

# Meeting of Young Hypertonologists and Nephrologists - VII. MATHINÉ

25 November, 2023



MAGYAR  
NEPHROLOGIAI  
TÁRSASÁG

*For physicians,  
internists,  
hypertonologists,  
nephrologists,  
pediatricians,  
pathologists,  
general practitioners,  
and resident colleagues,  
medical and PhD students and researchers*



## Hungest Hotel Forrás Szeged

H-6726 Hungary, Szeged, Szent-Györgyi A. street 16-24.

# PROGRAM

# VII. MATHINÉ

Dear Friends,

On behalf of the Hungarian Society of Hypertension and the Hungarian Society of Nephrology, we warmly invite all young colleagues who are interested in the field of hypertension and nephrology to participate in the upcoming VII. MATHINÉ. Our goal remains to create the opportunity to present clinical experiences and research results, improve discussion skills and practice academic English. The purpose of MATHINÉ is to recognize and highlight young excellences, and to emphasize the importance and value of their work.

We wish you good preparation!

See you on the VII. Mathiné!

## MAIN ORGANIZER

**Imola Fejes MD**  
MHT

**Szilveszter Dolgos MD**  
MANET

## SECRETARY

**András Mohos MD**  
MHT

**Edina Lám MD**  
MANET

## ORGANIZER BOARD

**Viktória Baracsi-Botos MD**  
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**Milán Vecsey-Nagy MD**

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**Orsolya Cseppekál MD** **Nóra Ledó MD**

**Eszter Horváth MD** **Ádám Hosszú MD**

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25<sup>th</sup> November 2023, Saturday

# VII. MATHINÉ

## GENERAL INFORMATION

**Date:** 25 November 2023  
**Venue:** HUNGUEST HOTEL FORRÁS SZEGED\*\*\*\*  
H-6726 Szent-Györgyi Albert u. 16-24., Szeged

## THE LANGUAGE USED: ENGLISH

Categories	LATE + On-site
MHT/MANET member, under the age of 45	30,000 HUF
MHT/MANET member, over the age of 45	35,000 HUF
No MHT/MANET members	40,000 HUF
Undergraduates and regular PhD students*	free of charge

\*Student identity papers are required

The registration fee includes participation in all the scientific programmes, a leaflet with the programme, a cold lunch, coffee-breaks, certification.

The free of the participation includes participation in all the scientific programmes, a leaflet with the programme.

16,500 HUF from the registration fee is for the cold

lunch and the coffee-breaks which constitutes as payment in kind. The tax corresponding to the payment in kind should be paid by the one providing for the participation fee.

The MHT offer a possibility of application for the reimbursement of the registration fee for its members under 45 as well as for the speakers. The application form can be found on the MHT website.

## Opening hours of the registration

25 November 2023 09.00-17.00

## Acknowledgements

The Organising Committee is deeply appreciative of the sponsorship generously provided by the following organizations and companies

**Magyar Hypertonia Társaság**

**AstraZeneca Kft.**

**Biomedica Hungária Kft.**

**Boehringer Ingelheim RCV**

**Magyar Nephrologiai Társaság**

**EGIS Gyógyszergyár Zrt.**

**Stada Hungária Kft.**

**Swixx Biopharma Kft.**

**Teva Gyógyszergyár Zrt.**

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# VII. MATHINÉ

## SCIENTIFIC PROGRAM

### 09:00 OPENING CEREMONY

Orsolya CSEPREKÁL, Szilveszter DOLGOS, Imola FEJES

### 09:10-09:50 SESSION 1: DISCOVERY SCIENCE - HYPERTENSION/VASCULAR BIOLOGY

Chairs: **Katarína ANDELOVÁ, Eszter HORVÁTH, Ákos KOLLER**

**Katarína ANDELOVÁ**, B. Szeiffová Bačová, M.Sýkora, T. Egan Beňová,  
V. Knezl, N. Tribulová

*Centre of Experimental Medicine, Institute for Heart Research, Slovak Academy of Sciences,  
Bratislava, Slovak Republic*

MELATONIN, OMEGA-3, AND COLD ACCLIMATION ATTENUATE  
HYPERTENSION-INDUCED MYOCARDIAL CONNEXIN-43 DISORDERS THAT  
CONTRIBUTES TO THE PROTECTION FROM MALIGNANT ARRHYTHMIAS (10')

