



The 12th Budapest Nephrology School

(Nephrology, Hypertension, Dialysis, Transplantation)

Under the Auspices of
ISN, ERA-EDTA
2005, August 25–30



Semmelweis University
International Nephrology Research & Training Center
Worldwide Hungarian Medical Academy
Vanderbilt University Medical Center
University of Toronto
Avicenna College
Hungarian Kidney Foundation

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Dear Colleagues,

It is my pleasure to welcome you to the 12th Budapest Nephrology School organized by the Hungarian Kidney Foundation at the Semmelweis University under the auspices of ISN and ERA-EDTA.

During this one-week program, our distinguished international speakers provide updates in nephrology, hypertension, dialysis and transplantation. In fact, we cover the field from molecule to bedside, from most recent scientific advances to the current clinical approaches. You will also enjoy the close interaction with the faculty in small group workshops. You are encouraged to 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, invite internationally known speakers, provide the most optimum environment, encourage interaction and at the same time reduce the participation fee to the minimum. 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 condition for you to learn during this week. I also wish that you will enjoy our exciting social programs in Budapest. You should not forget about the 3rd International Wine Symposium which is an important event. You will taste the quality Hungarian wines. Wine is not only important to Hungarians but it has a several thousand-year history in life of mankind. Although, there are 24 historical vineyards in our country, among them so 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 12th Budapest Nephrology School is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for 30 CME credits. The Course includes 37 hours scientific lectures and a final examination which can be locally evaluated according to national standards (in Hungary it is equal to 37 CME credits).

Sincerely yours,

A handwritten signature in blue ink, consisting of a large, stylized 'R' followed by the letters 'L' and 'R'.

László Rosivall, M.D., PhD., DSc.,
President

Semmelweis University,
Faculty of Medicine
Department of Pathophysiology
International Nephrology Research & Training Center

PROGRAM

AUGUST 25 (THURSDAY)

- 09:00–10:30 **REGISTRATION**
Department of Transplantation and Surgery,
Semmelweis University, Budapest,
Baross street 23.
- 10:30–11:00 **Welcome Addresses and Official Opening**
L. Rosivall, President of Hungarian Kidney Foundation
E. Ritz, President-elect of ISN
A. Wiecek, Representative of EDTA-ERA CME Council
J. Floege, President of German Nephrology Society
T. Andreoli, Past President of ISN
T. Tulassay, Rector of Semmelweis University
Presentation of the Hungarian Kidney Foundation Silver Plate Award for *Joanne M. Bargman* and *György Gyergyák*

AUGUST 25 (THURSDAY)

Moderator: *László Rosivall* (Budapest, Hungary)

- 11:00–11:45 **Morphology and Function of Juxtaglomerular Apparatus**
László Rosivall
- 11:45–12:30 **Real-time Imaging of Kidney Functions in Vivo**
János Peti-Peterdi
- 12:30–13:30 Lunch
- Moderator: *Giuseppe Remuzzi* (Bergamo, Italy)
- 13:30–14:15 **Reversal of Chronic Kidney Disease**
Giuseppe Remuzzi
- 14:15–15:00 **Diabetic Nephropathy**
Eberhard Ritz
- 15:00–15:30 Coffee break

Moderator: *Eberhard Ritz* (Heidelberg, Germany)

- 15:30–16:15 **Interfering with Progression**
Eberhard Ritz
- 16:15–17:00 **HUS**
Giuseppe Remuzzi
- 17:00–17:45 **Transplantation Achievements and Open Questions**
Giuseppe Remuzzi
- 19:00–22:30 **3rd International Wine Symposium in conjunction with the 6th International Congress of Worldwide Hungarian Medical Academy and the 12th Budapest Nephrology School**
Dinner reception at Hotel Marriott 1052 Budapest, Apáczai Csere János u. 4.
- 19:00–19:10 **Presidential Greetings**
László Rosivall
- 19:10–19:40 **Cardiovascular Risk and Alcohol in General and Red Wine in Specific**
Eberhard Ritz
- 19:40–21:00 **Elaboration on and Presentation of the Hungarian Wines**
Ernő Péter Botos
- 21:00–22:30 **Dinner**
Special Hungarian Dishes
Selected quality wines from the best known Hungarian cellars

