The 24th Budapest Nephrology School
Nephrology, Hypertension, Dialysis,
Transplantation, Nephropathology

Under the Auspices of
ISN, ERA-EDTA, RPS, IFKF and ISP

26-31 August, 2017

In conjunction with the
15th International Symposium on Wine and Health and
on the occasion of the 12th 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)
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Dear Colleague,

It is my pleasure to welcome you to the 24th Budapest Nephrology School which is a one-week, English speaking, internationally recognized, CME refresher nephrology course, organized by the Hungarian Kidney Foundation at the Semmelweis University, under the auspices of ISN, ERA-EDTA, RPS, IFKF and ISP. The School is accredited worldwide by EU in Brussels. The School published a book titled “Nephrology, Hypertension, Dialysis and Transplantation” edited by T. Andreoli, E. Ritz and L. Rosivall (2005). The new, 5th edition of the book has just appeared as an e-book and will be printed soon.

During the 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. Workshops provide the possibility for close interaction with the faculty in small groups. Participants are encouraged to present their posters, raise questions and consult other colleagues on problematic cases. The Budapest Nephrology School has always kept high standards and performed successfully with international positive feedback. So far doctors from 68 countries have attended the School. Our success is reflected by the increasing number of participants who have repeatedly attended the School.

The School is proud of its faculty who has represented the most recognized international experts in the field from the very beginning. We believe that the School is also a unique opportunity for our colleagues to spend some time in Budapest and while enjoying the cultural, architectural, social, historical beauties and the special Hungarian hospitality of a thousand years old country, meet with colleagues worldwide and get the refresher in the field from the best.

The 24th Budapest Nephrology School is held in conjunction with the 15th International Symposium on Wine and Health and on the occasion of the 12th World Kidney Day.

The 24th Budapest Nephrology School, Budapest, Hungary, 26/08/2017-31/08/2017 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 32 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The Course includes 45 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 (SATURDAY)

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<td>Registration</td>
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<tr>
<td></td>
<td><strong>Venue:</strong> Department of Transplantation and Surgery, Semmelweis University</td>
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<td>10:40 – 11:20</td>
<td>News in Salt Business</td>
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<td><strong>Discussion</strong> Jens Titze, U.S.A.</td>
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<td>11:20 – 12:00</td>
<td>Decisive Role of Urea Metabolism for Sodium Balance</td>
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<td><strong>Discussion</strong> Jens Titze, U.S.A.</td>
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<td>12:00 – 12:45</td>
<td>Lunch</td>
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<td><strong>Moderator:</strong> Sadayoshi Ito, Japan</td>
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<td>12:45 – 13:25</td>
<td>Biomarkers For Kidney Disease</td>
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<td><strong>Discussion</strong> Brad H. Rovin, U.S.A.</td>
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</tbody>
</table>
AUGUST 27 (SUNDAY)

CLINICAL NEPHROLOGY

Moderator: Davide Bolignano, Italy

08:30 – 09:10 Quo Vadis Clinical Nephrology?
Discussion
Andrzej Wiecek, Poland

09:10 – 09:50 Reducing the Costs of CKD: a Plea for Primary Prevention
Discussion
Raymond Vanholder, Belgium

09:50 – 10:30 Designing Clinical Trials For Glomerular Diseases
Discussion
Brad H. Rovin, U.S.A.

10:30 – 11:00 Coffee Break

11:00 – 11:40 Clinical Guidance in Rare Kidney Diseases: Time to Revisiting Research Methodology?
Discussion
Davide Bolignano, Italy

11:40 – 12:20 News in Pediatric Nephrology
Discussion
György Reusz, Hungary

12:20 – 13:20 Lunch

13:20 – 14:00 Care for Chronic Renal Patients – Role of Multidisciplinary Approach
Discussion
Ágnes Haris, Hungary

14:00 – 14:40 Management of a Recipient with a Failed Kidney Transplant
Discussion
Simin Goral, U.S.A.

14:40 – 15:20 HBV, HCV, HIV and Kidney Transplantation
Discussion
Simin Goral, U.S.A.

15:20 – 15:40 Coffee Break

15:40 – 16:20 Update on Transplant Glomerulopathy
Discussion
Miklos Z Molnar, U.S.A./Hungary

16:20 – 17:00 New Trends in Transplantation
Discussion
Zoltán Máthé, Hungary

17:00 – 17:15 4TH RENAL RUBIK’S CUBE SHOW AND COMPETITION

17:00 – 18:00 Buffet

AUGUST 28 (MONDAY)

CLINICAL NEPHROLOGY

Moderator: Miklos Z Molnar, U.S.A./Hungary

09:15 – 10:00 Chronic Consequences of Kidney Ischemia
Discussion
Andrzej Wiecek, Poland

10:00 – 10:45 Tubular and Genetic Disorders Associated with Kidney Stones
Discussion
Giovanni Gambaro, Italy

10:45 – 11:30 Management of Nephrotic Syndromes
Discussion
Brad H. Rovin, U.S.A.
11:30 – 12:00  DEMONSTRATION AND EXERCISE INVOLVING PARTICIPANTS – HEALTH CULTIVATING CHI KUNG AND TAI CHI Coffee Break

Moderator: Brad H. Rovin, U.S.A.

