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,

László Rosivall, MD, PhD, DSc
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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  
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  
10:30 – 10:45  Discussion  
Friedrich C. Luft, Germany

10:45 - 11:15  Molecular Genetics and Renal Failure  
11:15 – 11:30  Discussion  
Friedrich C. Luft, Germany

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

12:15 – 13:00  Lunch  
Moderator: Eberhard Ritz, Germany

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, U.S.A.

14:30 – 15:00  New Findings in Regulation of Intrarenal Renin Angiotensin Systems  
15:00 – 15:15  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


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 Wiecek, Poland*

17:00 – 17:30  **Metabolic Bone Disease in CKD**
17:30 – 17:45 Discussion  
*Goce Spasovski, Macedonia*

17:45 – 18:15  **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 Wiecek, 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 Wiecek, 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
10:30 – 10:45  Discussion
   Hanna Abboud, U.S.A.

10:45 – 11:15  Coffee Break

Moderator: Steve Rosansky, U.S.A.

11:15 – 11:45  The Aging Kidney - From Molecules to Bedside
11:45 – 12:00  Discussion
   Hanna Abboud, U.S.A.

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
Moderator: Hanna Abboud, U.S.A.

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  GWAS Studies for Hypertension
15:00 – 15:15  Discussion
   Friedrich C. Luft, Germany

15:15 – 15:45  Coffee Break

Moderator: Marc E. De Broe, Belgium

15:45 – 16:15  Ten Hypertensive Patients I Have Known
16:15 – 16:30  Discussion
   Friedrich C. Luft, Germany

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

AUGUST 30 (Thursday)

DIALYSIS, TRANSPLANTATION

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

Moderator: Balázs Szamosfalvi, U.S.A.

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
Diagnostic and Therapeutic Approach of Patients with Renal Stone Disease
Marc E. De Broe, Belgium

Evaluation of Kidney Transplant Recipients and Donor
Simin Goral, U.S.A.

Coffee Break

Pathology and Management of Chronic Allograft Dysfunction
Simin Goral, U.S.A.

Novel Targets for Clinical Immunosuppression
J. Harold Helderman, U.S.A.

Discussion with Wine and Cheese

Psychonephrology
Márta Novák, Canada - Hungary

Renal Pathology
Tibor Tóth, United Kingdom

Coffee Break
Moderator: Tibor Tóth, United Kingdom

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