AUGUST 26 (FRIDAY)

Moderator: *Joanne M. Bargman* (Toronto, Canada)

- 09:00–09:45 **Mechanism of Acute Renal Injury**
Michael S. Goligorsky
- 09:45–10:30 **ARF – Discussion of Problem Cases**
Michael S. Goligorsky
- 10:30–11:15 **Obesity: A Risk Factor for Renal Insufficiency**
August Heidland
- 11:15–11:45 Coffee break

Moderator: *Michael S. Goligorsky* (Valhalla, New York, USA)

11:45–12:30 **DNA Damage in End-Stage Renal Disease – Potential Modulatory Strategies**
August Heidland

12:30–13:15 **Mendelian Forms of Hypertension**
Friedrich Luft

13:15–14:15 Lunch

Moderator: *Friedrich Luft* (Heidelberg, Germany)

14:15–15:00 **Hypertension – Discussion of Problem Cases**
Friedrich Luft

15:00–15:45 **Acid-Base, Sodium, Potassium, Calcium and Magnesium – Discussion of Problem Cases**
Friedrich Luft

15:45–16:30 **Birth Weight and Kidney Function**
Tivadar Tulassay

16:30–17:00 Buffet

19:00–20:00 **Concert**
Organ playing by:
Prof. Dr. János Borvendég
Venue: Szent István Bazilika
J. S. Bach: Prelude and Fugue (e-moll)
C. Frank: Choral (a-moll)
F. Liszt: Bach Prelude and Fugue

AUGUST 27 (SATURDAY)

Moderator: *Thomas E. Andreoli* (Little Rock, Arkansas, USA)

09:00–09:45 **Adequacy of Peritoneal Dialysis**
Joanne M. Bargman

09:45–10:30 **Non-Infectious Complications After Transplantation**
Simin Goral

10:30–11:15 **Pregnancy in Patients with CKD and After Transplantation**
Simin Goral

11:15–11:45 Coffee break

Moderator: *Gerald Schulman* (Nashville, Tennessee, USA)

11:45–12:30 **Renal Tubular Acidosis**
Thomas E. Andreoli

12:30–13:15 **Hypertensive Syndromes**
Thomas E. Andreoli

13:15–14:15 Lunch

Moderator: *Simin Goral* (Philadelphia, Pennsylvania, USA)

14:15–15:00 **Adequacy of Hemodialysis: The HEMO Study**
Gerald Schulman

15:00–15:45 **Hypotension during Hemodialysis**
Gerald Schulman

15:45–16:30 **Recurrent GN after Transplantation**
Simin Goral

16:30–17:00 Buffet

AUGUST 28 (SUNDAY)

09:00–10:00 **Guided Visit to the Hungarian Parliament**
1357 Budapest,
Kossuth Lajos square 1-3.
Gate No. XII.

Free day

20:00–22:00 **Boat Tour with Dinner on the Danube**
“Rapszódia” Cruise
Departure: Vigadó square Gate No. V.



AUGUST 29 (MONDAY)

Moderator: *August Heidland* (Würzburg, Germany)

09:00–09:45 **Novel Insights into Renal Fibrosis**
Jürgen Floege

09:45–10:30 **Genetic Factors for Prognosis of Renal Diseases and Transplant Dysfunction**
Michael Fischereder

10:30–11:15 **Update on the Management of Lupus Nephritis**
Joanne M. Bargman

11:15–11:45 Coffee break

Moderator: *Jürgen Floege* (Hannover, Germany)

11:45–12:30 **Evidence-Based Treatment of Primary Nephrotic Syndrome**
Joanne M. Bargman

12:30–13:15 **Cardiovascular Status and Mechanisms in Patients with Kidney Disease (Molecular Biology)**
Michael S. Goligorsky

13:15–14:15 Lunch

Moderator: *Pierre Ronco* (Paris, France)

14:15–15:00 **IgAN: Pathogenesis and Treatment Options**
Judit Nagy

15:00–15:45 **PD peritonitis: Trends in pathomechanism and treatment**
Stephan Vas

15:45–16:30 **New Insights into the Pathogenesis of Membranous Nephropathy**
Pierre Ronco