12:00 – 12:45  Kidney Stone Diseases and Glycaemic Statuses: Focus on the Latest Clinical Evidences Discussion Giovanni Gambaro, Italy

12:45 – 13:30  Overdiagnosis and Underdiagnosis of CKD Discussion Marc E. De Broe, Belgium

13:30 – 14:30  Lunch

Moderator: Marc E. De Broe, Belgium

14:30 – 15:15  Transition of Care from Prelude to Renal Replacement Therapy in Chronic Kidney Disease Discussion Miklos Z Molnar, U.S.A./Hungary

15:15 – 16:00  Differential Diagnosis of Haemolytic Uraemic Syndrome Discussion Zoltán Prohászka, Hungary

16:00 – 16:15  Coffee Break

16:15 – 17:00  Publication on Budapest Nephrology School – Group Experience Discussion Susan Allison, UK

17:00 – 18:00  Buffet

AUGUST 29 (TUESDAY)

18:00 – 21:00  ORGAN CONCERT

Venue: St. Stephen’s Basilica
1051 Budapest, St. Stephen square

11:30 – 12:00  AUGUST 29 (TUESDAY)

12:00 – 12:45  Kidney Stone Diseases and Glycaemic Statuses: Focus on the Latest Clinical Evidences Discussion Giovanni Gambaro, Italy

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17:00 – 18:00  Buffet

17:30 – 18:00  VISIT OF THE HISTORICAL BUILDING OF THE SEMMELWEIS UNIVERSITY WITH GROUP PHOTO

AUGUST 30 (WEDNESDAY)

19:00 – 21:00  ORGAN CONCERT

Venue: St. Stephen’s Basilica
1051 Budapest, St. Stephen square

17:00 – 18:00  Buffet

17:30 – 18:00  VISIT OF THE HISTORICAL BUILDING OF THE SEMMELWEIS UNIVERSITY WITH GROUP PHOTO

AUGUST 30 (WEDNESDAY)

19:00 – 21:00  ORGAN CONCERT

Venue: St. Stephen’s Basilica
1051 Budapest, St. Stephen square
### 09:45 – 10:30  Complement Associated Glomerular Injuries: A Pathophysiologic/Genetic Classification away from Pattern Recognition  
Discussion  
Danica Galešić Ljubanović, Croatia

### 10:30 – 11:00  Coffee Break  
**Moderator:** Béla Iványi, Hungary

### 11:00 – 11:45  Infection-Related Glomerulonephritis  
Discussion  
Tibor Nadasdy, U.S.A.

### 11:45 – 12:30  C1q Nephropathy – the Diverse Disease  
Discussion  
Danica Galešić Ljubanović, Croatia

### 12:30 – 13:30  Lunch  
**Moderator:** Danica Galešić Ljubanović, Croatia

### 13:30 – 14:15  Monoclonal Gammopathies and the Kidney  
Discussion  
Tibor Nadasdy, U.S.A.

### 14:15 – 15:00  Thrombotic Microangiopathies (TMA)  
Discussion  
Tibor Nadasdy, U.S.A.

### 15:00 – 15:30  Coffee Break  POSTER DISCUSSION  
**Moderator:** Csaba Ambrus, Hungary

### 15:30 – 16:15  Lupus Nephritis: an Update on Classification Schemas and New Insights into Pathogenesis  
Discussion  
Kerstin Amann, Germany

### 16:15 – 17:00  Role of Genetics in Renal Diagnosis  
Discussion  
Kerstin Amann, Germany

### 18:00 – 20:00  Farewell Reception  
**Venue:**  
Károlyi Restaurant (Étterem)  
1053 Budapest  
Károlyi u. 16

### AUGUST 31 (THURSDAY)

### DIALYSIS

#### 09:00 – 09:45  Incremental Hemodialysis  
Discussion  
Csaba Ambrus, Hungary

#### 09:45 – 10:30  Volume Overload and AKI in the Intensive Care Unit  
Discussion  
Tibor Fulop, Hungary

#### 10:30 – 11:00  Coffee Break

#### 11:00 – 11:45  The Conundrum of First Dialysis Modality in Diabetic Patients with ESKD  
Discussion  
Davide Bolignano, Italy

#### 11:45 – 12:30  Test

#### 12:30 – 13:15  Lunch

#### 13:15 – 14:00  Home Hemodialysis or Transplantation of the Treatment of Choice for Elderly?  
Discussion  
Miklos Z Molnar, U.S.A./Hungary

#### 14:00 – 14:45  Pathology Quiz  
Tibor Tóth, UK  
Kishore Gopalakrishnan, UK

#### 14:45 – 15:30  Bring your own cases

#### 15:30 – 15:45  László Rosivall, Hungary
**ERA-EDTA CERTIFICATE, 2013**

“This certificate warrants that professor Laszlo Rosivall and his Budapest Nephrology School has been giving for the past 20 years an outstanding contribution to the development of education in nephrology in Europe.”  
*Raymond Vanholder, President and Andrzej Wiecek, Secretary Treasurer*

**COMMENTARY**

“This course has changed the way I practice Nephrology now! It was great fun to be a part of this course and I am sure that with the amazing faculty, it will continue to be the leading course for young Nephrologists all over the world!”

