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
International Society for Pathophysiology
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 will successfully provide 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 19th Budapest Nephrology School was accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for 30 European CME credits (ECMEC). The Course included 46 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).

Sincerely yours,

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Program

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
L. Rosivall, President of the Hungarian Kidney Foundation
E. Ritz, Immediate Past President of the International Society of Nephrology
A. Wiecek, Active Secretary/Treasurer of the European Renal Association – European Dialysis and Transplant Association
G. Spasovski, President of the ERA-EDTA Committee for CME activities
Á. Szél, President of the Semmelweis University, Budapest
T. Tulassay, President of the Society of Hungarian Pediatric Nephrology, Budapest
Gy. Reusz, President of Hungarian Nephrological Society, 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: Jens Titze, Germany

10:00 – 10:30  Basic Molecular Genetics
Discussion
Friedrich C. Luft, Germany

10:45 - 11:15  Molecular Genetics and Renal Failure
Discussion
Friedrich C. Luft, Germany

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

12:15 – 13:00  Lunch

Moderator: Eberhard Ritz, Germany

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

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

14:30 – 15:00  New Findings in Regulation of Intrarenal Renin Angiotensin Systems
Discussion
János Peti-Peterdi, U.S.A.
15:15 – 15:45  **Coffee Break**

*Moderator: Friedrich C. Luft, Germany*

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 **Effects of Alcohol and Wine on Health**
17:00 – 17:15 Discussion
*Eberhard Ritz, Germany*

**Venue:** Mercure Budapest Korona - 1053 Budapest, Kecskeméti u. 14.

18:30 – 22:00 **Elaborations and Presentations 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

**AUGUST 27 (Monday)**

*Moderator: György Reusz, Hungary*

08:15 – 08:45 **Establishing a Research Center at Vanderbilt**
08:45 – 09:00 Discussion
*Jens Titze, Germany*

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: Andrzej Wiecek, Poland*

11:00 – 11:30 **Understanding of Epidemiological Studies**
11:30 – 11:45 Discussion
*Csaba P. Kövesdy, U.S.A.*
11:45 – 12:15  **Pathomechanism of Tissue Fibrosis**
12:15 – 12:30  Discussion  
*Monika Gooz, U.S.A.*

12:30 – 13:30  **Lunch**

*Moderator: Rainer Oberbauer, Austria*

13:30 – 14:00  **Polycystic Kidney Disease - Basic Science Approach**
14:00 – 14:15  Discussion  
*Monika Gooz, U.S.A.*

14:15 – 14:45  **Polycystic Kidney Disease - Clinical Approach**
14:45 – 15:00  Discussion  
*György Reusz, Hungary*

15:00 – 15:30  **Coffee Break**

**CLINICAL NEPHROLOGY**

*Moderator: Ágnes Haris, Hungary*

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 Wieczek, Poland*

17:00 – 17:45  **Buffet**

**19:00 – 20:00**  **ORGAN CONCERT**
Venue: St. Stephen Basilica
1051 Budapest, St. Stephen square

**AUGUST 28 (Tuesday)**

*Moderator: Róbert Langer, Hungary*

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  **Mendelian Hypertension**
10:15 – 10:30  Discussion  
*Friedrich C. Luft, Germany*

10:30 – 11:00  **Coffee Break**
Moderator: Goce Spasovski, Macedonia

11:00 – 11:30  
**Metabolic Syndrome, Obesity, Hypertension and Chronic Kidney Disease**

11:30 – 11:45  
Discussion  
Andrzej Wieck, Poland

11:45 – 12:15  
**Kidney-Pancreas, Pancreas Islet Transplantation – Eurotransplant**

12:15 – 12:30  
Discussion  
Róbert Langer, Hungary

Moderator: Ágnes Haris, Hungary

Róbert Langer, Hungary  
Friedrich C. Luft, Germany  
Goce Spasovski, Macedonia  
Andrzej Wieck, Poland

12:30 – 13:15  
“Meet the Professors” - Discuss Your Own Questions with the Professors

13:15 – 14:00  
Lunch

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

AUGUST 29 (Wednesday)

Moderator: István Mucsi, Hungary

08:30 – 09:00  
**Renal Function Trajectory May Be More Important than CKD Category for Management of Patients with CKD**

09:00 – 09:15  
Discussion  
Steven Rosansky, U.S.A.

