



The 14th Budapest Nephrology School

(Nephrology, Hypertension, Dialysis, Transplantation)

**Under the auspices of
ISN and ERA-EDTA**
25 –30 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**

The 14th Budapest Nephrology School is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for 30 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 43 CME credits).

Faculty

T. Andreoli, J. Bargman, W. van Biesen, E. Cole, W. Couser, A. Covic, M. Fischereeder, A. Fogó, D. Goldsmith, S. Goral, J.H. Helderma, B. Iványi, K. Jager, M. Little, O. Mehls, A. Meyrier, I. Mucsi, M. Novák, K. Olgaard, J. Peti-Peterdi, E. Ritz, G. Schulman, N. Søren, T. Tóth

Program

August 25 (Saturday)

08:00 – 09:30 **REGISTRATION**

Venue: Hungarian Academy of Sciences
Roosevelt tér 9.
Budapest

**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
25 August, 2007**

Chairman: L. Romics

09:30 - 10:00

Welcome Addresses and Official Opening

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|--------------------|--|
| L. Romics | President of the Medical Chapter Hungarian Academy of Sciences |
| L. Rosivall | President of the Hungarian Kidney Foundation |
| E. Ritz | President-elect of the International Society of Nephrology |
| W. Couser | 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 |

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

Stem and Progenitor Cells in Renal Disease

Melissa Little

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 IN 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

Nielsen Soren

16:00 - 16:45

Acid-Base Disorders, Acid-Base Quiz

Thomas E. Andreoli

16:45 - 17:30

Clinical Disturbances of Calcium, Magnesium, and Phosphate Metabolism

Eberhard Ritz

17:30 - 18:30

Buffet

August 26 (Sunday)

Venue: Department of Transplantation and Surgery
Semmelweis University, Baross street 23.
Budapest

Moderator: Eberhard Ritz (Heidelberg, Germany)

09:00 – 09:45 **Disorders of Potassium Balance**
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 Wine Symposium 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**

Ernő 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, Germany)

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 **Tubulointerstitial Diseases, Urinary Tract Infection, 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 Fischereeder (Munich, Germany)

09:00 - 09:45 **Pregnancy and Renal Disease**
Simin Goral

HYPERTENSION

09:45 - 10:30 **Essential Hypertension and Treatment**
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 – 16:45 Buffet

August 29 (Wednesday)

RENAL REPLACEMENT THERAPY

Moderator: J. Harold Helderman (Nasville, 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 (Nasville, TN, USA)

11:45 - 12:30

Important Lessons from the DOPPS: Implications for Continous Quality Improvement

David M. Mendelssohn

12:30 - 13:15

Intensive Care Nephrology

Wim van Biesen

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 (Gent, 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 **Immunosuppressive Drug Minimization Regimens in Renal Transplantation**

Edward Cole

08:45 - 09:30 **Immunosuppression: Mechanisms of Action**

J. Harold Helderman

09:30 – 10:00 Coffee break

RENAL PATHOLOGY

Moderator: Ágnes Fogó (Nasville, TN, USA)

10:00 - 10:45 **Renal Pathology**

Agnes Fogó

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 of Biostatistics**

Kitty Jager

14:45 – 15:30 Concluding remarks