16:30–17:00 Coffee break

19:00–21:00 **Farewell Dinner**
Hotel Platanus

19:00–19:30 Dinner Talk
Medicine and Medical Universities
Thomas E. Andreoli

AUGUST 30 (TUESDAY)

Moderator: *Michael Fischereder* (München, Germany)

09:00–09:45 **Nephrotic Syndrome**
György Reusz

09:45–10:30 **Erythropoietin – Therapeutic Options and Perspectives**
Andrzej Wiecek

10:30–11:15 **Complement System and the Kidney**
János Szebeni

11:15–11:45 Coffee break

11:45–12:30 **Examination** (Test)

12:30–13:15 Lunch

Moderator: *Stephan Vas* (Budapest, Hungary)

13:15–14:00 **Renal Pathology Quiz**
Tibor Tóth

14:00–14:30 **Concluding Remarks, Distribution of Attendance Certificates**
László Rosivall

14:30–15:30 **Visit to Dialysis Center**
(1st Dept. of Int. Med.,
Korányi u. 2/a.)
or
Molecular Biology Laboratories
(Hungarian Academy of Sciences and
Semmelweis University Nephrology
Research Center, Nagyváradi tér 4.)

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, 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, President-elect of ISN

“Great work, worth to recommend to colleagues.”

A PARTICIPANT

Some faculty members of the previous Schools

T. Andreoli, J. Balla, J. M. Bargman, C. Baylís, B. M. Brenner, R. de Châtel, E. Cole, P. Csermely, A. Davison, Gy. Déák, G. Devins, J. Dirks, T. B. Drücke, Cs. Dzsinih, K-U. Eckardt, A. Falus, L. G. Fine, D. Fouque, M. Goligorsky, S. Goral, J. G. Grunfeld, S. Halperin, Á. Haris, L. Harper, U. Heemann, A. Heidland, J. H. Helderman, G. Hercz, L. Hunyadi, E. J. Holtzman, A. Horváth, A. Iaina, N. Ismail, B. Iványi, J. Járay, V-M. Kahari, D. Kerjaschki, I. Kiss, H. Klinkmann, G. Kovacs, R. T. Krediet, K. Kurokawa, N. Lameire, A. Logan, N. Levin, F. Locatelli, F. Luft, D. C. Mendelssohn, I. Mucsi, J. Nagy, D. Naimark, H. H. Parving, M. Paul, F. Perner, A. Rees, E. Ritz, L. Rosivall, B. Rutkowski, B. Sarkadi, D. Schlöndorff, H. Schmidt-Gayk, G. Schulmann, E. Slatopolsky, S. Sonkodi, A. Spät, T. Szabó, A. Tislér, S. W. Tobe, T. Tóth, T. Tulassay, S. Vas, P. Venetianer, J. J. Weening, A. Wiecek, I. Wittman, D. de Zeeuw.

12th Budapest Nephrology School

TIMETABLE AT A GLANCE

	Thursday <i>Aug. 25</i>	Friday <i>Aug. 26</i>	Saturday <i>Aug. 27</i>	Sunday <i>Aug. 28</i>	Monday <i>Aug. 29</i>	Tuesday <i>Aug. 30</i>
<i>Morning</i>	Registration 09:00-11:00 Official Opening 10:30-11:00 Lectures 11:00-12:30	Lectures 09:00-13:15	Lectures 09:00-13:15	Visit to the Parliament 9:00-10:00	Lectures 09:00-13:15	Lectures 09:00-11:15 Examination (Test) 11:45-12:30
<i>Afternoon</i>	Lunch 12:30-13:30 Lectures 13:30-17:45	Lunch 13:15-14:15 Lectures 14:15-16:30		Free Afternoon	Lunch 13:15-14:15 Lectures 14:15-16:30	Lunch 12:30-13:15 Concluding Remarks 14:00-14:30 Dialysis Unit / Research Laboratory 14:30-15:30
<i>Evening</i>	3rd International Wine Symposium in conjunction with the 6th International Congress of Worldwide Hungarian Medical Academy and 12th BNS 19:00-22:30	Concert in the Basilica 19:00-20:00		Gala Dinner Aboard "Csárdás" Boat on Danube 20:00-22:00	Farewell Dinner 19:00-21:00	

MAJOR SPONSORS

Hungarian Kidney Foundation
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