

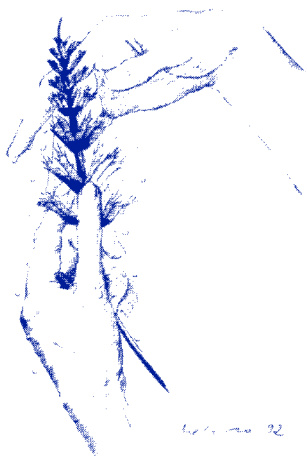
20th Anniversary of the Establishment of the Hungarian Kidney Foundation



# The 14th Budapest Nephrology School

Nephrology, Hypertension, Dialysis, Transplantation

Under the auspices of  
**ISN, ERA-EDTA and ISP**  
25–30 August, 2007



Joint Scientific Meeting of the Department of Medical Sciences of the Hungarian Academy of Sciences and the Budapest Nephrology School on the 20th Anniversary of the Establishment of the Hungarian Kidney Foundation and the 2nd World Kidney Day, 25 August, 2007

**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 Colleague,**

It is my pleasure to welcome you to the Joint Scientific Meeting of the Department of Medical Science of Hungarian Academy of Sciences and the 14th Budapest Nephrology School on the 20th Anniversary of Establishment Hungarian Kidney Foundation and the 2nd World Kidney Day organized by the Hungarian Kidney Foundation at the Semmelweis University under the auspices of ISN, ERA-EDTA and ISP.

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 5th International Symposium on Wine and Health 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 mankind's life. Although, there are 24 historical vineyards in our country, among them so famous places like 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 14th Budapest Nephrology School is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for 36 CME credits. The Course includes 43 hour 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,

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

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

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

## PROGRAM

### AUGUST 25 (SATURDAY)

#### 08:00–09:30 REGISTRATION

*Venue:* Department of Transplantation and Surgery

Semmelweis University,  
Baross street 23., Budapest

**Joint Scientific Meeting of the Department of Medical Sciences of the Hungarian Academy of Sciences and the Budapest Nephrology School on the 20th Anniversary of the Establishment of the Hungarian Kidney Foundation and the 2nd World Kidney Day 25 August, 2007**

*Chairman of the day:* L. Romics

#### 09:30–10:00 Welcome Addresses and Official Opening

*L. Romics*, President of the Medical Chapter Hungarian Academy of Sciences

*L. Rosivall*, President of the Hungarian Kidney Foundation

*E. Ritz*, President of the International Society of Nephrology

*W. Couser*, Immediate Past President of the International Society of Nephrology

*A. Covic*, Secretary General of the European Renal Association

*T. Andreoli*, Past President of the International Society of Nephrology

*T. Tulassay*, Rector of the Semmelweis University Budapest

#### 11:30–12:15 Intrarenal Renin-Angiotensin Systems

*János Peti-Peterdi*

#### 12:15–13:15 Lunch

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

#### 13:15–14:00 Overview of the Mechanism of Immune Glomerular Diseases

*William Couser*

#### DISTURBANCES OF THE CONTROL OF BODY FLUID VOLUME AND COMPOSITION

#### 14:00–14:45 Control of Extracellular Fluid Volume and the Pathophysiology of Edema Formation

*Thomas E. Andreoli*

#### 14:45–15:15 Coffee break

*Moderator:* *William Couser* (Seattle, Washington, USA)

#### 15:15–16:00 Pathophysiology of Water Metabolism, Aquaporins: from Molecules to Medicine

*Søren Nielsen*

#### 16:00–16:45 Renal Tubular Acidosis

*Thomas E. Andreoli*

#### 16:45–17:30 Clinical Disturbances of Calcium, Magnesium, and Phosphate Metabolism

*Eberhard Ritz*

#### 17:30–18:30 Buffet

#### 20:30–21:30 Boat tour on the Danube

Departure: Vigadó square

### AUGUST 25 (SATURDAY)

#### BASIC SCIENCE

*Moderator:* *László Rosivall* (Budapest, Hungary)

#### 10:00–10:45 Real-time Imaging of Kidney Functions in Vivo

*János Peti-Peterdi*

#### 10:45–11:30 Potential Cellular Therapies for Renal Disease

*Melissa Little*

### AUGUST 26 (SUNDAY)

*Moderator:* *Eberhard Ritz* (Heidelberg, Germany)

#### 09:00–09:45 The Hyperkalemic Syndromes

*Thomas E. Andreoli*

#### CLINICAL NEPHROLOGY

#### 09:45–10:30 ANCA-positive and Anti-GBM RPGN

*William Couser*

#### 10:30–11:15 Meet the Professors

- 12:00–13:00 **Guided Visit to the Hungarian Parliament**  
1357 Budapest,  
Kossuth Lajos square 1–3.  
Gate No. XII.
- 17:00–21:00 **5th International Symposium on Wine and Health in conjunction with the 14th Budapest Nephrology School**  
Hotel Platanus
- 17:00–17:10 **Presidential Greetings**  
*László Rosivall*
- 17:10–17:40 **Cardiovascular Risk and Alcohol in General and Red Wine in Specific**  
*Eberhard Ritz*
- 17:40–19:00 **Elaboration on and Presentation of the Hungarian Wines**  
*Ermő Péter Botos and András Csizmadia*
- 19:00–21:00 Dinner  
Special Hungarian Dishes  
Selected quality wines from the best known Hungarian cellars.

