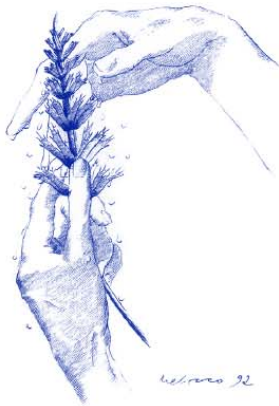




The 17th Budapest Nephrology School

Nephrology, Hypertension, Dialysis, Transplantation

Under the auspices of
ISN, ERA-EDTA and ISP
26–31 August, 2010



In conjunction with the 8th International Symposium on Wine and Health
and on the occasion of the 5th World Kidney Day

Semmelweis University
International Nephrology Research & Training Center
Worldwide Hungarian Medical Academy
Vanderbilt University Medical Center
University of Toronto, Avicenna College
Hungarian Kidney Foundation (Charity Reg. Nr. 1987)

Welcome to Budapest
Nephrology School

Background

- History of the Hungarian nephrology
- Strong start at turn of 19th/20th century



von **Sándor Korányi**

1866 - 1944

FIRST:

- applied freezing point reduction to measure osmotic activity of urine
- measured renal function by concentrating ability
- coined the term „renal insufficiency” and hypostenuria

- Brake in further development of nephrology at eighties
- Establishment of Hungarian Kidney Foundation 1987

Establishment of Hungarian Kidney Foundation

Established:

In 1987 by Laszlo Rosivall

Type:

Charity, public foundation

Aim:

To support the development
of education, research and
clinical practice of nephrology

Strategic plans:

- provision of **grants** by applications
- establishment of **Nephrology Research and Training Centre**, 1990
- **academic nucleus**
by inter-departmental network
- **training** young talented nephrologists
at international levels
- establishment of **PhD program**, 1993
- establishment of an **international refreshing course**, 1994
- establishment of **Awards**

Idea of Budapest Nephrology School

- early nineties: HKF and ISN

by Nancy Humphrey

Dr. Roscoe R. "Ike" Robinson, an internationally recognized physician and educator who led the Vanderbilt University Medical Center through a period of tremendous growth and change during the 1980s and 1990s, died Saturday, Aug. 7. He was 74.

Robinson, professor of medicine and vice chancellor for health affairs, emeritus, served from 1981 until 1997 as the chief executive and academic officer for all of Vanderbilt's programs in health, including those of the Schools of Medicine and Nursing, the Medical Group, University Hospital, Children's Hospital, Psychiatric Hospital, the Stallworth Rehabilitation Hospital and Health Services.

Robinson died after suffering from idiopathic pulmonary fibrosis, an incurable, progressive lung disease, since 1998.



Photo by Donna Jones Bailey

Suggestion to Ike to support a regional education center in Central Europe to foster the development of nephrology in ex-socialist countries

Benefit

- low cost
- convenient location
- easy follow up
- easy understanding

Outcome

Education and training of critical number of physicians and researchers from Hungary and neighbouring countries: Training of about 1000 physicians at postgraduate level and 150 at graduate level

Why in Budapest?

- history, location, hospitality

Established 896, The first Christian King was coronated in 1001.



St. Stephen (970-1038)



„sacred crown”



Hungarian coronation jewels



Territory: 93 000 km²

**Population: 10.2 million
(demographic ratio <1)**

Population density: 109 person/ km²

Official language: Hungarian (Finno-Ugrian)

„Are you aware that there is a language that because of its constructive ability and the harmony of its rythm I have placed on the same level as Greek and Latin? It is the Hungarian language! I know the poems of the new Hungarian poets and their musics has completely enchanted me. Keep your eyes on future developments and you will witness such an upsurge in poetic genius, which will totally justify my prediction”

Cardinal Giuseppe Mezzofanti (1774 – 1849)

Watts transaction of the Phylological Society 1855

About the School

Wonderful international faculty

Faculty Members of the BNS (110)