09:15 – 09:45  
**When to Initiate Dialysis? - a Critical Examination of the Evidence**

09:45 – 10:00  
Discussion  
Steven Rosansky, U.S.A.

10:00 – 10:30  
**Metabolic Bone Disease in CKD**

10:30 – 10:45  
Discussion  
Goce Spasovski, Macedonia

10:45 – 11:15  
**Coffee Break**

Moderator: Steve Rosansky, U.S.A.

11:15 – 11:45  
**Vitamin D**

11:45 – 12:00  
Discussion  
Marc E. De Broe, Belgium

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  
**Moderator: Gerald Schulman, U.S.A.**

**Ten Hypertensive Patients I Have Known**

14:15 – 14:30  
Discussion

*Friedrich C. Luft, Germany*

14:30 – 15:00  
**GWAS Studies for Hypertension**

15:00 – 15:15  
Discussion

*Friedrich C. Luft, Germany*

15:15 – 15:45  
**Coffee Break**

15:45 – 16:15  
**Effective Treatment Strategies to Delay the Progression of Renal Disease and Vascular Disease in CKD**

16:15 – 16:30  
Discussion

*Csaba P. Kovesdy, U.S.A*

16:30 – 17:00  
**Extrapolation of Hypertension Guidelines from General Population to CKD Patients: Appropriate or Inappropriate?**

17:00 – 17:15  
Discussion

*Csaba P. Kovesdy, U.S.A.*

17:15 – 17:45  
**Buffet**

20:00 – 21:00  
**“MEET THE PROFESSORS” DURING THE BOAT TOUR ON THE DANUBE**

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**AUGUST 30 (Thursday)**

**DIALYSIS, TRANSPLANTATION**

18:00 – 18:30  
**Moderator: Simin Goral, U.S.A.**

09:00 – 09:30  
**HD Adequacy**

09:30 – 09:45  
Discussion

*Balázs Szamosfalvi, U.S.A*

09:45 – 10:15  
**Continuous Hemodialysis Modalities - Intensive Care Nephrology**

10:15 – 10:30  
Discussion

*Balázs Szamosfalvi, U.S.A*

10:30 – 11:00  
**Coffee Break**

11:00 – 11:30  
**Complications in Hemodialysis**

11:30 – 11:45  
Discussion

*Gerald Schulman, U.S.A.*

11:45 – 12:15  
**New Insights in Cellular Biology of Nephrocalcinosis/Lithiasis**

12:15 – 12:30  
Discussion

*Marc E. De Broe, Belgium*

12:30 – 13:30  
**Lunch**
Moderator: J. Harold Helderman, U.S.A.

13:30 – 14:00 Calcium Balance in Renal Failure Patients, Clinical Consequences
Discussion
Marc E. De Broe, Belgium

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

15:00 – 15:30 Coffee Break

Moderator: Csaba P. Kovesdy, U.S.A.

15:30 – 16:00 Potential Treatment Modalities of Chronic Allograft Dysfunction/Failing Kidneys
Discussion
Simin Goral, U.S.A.

16:15 – 16:45 Novel Targets for Clinical Immunosuppression
Discussion
J. Harold Helderman, U.S.A.

POSTER SESSION

Moderators: Simin Goral, U.S.A.
J. Harold Helderman, U.S.A
Marc E. De Broe, Belgium

17:00 – 18:00 Discussion with Wine and Cheese

18:00 – 20:00 Farewell Reception
Venue:
Építész Pince
Ötpacsirta u. 2.
1088, Budapest

AUGUST 31 (Friday)

Moderator: Béla Iványi, Hungary

09:00 – 09:30 Psychonephrology
Discussion
Márta Novák, Canada - Hungary

PATHOLOGY

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

10:30 – 11:00 Coffee Break
**Moderator:** Tibor Tóth, United Kingdom

11:00 – 11:30    **Renal Pathology Quiz**
11:30 – 11:45    **Discussion**
                 **Tibor Tóth, United Kingdom**

**EXAMINATION**
11:45 – 12:30    **Test**
12:30 – 13:00    **Pathology of Kidney Allograft Dysfunction**
13:00 – 13:15    **Discussion**
                 **Béla Iványi, Hungary**

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**