIGHTSEEING TOUR, PARLIAMENT VISIT**

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

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

DIALYSIS, TRANSPLANTATION

Moderator:
09:00 – 09:30 HD Adequacy
Discussion
Balázs Szamosfalvi, U.S.A

09:30 – 09:45 Discussion
Balázs Szamosfalvi, U.S.A

09:45 – 10:15 Continous Hemodialysis Modalities - Intensive Care Nephrology
Discussion
Balázs Szamosfalvi, U.S.A

10:15 – 10:30 Discussion
Balázs Szamosfalvi, U.S.A

10:30 – 11:00 Coffee Break

Moderator:
11:00 – 11:30 The Present and Future of Peritoneal Dialysis
Discussion
Ágnes Haris, Hungary

11:30 – 11:45 Discussion
Ágnes Haris, Hungary

11:45 – 12:15 Lessons from DOPPS
Discussion
David Mendelssohn, Canada

12:30 – 13:30 Lunch

Moderator:
13:30 – 14:00 Predialysis Care
Discussion
David Mendelssohn, Canada

14:00 – 14:15 Discussion
David Mendelssohn, Canada

14:15 – 14:45 Evaluation of Kidney Transplant Recipients and Donor
Discussion
Simin Goral, U.S.A.

15:00 – 15:30 Coffee Break

Moderator:
15:30 – 16:00 Pathology and Management of Chronic Allograft Dysfunction
Discussion
Simin Goral, U.S.A.

16:15 – 16:45 Immunobiology of Immunosuppression
Discussion
J. Harold Helderman, U.S.A.

17:00 – 17:30 Complications in Hemodialysis
Discussion
Gerald Schulman, U.S.A.

POSTER SESSION
Moderators:

18:00 – 19:00  Discussion with Wine

19:00 – 21:00  FAREWELL RECEPTION  
               Sponsored by B.Braun Hungary LTD.

AUGUST 31 (Wednesday)

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

PHATOLOGY

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

10:30 – 11:00  Coffee Break

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

EXAMINATION

11:45 – 12:30  Test

12:30 – 13:00  Renal Pathology Quiz  
                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
# 18th Budapest Nephrology School

*In conjunction with the 9th International Symposium on Wine and Health and on the occasion of the 6th World Kidney Day*

**26 -31 August, 2011, Budapest – Hungary**

## Timetable at a glance

<table>
<thead>
<tr>
<th>Time</th>
<th>Friday August 26</th>
<th>Saturday August 27</th>
<th>Sunday August 28</th>
<th>Monday August 29</th>
<th>Tuesday+ August 30</th>
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<td>Registration</td>
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<td>Official Opening</td>
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<td>Venue: Hotel Mercure Budapest Korona</td>
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<td>Boat Tour on the Danube</td>
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<td>Posters with Wine</td>
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</table>

**Venue:** Department of Transplantation and Surgery, Semmelweis University, 1082 Bp., Baross u. 23.

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