T. Andreoli

J. Balla

J. M. Bargman

W. van Biesen

C. Baylis

P. D. Bell

B. M. Brenner

M. E. De Broe

R. de Châtel

E. Cole

A. J. Collins

R. Coppo

W. Couser

A. Covic

P. Csermely

A. Davison

Gy. Deák

G. Devins

J. Dirks

T. B. Drücke

K-U. Eckardt

A. Falus

Cs. Farsang

J. Feehally

M. Fischereder

L. G. Fine

J. Floege

A. Fogo

D. Fouque

M. Geiszt

P. Gergely

D. Goldsmith

M. S. Goligorsky

S. Goral

J. G. Grunfeld

S. Halperin

Á. Haris

L. Harper

U. Heemann

A. Heidland

J. H. Helderma

G. Hercz

L. Hunyadi

E. J. Holtzman

A. Horváth

A. Iaina

N. Ismail

B. Iványi

K. Jager

J. Járay

K. Kauser

D. Kerjaschki

J. T. Kielstein

I. Kiss

H. Klinkmann

E. Kolossváry

G. Kovács

R. T. Krediet

K. Kurokawa

S. Van Laecke

A. Logan

N. Levin

M. Little

F. Locatelli

G. M. London

F. Luft

O. Mehls

D. C. Mendelssohn

A. Meyrier

I. Mucsi

S. Mustata

G. A. Müller

H. Mürer

J. Nagy

D. Naimar

S. Nielsen

M. Novák

K. Olgaard

H. H. Parving

M. Paul

F. Perner

J. Peti-Peterdi

R. Pisoni

J. Rees

E. Ritz

P. Ronco

L. Rosivall

B. Rutkowski

I. Rychlik

II.H. Schmidt-Gayk

G. Schulman

K. Skorecki

E. Slatopolsky

S. Sonkodi

A. Spät

Z. Stevanovic

T. Szabó

B. Szamosfalvi

A. Tislér

J. Titze

S. W. Tobe

T. Tóth

T. Tulassay

S. Vas

P. Vanetianer

J. J. Weening

A. Wiecek

I. Wittman

D. De Zeeuw

P. Á. Zillén



Thomas E. Andreoli (1935–2009)

„Thomas E. Andreoli, a towering figure of American medicine, died on 14 April 2009. He was Distinguished Professor and Chair Emeritus of Internal Medicine at the University of Arkansas for Medical Sciences College of Medicine and past president of both the International Society of Nephrology and the American Society of Nephrology. Although he retired as chair in 2004, he remained fully engaged in teaching and attending on the clinical service. At the time of his death he was editing the eighth edition of his beloved *Andreoli and Carpenter's Cecil Essentials of Medicine*.” KI

Participants

- from the region**
- now from all over the world**

Education of more than 1000 nephrologists

Participant's Countries (55) from 4 Continents

Albania	England	Kasachstan	Portugal
Algeria	Estonia	Kenya	Romania
Austria	France	Latvia	Russia
Bahreïn	Germany	Libya	Serbia
Belarus	Greece	Lithuania	Slovenia
Belgium	India	Macedonia	Slovakia
Brasil	Indonesia	Moldova	South Africa
Bulgaria	Iran	Mongolia	Sri Lanka
Canada	Israel	Netherlands	Sweden
China	Italy	New Zealand	Switzerland
Croatia	Japan	Nigeria	Turkey
Czech Republic	Jordan	Norway	Ukraine
Denmark	Jugoslavia	Pakistan	United Kingdom
Egypt		Poland	USA

**Support: HKF, ISN, ERA-EDTA and
Mendelssohn fellowship
- scholarships, lecturers**

ERA-EDTA and Hungarian Kidney Foundation Fellows

ERA-EDTA Fellows

NG	Egbi, Godwin
IT	Pahari, Bishnu
RO	Peride, Ileana
AL	Kasa, Marsida
AL	Mumajesi, Suela
KE	Koech, Matthew

Hungarian Kidney Foundation Fellows

NG	Egbi, Godwin
AL	Kasa, Marsida
IT	Pahari, Bishnu
PL	Wolyniec, Zuzanna
PL	Golebiewska, Justyna
RO	Apetrii, Mugurel
RO	Lenghel, Alina

Mendelssohn Fellowship

BY	Komissarov, Kirill
BY	Valovik, Volha

PhD Students

HU	Buday, Anna
HU	Deák, Pál Ákos
HU	Fang, Lilla
HU	Fehér, Rózsa
HU	Károlyi, Mihály
HU	Kerti Andrea
HU	Kosztá, Laura
HU	Lendvai, Dávid
HU	Mihályi, Csaba
HU	Rajki, Veronika
HU	Róna, Zsófia
HU	Sara, Levente
HU	Stenczer, Balázs
HU	Szoleczky Petra
HU	Ternyik, László
HU	Tobisch, Borbála

