The 27th Budapest Nephrology School
Nephrology, Hypertension, Dialysis, Transplantation, Nephropathology

28 August – 2 September 2023

In conjunction with the
18th International Symposium on Wine and Health and
on the occasion of the 18th World Kidney Day

Semmelweis University
International Nephrology Research & Training Center
Worldwide Hungarian Medical Academy
International Society for Pathophysiology
Hungarian Kidney Foundation (Charity Reg. Nr. 596/1987)
AUGUST 28 (MONDAY)

08:00 – 09:00 REGISTRATION
Venue: Department of Pathology and Experimental Cancer Research
Semmelweis University
1085 Budapest, Úllői út 26.

OPENING
09:00 – 09:30 Welcome Addresses and Official Opening
L. Rosivall, President of the Hungarian Kidney Foundation

Moderator: Jens M. Titze, Singapore

10:00 – 10:45 How to „deal“ with acid-base disturbances
Discussion
Friedrich C. Luft, Germany

10:45 – 11:30 Salt and body - new perspective
Discussion
Jens M. Titze, Singapore

11:30 – 12:15 Genes that really cause hypertension
Discussion
Friedrich C. Luft, Germany

12:15 – 13:15 Lunch

Moderator: György Reusz, Hungary

13:15 – 14:00 Links of metabolism and renal function
Discussion
Jens M. Titze, Singapore

14:00 – 14:45 Hyponatremia, so what?
Discussion
Friedrich C. Luft, Germany

14:45 – 15:15 Acid-base and electrolyte emergencies on rainy afternoons
Discussion
Friedrich C. Luft, Germany

15:15 – 15:30 Coffee Break

Moderator: Friedrich C. Luft, Germany

15:30 – 16:00 Mechanism of SGLT2-inhibition
Discussion
Jens M. Titze, Singapore

16:00 – 16:45 Tubulopathies - cystinosis
Discussion
György Reusz, Hungary

16:45 – 17:15 X-Linked Hypophosphatemia
Discussion
György Reusz, Hungary
18TH INTERNATIONAL SYMPOSIUM ON WINE AND HEALTH

DINNER AND 7TH RENAL WINE COMPETITION

19:00 – 19:10 Presidential Greetings
László Rosivall, Hungary

19:10 – 22:00 Dinner and the 6th Renal Wine Competition - Meet the Professors
Special Dishes with Selected Quality Wines from the Best Known Hungarian Cellars

Elaboration and Presentation of Hungarian Wines
Discussion
Ernő Péter Botos, Hungary

AUGUST 29 (TUESDAY)

Moderator: Georgina Gyarmati, U.S.A.

08:30 – 09:15 Intravital imaging of glomerular pathobiology
Discussion
Janos Peti-Peterdi, U.S.A.

09:15 – 10:00 Kidney-brain axis and cognitive impairment in CKD
Discussion
Georgina Gyarmati, U.S.A.

10:00 – 10:45 New mechanisms in kidney tissue regeneration
Discussion
Janos Peti-Peterdi, U.S.A.

10:45 – 11:00 Coffee Break

Moderator: Pontus B. Persson, Germany

11:00 – 11:45 A new cheap efficient treatment of any type of Primary Hyperoxaluria
Discussion
Marc De Broe, Belgium

11:45 – 12:15 Complement mediated renal diseases
Discussion
Zoltán Prohászka, Hungary

12:15 – 12:45 Thrombotic microangiopathies
Discussion
Zoltán Prohászka, Hungary

12:45 – 13:45 Lunch

Moderator: György Nagy, Hungary

13:45 – 14:30 SLE and AAV: pathomechanism, new therapies
Discussion
György Nagy, Hungary
14:30 – 15:15  **SLE and AAV: the nephrological care**  
Discussion  
*Szilveszter Dolgos, Hungary*

*Moderator: Szilveszter Dolgos, Hungary*

15:15 – 16:00  **Renal circulation in acute kidney injury**  
Discussion  
*Pontus B. Persson, Germany*

16:00 – 16:15  **Coffee Break**

16:15 – 17:00  **Do contrast media damage the kidney?**  
Discussion  
*Pontus B. Persson, Germany*

17:00 – 17:15  **7TH RENAL RUBIK’S CUBE SHOW AND COMPETITION**

17:15 – 18:00  **Sandwich Dinner**

20:00 – 21:00  **“MEET THE PROFESSORS AND BUDAPEST” BOAT TOUR ON THE DANUBE**

**AUGUST 30 (WEDNESDAY)**

*Moderator: Miklos Zs. Molnar, U.S.A.*

08:30 – 09:15  **Transplant Immunology**  
Discussion  
*J. Harold Helderman, U.S.A.*

09:15 – 10:00  **Flexible clinicopathological scores with optional histopathology for the quality assessment of deceased donor kidneys in Eurotransplant**  
Discussion  
*Jan Becker, Germany*

10:00 – 10:45  **Of War, Mice and Men**  
Discussion  
*J. Harold Helderman, U.S.A.*

10:45 – 11:00  **DEMONSTRATION AND EXERCISE INVOLVING PARTICIPANTS – HEALTH CULTIVATING CHI KUNG AND TAI CHI**

11:00 – 11:15  **Coffee Break**

*Moderator: Simin Goral, U.S.A.*

11:15 – 12:00  **Advantage and disadvantage of living donor paired exchange programs: how to build living donor program?**  
Discussion  
*Miklos Zs. Molnar, U.S.A.*