“Great work, worth to recommend to colleagues.”

“What a great school and great decision I made this year, I will come back!”

“The BNS provides an opportunity to meet “up close and personal” with nephrology greats in an informal atmosphere. I personally found it very enriching.”

“Thanks for organising such a superb faculty for this wonderful course in this amazing city of Budapest. I enjoyed very much the intense course followed by the cultural excursions. We had lectures from some of the most outstanding nephrologists and researchers. I wish I had attended this course earlier in my nephrology training as I was really inspired to update and change my clinical practice. I will come again.”

“Great job. Go ahead. I will invite my colleagues to attend.”

**Participants**

“...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*
“Thank you very much for inviting me to this beautiful city. Congratulation for this 20th anniversary and also for the perfect organization. The topics and the audience are great, the discussion more than lively. A great thing for young and old. Please go on this way!”

Raymond Vanholder, Past President of ERA-EDTA

SOME FACULTY MEMBERS OF THE PREVIOUS SCHOOLS


THE ‘THOMAS ANDREOLI’, ‘EBERHARD RITZ’ AND ‘GERALD SCHULMAN SCHOLARSHIP’ OF THE HUNGARIAN KIDNEY FOUNDATION

‘Thomas Andreoli Scholarship’: Zivojin Stevanovic
‘Eberhard Ritz Scholarship’: Vladimir Kruzljak
‘Gerald Schulman Scholarship’: Ahmed Emara

Founding document - 15 April, 2017

With the support and full agreement of its advisory, as the president of the Hungarian Kidney Foundation, the Foundation creates three scholarships on the occasion of its 30th anniversary, in order to further enhance the participation at its internationally renowned initiative, the Budapest Nephrology School.

The grants mean a full or partial reimbursement of the travel costs, support for the registration fee, and the costs incurred during the stay in Budapest. The maximum amount of the grants is 1.000 Euro. The exact amount, proportion and name of the grants will be determined by the Hungarian Kidney Foundation at all times. With the names of the scholarship I would like to pay tribute to the memory of our great masters, Professors Thomas Andreoli, Eberhard Ritz and Gerald Schulman who took an active part in our CME from year to year right from the beginning.

Dr. László Rosivall
Founding president of the Hungarian Kidney Foundation
### TIMETABLE AT A GLANCE

<table>
<thead>
<tr>
<th>Morning</th>
<th>Saturday August 26</th>
<th>Sunday August 27</th>
<th>Monday August 28</th>
<th>Tuesday August 29</th>
<th>Wednesday August 30</th>
<th>Thursday August 31</th>
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<tbody>
<tr>
<td>Lectures 08:30-12:20</td>
<td>Lectures 08:30-12:20</td>
<td>Lectures 09:15-13:30</td>
<td>Lectures 08:40-12:15</td>
<td>Lectures 09:00-12:30</td>
<td>Lectures 09:00-11:45 Examination 11:45-12:30</td>
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<td>Lectures 10:00-12:00</td>
<td><strong>Including the Health Cultivating Chi Kung and Tai Chi Demonstration and Exercise during the Coffee Break</strong></td>
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| Afternoon | Lectures 12:45-17:15 | Lectures 13:00-17:00 | Lectures 14:30-17:00 | **Sightseeing tour in Budapest, visit of the Parliament 14:00-18:00** | Lectures 13:30-17:00 | Lectures 13:15-14:45 Bring your own Cases 14:45-15:30 Concluding 15:30-15:45 |
| Lectures 12:45-17:15 | | | | | |
| **4th Renal Rubik’s Cube Show and Competition** | **Buffet 17:00-18:00** | **Visit of the Historical Building of the Semmelweis University** | | | |
| **“Meet the Professors and Budapest” Boat Tour on the Danube 20:00-21:00** | | **Organ Concert 20:00-21:00** | | **Free Evening** | **Farewell Reception 18:00-20:00** |
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| **15th International Symposium on Wine and Health Elaboration and Presentation of Hungarian Wines* Dinner – “Meet the Professors” 18:30-21:30** | **“Meet the Professors and Budapest” Boat Tour on the Danube 20:00-21:00** | **Organ Concert 20:00-21:00** | **Free Evening** | **Farewell Reception 18:00-20:00** | |

**Evening**

Venue: Department of Transplantation and Surgery, Semmelweis University, 1082 Budapest, Baross u. 23.

*Including the 4th Renal Wine Competition

**Including the Health Cultivating Chi Kung and Tai Chi Demonstration and Exercise during the Coffee Break

### SPONSORS

Béres Vineyards and Winery, Bock Vineyards and Winery, Esterházy Winery, Font Winery, Frittmann Brothers, Koch Winery, Malatinszky Vineyards, Matyásák-Vízkeleti Winery, Szeleshát Winery, Szeremley Winery, Takler Winery, Thummerer Winery, Tornai Winery, Villány Gere Vineyards and Winery, Weninger and Gere Vineyards and Winery