## AUGUST 27 (MONDAY)

### CLINICAL NEPHROLOGY

*Moderator: Alain Meyrier (Paris, France)*

- 08:30–09:15 **Diabetic Nephropathy**  
*Eberhard Ritz*
- 09:15–10:00 **Acute Renal Failure**  
*Joanne Bargman*
- 10:00–10:45 **Primary Glomerular Disease**  
*Joanne Bargman*
- 10:45–11:15 Coffee break  
*Moderator: Simin Goral (Philadelphia, Pennsylvania, USA)*
- 11:15–12:00 **Management of Lupus Nephritis**  
*Joanne Bargman*
- 12:00–12:45 **Acute Pyelonephritis**  
*Alain Meyrier*
- 12:45–13:45 Lunch  
*Moderator: Otto Mehls (Heidelberg, Germany)*
- 13:45–14:30 **Malignancies in Patients with Renal Insufficiency**  
*Michael Fischereder*

### APPROACH TO THE PATIENT WITH RENAL DISEASE

- 14:30–15:15 **Kidney Biopsy**  
*Eberhard Ritz*
- 15:15–15:45 Coffee break
- PSYCHONEPHROLOGY  
*Moderator: Edward Cole (Toronto, Canada)*
- 15:45–16:30 **Psychosocial Problems and Quality of Life in Patients with CKD**  
*István Mucsi*
- 16:30–17:15 **Sleep Disorders in Patients with CKD**  
*Márta Novák*
- 17:15–18:15 Buffet
- 19:00–20:00 **Concert**  
Organ playing by  
Prof. Dr. János Borvendég  
Venue: St. Stephen Basilica

## AUGUST 28 (TUESDAY)

### CONTINUED CLINICAL NEPHROLOGY

*Moderator: Michael Fischereder (Munich, Germany)*

- 09:00–09:45 **Intensive Care Nephrology**  
*Wim van Biesen*

### HYPERTENSION

- 09:45–10:30 **Renovascular Hypertension**  
*Alain Meyrier*

### CHRONIC RENAL FAILURE

- 10:30–11:15 **Renal Anemia**  
*David Goldsmith*
- 11:15–11:45 Coffee break  
*Moderator: David Goldsmith (London, UK)*
- 11:45–12:30 **Actual Problems of CKD-Bone Mineral Metabolism**  
*Otto Mehls*

- 12:30–13:15 **Targeting Vascular Damage (Stiffness, Calcifications) in CKD Beyond Blood Pressure**  
*Adrian Covic*

- 13:15–14:15 Lunch

Moderator: Adrian Covic (Iasi, Romania)

14:15–15:00 **Secondary Hyperparathyroidism – an Update on Pathophysiology and Treatment**

*Klaus Olgaard*

15:00–15:45 **Cardiovascular Aspects of Chronic Kidney Disease**

*Eberhard Ritz*

15:45–16:30 **Renoprotection in General and Aldosterone Inhibition**

*Adrian Covic*

16:30–17:30 Buffet

## AUGUST 29 (WEDNESDAY)

RENAL REPLACEMENT THERAPY

Moderator: J. Harold Helderan (Nashville, TN, USA)

09:00–09:45 **Hemodialysis Adequacy**

*Gerald Schulman*

09:45–10:30 **Complication in Hemodialysis, Vascular Access**

*Gerald Schulman*

10:30–11:15 **Peritoneal Dialysis**

*Wim van Biesen*

11:15–11:45 Coffee break

Moderator: Gerald Schulman (Nashville, TN, USA)

11:45–12:30 **Important Lessons from the DOPPS: Implications for Continous Quality Improvement**

*David M. Mendelssohn*

12:30–13:15 **Pregnancy and Renal Disease**

*Simin Goral*

13:15–14:15 Lunch

RENAL TRANSPLANTATION

Moderator: Klaus Olgaard (Copenhagen, Denmark)

14:15–15:00 **Recurrent Diseases after Transplantation**

*Simin Goral*

15:00–15:45 **Evaluation of Kidney Transplant Recipients and Donors**

*Simin Goral*

15:45–16:15 Coffee Break

Moderator: Wim van Biesen (Ghent, Belgium)