This year:

- **17th Anniversary of the Establishment of the Budapest Nephrology School**
- **5th World Kidney Day**
- **50th Anniversary of ISN**
- **8th International Symposium on Wine and Health**
- **Poster Presentation**
- **Faculty, Fellows, Accreditation, Book, Evaluation, Certification**

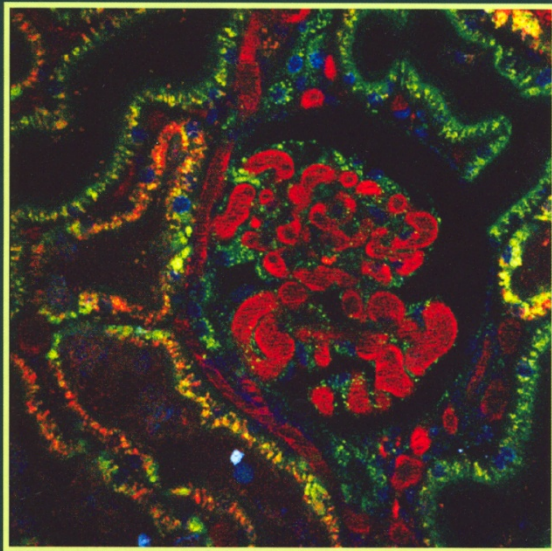
Faculty of the 17th Budapest Nephrology School

Peter Bárány
Ernő Péter Botos
Debbie Cohen
György Deák
Marc E. De Broe
Simin Goral
Ágnes Haris
J. Harold Helderman
Béla Iványi
Jan T. Kielstein
István Kiss
Csaba P. Kovesdy
Róbert Langer
David C. Mendelssohn
István Mucsi

Márta Novák
Rainer Oberbauer
János Peti-Peterdi
Eberhard Ritz
László Rosivall
Gerald Schulman
Karl Skorecki
Goce Spasovski
Balázs Szamosfalvi
Mihály Tapolyai
Vladimir Tesar
Jens Titze
Tibor Tóth
Tivadar Tulassay
Andrzej Wiecek
Per Åke Zillén

Thomas E. Andreoli, Eberhard Ritz, László Rosivall

NEPHROLOGY, HYPERTENSION, DIALYSIS, TRANSPLANTATION



Budapest Nephrology School
International Society of Nephrology
European Kidney Research Association
Hungarian Kidney Foundation

**Thomas E. Andreoli
Eberhard Ritz
László Rosivall**

**655 pages, 2nd edit.
ISBN 963 218 8322
State Printing Co
Budapest, 2006**

Accreditation

The 17th Budapest Nephrology School is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for 30 European CME credits (ECMEC's).

The Course includes 48 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).

Program Evaluation Form in the 15th Budapest Nephrology School
 Under the Auspices of ISN, ERA-EDTA and ISP
 August 28-31, 2008