12:00 – 12:45  **How to use biomarkers and molecular pathology in standard clinical care in kidney transplant recipients**  
Discussion  
*Miklos Zs. Molnar, U.S.A.*
12:45 – 13:45  **Lunch**

*Moderator: J. Harold Helderman, U.S.A.*

13:45 – 14:30  **Transplant Options in Diabetic Patients with Kidney Disease**
Discussion
*Simin Goral, U.S.A.*

14:30 – 15:15  **Infectious Complications after Kidney Transplantation**
Discussion
*Simin Goral, U.S.A.*

15:15 – 16:00  **Clinical use and impact of transplantation from COVID infected donors**
Discussion
*Miklos Zs. Molnar, U.S.A.*

16:00 – 16:30  **Coffee and Sandwiches**

16:30 – 17:00  **VISIT OF THE HISTORICAL BUILDING OF THE SEMMELWEIS UNIVERSITY**

20:00 – 21:00  **ORGAN CONCERT**

**AUGUST 31 (THURSDAY)**

*Moderator: Jan Becker, Germany*

08:30 – 09:15  **Machine learning and computer vision in nephropathology: concepts and applications**
Discussion
*Jan Becker, Germany*

09:15 – 10:00  **ADPKD: Updates on Diagnosis and Treatment**
Discussion
*Simin Goral, U.S.A.*

10:00 – 10:45  **IgG4-associated interstitial nephritis**
Discussion
*Jan Becker, Germany*

10:45 – 11:15  **Coffee Break**

*Moderator: Simin Goral, U.S.A.*

11:15 – 12:00  **An interesting nephropathology case**
Discussion
*Jan Becker, Germany*

12:00 – 12:45  **Novel mechanisms and drug targets in tubular kidney diseases**
Discussion
*Andrea Fekete, Hungary*

12:45 – 13:45  **Lunch**

13:45 – 18:00  **SIGHTSEEING TOUR, VISIT OF PARLIAMENT**
Official ID card with photo (or passport) is required.
SEPTEMBER 1 (FRIDAY)

Moderator: Ágnes Haris, Hungary

08:30 – 09:15 Mineralocorticoid antagonism – A new tool for patients with diabetic CKD
Discussion
Csaba P. Kovesdy, U.S.A.

09:15 – 10:00 SGLT2-inhibitors in chronic kidney disease
Discussion
Ágnes Haris, Hungary

10:00 – 10:45 Advances in hyperkalemia management
Discussion
Csaba P. Kovesdy, U.S.A.

10:45 – 11:15 Coffee Break
Moderator: Csaba P. Kovesdy, U.S.A.

11:15 – 12:00 Medical governance in a big dialysis network – proof of concept
Discussion
Ottó Árkossy, Germany

12:00 – 12:45 Dialysis hypotension – anything new?
Discussion
Ottó Árkossy, Germany

12:45 – 13:45 Lunch
Moderator: Kálmán Tory, Hungary

13:45 – 14:30 Physiological peritoneal membrane barriers in the context of peritoneal dialysis
Discussion
Sotirios Zarogiannis, Greece

14:30 – 15:15 Cell Volume Regulation in kidney principal cells
Discussion
Sotirios Zarogiannis, Greece

15:15 – 16:00 Genetics of steroid-resistant nephrotic syndrome
Discussion
Kálmán Tory, Hungary

16:00 – 17:00 Coffee Break – POSTER Discussion

18:00 – 20:00 Farewell Dinner
SEPTEMBER 2 (SATURDAY)

Moderator: András Tislér, Hungary

09:00 – 09:45 Management of hypertension in CKD
Discussion
Csaba P. Kovesdy, U.S.A.

09:45 – 10:30 Diuretic resistance and its management
Discussion
András Tislér, Hungary

10:30 – 11:00 Coffee Break

11:00 – 11:45 Year(s) in a review
Discussion
András Tislér, Hungary

EXAMINATION
11:45 – 12:30 Test

12:30 – 13:15 Lunch

Moderator: László Rosivall, Hungary

13:15 – 14:45 Hungarian Young Nephrologists’ Platform
Scientific presentations, case reports
Discussion

CONCLUDING REMARKS
14:45 – 15:00 László Rosivall, Hungary
# TIMETABLE AT A GLANCE

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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<th>Saturday</th>
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<tr>
<td><strong>Morning</strong></td>
<td>Registration</td>
<td>Lectures 08:30-12:45 including a Tai Chi exercise before the coffee break</td>
<td>Lectures 08:30-12:45</td>
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<td>08:00-09:00</td>
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<td>Examination 11:45-12:30</td>
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<td>Opening 09:00-09:30</td>
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<td>Lectures 10:00-12:15</td>
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<td>Lectures 13:15-17:15</td>
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<td>Lectures 13:15-14:45</td>
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<td>7th Renal Rubik’s Cube Show and Competition 17:00-17:15</td>
<td>Sandwich dinner 16:00-16:30</td>
<td>Visit of the Historical Building of the Semmelweis University 16:30-17:00</td>
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<td>Concluding 14:45-15:00</td>
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<td>Sandwich dinner 17:15-18:00</td>
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<td><strong>Evening</strong></td>
<td>18th International Symposium on Wine and Health Dinner and the 7th Renal Wine Competition” 19:00-22:00</td>
<td>“Meet the Professors and Budapest” Boat Tour on the Danube 20:00-21:00</td>
<td>Organ Concert 20:00-21:00</td>
<td>Free Evening</td>
<td>Farewell Dinner 18:00-20:00</td>
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