16:15–17:00 **Transplantation With Expanded Criteria Kidney Donors**

*Edward Cole*

17:00–17:45 **Post-transplant Bone Disease**

*Klaus Olgaard*

19:00–21:30 **Farewell Dinner**

Hotel Platanus

## AUGUST 30 (THURSDAY)

CONTINUED RENAL TRANSPLANTATION

Moderator: Edward Cole (Toronto, Canada)

08:00–08:45 **Immunosuppression: Mechanisms of Action**

*J. Harold Helderan*

08:45–09:30 **Immunosuppressive Drug Minimization Regimens in Renal Transplantation**

*Edward Cole*

09:30–10:00 Coffee break

RENAL PATHOLOGY

Moderator: Agnes Fogo (Nashville, TN, USA)

10:00–10:45 **Renal Pathology**

*Agnes Fogo*

10:45–11:30 **Pathology of Kidney Allograft Dysfunction**

*Béla Iványi*

11:30–12:15 **Examination**

12:15–13:15 Lunch

13:15–14:00 **Renal Pathology Quiz**

*Tibor Tóth*

EPIDEMIOLOGY

14:00–14:45 **ERA-EDTA Registry: Evaluation and Pitfalls in Epidemiology**

*Kitty Jager*

14:45–15:30 **Concluding remarks**

## 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, 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. Baylis, B. M. Brenner, R. de Châtel, E. Cole, R. Coppo, P. Csermely, A. Davison, Gy. Deák, G. Devins, J. Dirks, T. B. Drücke, Cs. Dzsiniich, K-U. Eckardt, A. Falus, L. G. Fine, M. Fischereder, 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, A. MacLeod, D. C. Mendelssohn, I. Mucsi, G. A. Müller, J. Nagy, D. Naimark, H. H. Parving, M. Paul, F. Perner, A. Rees, P. Ronco, 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*

## 20th Anniversary of the Establishment of the Hungarian Kidney Foundation

### 14th Budapest Nephrology School TIMETABLE AT A GLANCE

	<b>Saturday*</b> <i>Aug. 25</i>	<b>Sunday</b> <i>Aug. 26</i>	<b>Monday</b> <i>Aug. 27</i>	<b>Tuesday</b> <i>Aug. 28.</i>	<b>Wednesday</b> <i>Aug. 29</i>	<b>Thursday</b> <i>Aug. 30</i>
<i>Morning</i>	<b>Registration</b> 08:00–09:30 <b>Official Opening</b> 09:30–10:00 <b>Lectures</b> 10:00–12:15	<b>Lectures</b> 09:00–11:15	<b>Lectures</b> 08:30–12: 45	<b>Lectures</b> 09:00–13:15	<b>Lectures</b> 09:00–13:15	<b>Lectures</b> 09:00–11:30  <b>Examination (Test)</b> 11:30–12:15
<i>Afternoon</i>	<b>Lunch</b> 12:15–13:15	<b>Visit to the Parliament</b> 12:00–13:00  <b>Free Afternoon</b>	<b>Lunch</b> 12:45–13:45	<b>Lunch</b> 13:15–14:15	<b>Lunch</b> 13:15–14:15	<b>Lunch</b> 12:15–13:15
	<b>Lectures</b> 13:15–17:30		<b>Lectures</b> 13:45–17:15	<b>Lectures</b> 14:15–16:30	<b>Lectures</b> 14:15–17:45	<b>Renal Pathology Quiz</b> 13:15–14:00 <b>Lecture</b> 14:00–14:45 <b>Concluding Remarks</b> 14:45–15:30
	<b>Buffet</b> 17:30–18:30		<b>Buffet</b> 17:15–18:15	<b>Buffet</b> 16:30–17:30		
<i>Evening</i>	<b>Boat Tour on the Danube</b> 20:30–21:30	<b>5th International Symposium on Wine and Health in conjunction with the 14th BNS</b> 17:00–21:00	<b>Concert in St. Stephen Basilica</b> 19:00–20:00	<b>Free Evening</b>	<b>Farewell Dinner</b> 19:00–21:30	

\* Joint Scientific Meeting of the Department of Medical Sciences of the Hungarian Academy of Sciences and the Budapest Nephrology School on the 20th Anniversary of the Establishment of the Hungarian Kidney Foundation and the 2nd World Kidney Day

### SPONSORS

Hungarian Kidney Foundation, International Society of Nephrology,  
European Renal Association – European Dialysis and Transplant Association,  
Hungarian Nephrological Society, Semmelweis University Budapest,  
Avicenna College Budapest, Aesculap Academy Budapest