08.26, 2008 Tuesday	Education value	Manner of lecturing	Content
Prevention, Early Detection and Early Treatment, P. A. Zs@én	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Pathomechanisms of Membranous Nephropathy, D. Kerjaszki	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Role of Oxidative Stress in the Pathophysiology Kidney Disease, D. Kerjaszki	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Proteinuria (Microalbuminuria) Endothelial Damage-from Bench to the Bedside, Gy. Deák	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Kidney Biopsy, E. Ritz	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Diabetic Nephropathy, E. Ritz	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Treatment of Difficult Cases of Nephrotic Syndrome, R. Coppo	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
European Kidney Health Alliance (EKHA), A. Rees	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Cardiovascular Risk and Alcohol in General and Red Wine in Specific, E. Ritz	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Elaboration on and Presentation of the Hungarian Wines, E. P. Botos	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
08.27, 2008 Wednesday	Education value	Manner of lecturing	Content
News in Pathogenesis and Treatment of IgA Nephropathy, R. Coppo	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Essential Hypertension and Treatment, A. Tisler	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Control of Extracellular Fluid Volume and the Pathophysiology of Edema Formation, T. Andreoli	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Barter's and Gitelman's syndrome	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Clinical Disturbances of Calcium, Magnesium and Phosphate Metabolism, E. Ritz	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Disorders of Potassium Balance, T. Andreoli	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
The Lymphatic Vasculature in Renal Disease, D. Kerjaszki	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
08.28, 2008 Thursday	Education value	Manner of lecturing	Content
Real-time Imaging of Kidney Functions in Vivo. Cellular and Translational Mechanisms in Cystic Disease, J. Pesti-Pteredi	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Acute Renal Failure, J. Feehally	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Primary Glomerular Disease, J. Feehally	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Secondary Glomerular Disease, J. Feehally	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Indications and Interpretation of Serological Tests in the Context of Kidney Disease, P. Gergely	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Secondary Hyperparathyroidism - an Update on Pathophysiology and Treatment, E. Ritz	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Targeting Vascular Damage (Stiffness, Calcifications) in CKD Beyond Blood Pressure, A. Covic	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Renal Anemia, A. Wiecek	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Obesity, A. Wiecek	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
08.29, 2008 Friday	Education value	Manner of lecturing	Content
Lessons from Evidence Based Medicine in the Care of ARF and ESRF Patient, A. Covic	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Predialysis Care, D. C. Mendelsson	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Important Lessons from the DOPPS: Implications for Continous Quality Improvement, D. M. Mendelsson	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Infections in Renal Transplantation, S. Van Laecke	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Diabetes and PD, S. Van Laecke	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
08.30, 2008 Saturday	Education value	Manner of lecturing	Content
The Complex Management of Kidney Transplanted Patients - beyond Immunosuppression, I. Mucsi	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Peritoneal Dialysis, D.C. Mendelsson	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Hemodialysis Adequacy, G. Schulman	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
A Trail of Trials in CKD, G. Schulman	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Evaluation of Kidney Transplant Recipients and Donors, S. Goral	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Immunosuppressive Drugs, How they Work on Immune Mechanisms, J. H. Heldermann	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Drug Minimization, Immunosuppression in Renal Transplantation, J. H. Heldermann	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Kidney Transplant Outcomes in Elderly Patients, S. Goral	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
08.31, 2008 Sunday	Education value	Manner of lecturing	Content
Sleep Disorders in Patients with CKD, I. Mucsi	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
Psychosocial Problems and Quality of Life in Patients with CKD, M. Novák	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5

**Please have it always
with you, and fill it out
time to time**



17th Budapest Nephrology School/CME Course
Nephrology, Hypertension, Dialysis, Transplantation
Semmelweis University, Hungarian Kidney Foundation
Under the auspices of ISN, ERA-EDTA and ISP

This is to certify that

Dr. Eberhard Ritz

has completed the 17th Budapest Nephrology School
August 26 - 31, 2010 at the Semmelweis University,
International Nephrology Research and Training Center
organized by the Hungarian Kidney Foundation.

Dr. Andrzej Wiecek

Secretary/Treasurer Elect
of the European Renal Association
- European Dialysis and Transplant
Association

Dr. Eberhard Ritz

Immediate Past
President of ISN
Heidelberg, Germany

Dr. László Rosivall

President of the Hungarian
Kidney Foundation and BNS, -- --
Budapest, Hungary

This Course is accredited by the
for Continuing Medical Education
credits (ECMEC's).



European Accreditation Council
(EACCME) for 30 European CME

**Certification will be only given
to those who**

- actively participate
- are always present
- fulfil the evaluation forms

Commentary

„... Budapest School ... one of the best of its kind. We congratulate ...”

Jan J. Weening, ISN Past President

„...As a President of ERA-EDTA association I'm very proud that our Society is a sponsor of the Budapest Nephrology School ...”

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...”

Eberhard Ritz, ISN Past President, Andrzej Wiecek, ERA-EDTA CME Council

„Great work, worth to recommend to colleagues.”

A participant

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

Aklan Pince Lesencetomaj Hungary

Bock Pincészet Villány Hungary

Bolyki Pincészet Eger Hungary

Konyári Pincészet Balatonlelle Hungary

Tornai Pincészet Somló-Hegy Hungary

Vylyan Pincészet Villány Hungary

Weninger és Gere Pincészet Hungary

We are grateful to them!