**Imre BABAY**, N.M. Kerkovits, Cs.V. Tóth, B. Besztercei, M. Kosztnik, Z. Benyó  
*Institute of Translational Medicine, Semmelweis University, Budapest, Hungary*

ANGIOTENSIN II-INDUCED SYSTEMIC INFLAMMATION INTENSIFIES C3A-  
MEDIATED VASOCONSTRICTION IN MURINE MODELS (10')

**Tobias HAINZL**, H. Dalloul, A. Monori-Kiss, L. Hadjadj, Gy.L. Nádasy, M. Török,  
Sz. Várbíró

*Semmelweis University Department of Obstetrics and Gynecology, Budapest, Hungary*

THE ROLE OF VITAMIN D ON THE ADAPTIVE MECHANISMS OF THE  
CARDIOVASCULAR SYSTEM (10')

**Matus SYKORA**, V. Kratky, N. Tribulova, L. Kopkan, B. Szeiffova Bacova

*Institute for Heart Research, Centre of Experimental Medicine, Slovak Academy of Sciences,  
Bratislava, Slovak Republic*

MODULATION OF EXTRACELLULAR MATRIX AND INTERCELLULAR  
COMMUNICATION IN RATS WITH HEMODYNAMIC CARDIAC OVERLOAD (10')

Discussion

### 09:55-10:35 SESSION 2: DISCOVERY SCIENCE - NEPHROLOGY

Chairs: **Ádám HOSSZÚ, Matus SYKORA**

**Péter BOKROSSY**, B.Szebeni, D. Pap, Ap. Veres-Székely, Cs. Szász, M. Bernáth,  
Gy. Reusz, A.J. Szabó, Á. Vannay

*Pediatric Center, MTA Center of Excellence, Semmelweis University, Budapest, Hungary*

PERITONEAL DIALYSIS DERIVED EXTRACELLULAR VESICLES IN THE  
MECHANISM OF FIBROSIS (10')

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**Lili Katalin BOLDIZSÁR**, Lesinszki Lukács S., Mócsai A., Fintha A., M. Robson  
*Semmelweis Egyetem Élettani Intézet, Budapest, Hungary*

ROLE OF HCK TYROSINE-KINASE IN THE DEVELOPMENT OF IMMUNE-COMPLEX-MEDIATED GLOMERULONEPHRITIS / A HCK TIROZIN-KINÁZ SZEREPE AZ IMMUNKOMPLEX-INDUKÁLT GLOMERULONEPHRITIS KIALAKULÁSÁBAN (10')

**Tamás LAKAT**, A. Fekete, K. Demeter, A. R. Toth, Z.K. Varga, A. Patonai, H. Kelemen, M. Szabo, A. J Szabo, K. Kaila, A. Denes, E. Mikics, A. Hosszu  
*1MTA-SE Lendület "Momentum" Diabetes Research Group; 2Pediatric Center, Semmelweis University, Budapest, Hungary*

PERINATAL ASPHYXIA INDUCED ACUTE AND LONG-TERM RENAL DAMAGE IN A RAT MODEL / A PERINATÁLIS ASZFIXIÁT KÖVETŐ AKUT- ÉS HOSSZÚTÁVÚ VESEKÁROSODÁS VIZSGÁLATA PATKÁNY MODELLBEN (10')

Discussion

10:35-11:00

Coffee Break

11:00-11:50

## SESSION 3: TRANSPLANTATION

Chairs: **Deján DOBI, Imola FEJES**

**Noémi CZIBULKA**, Wagner L., Marton A., Gerlei Zs., Sandil-Haboub A., Füle B., Szijártó A., Prohászka Z., Sinkovits Gy. Piros L., Cseprekál O.  
*Department of Surgery, Transplantation and Gastroenterology Semmelweis University, Faculty of Medicine, Budapest, Hungary*

ATYPICAL HEMOLYTIC UREMIC SYNDROME PRESENTING AFTER LIVER TRANSPLANTATION: A CASE REPORT/ ESETBEMUTATÁS - MÁJTRANSZPLANTÁCIÓT KÖVETŐ AHUS RITKA ESETE (10')

**Rumen FILEV**, M. Lyubomirova, B. Bogov, L. Rostaing

*Department of Nephrology, Clinic of Internal Medicine, St. Anna University Hospital, Sofia, Bulgaria*

TOCILIZUMAB THERAPY FOR HLA INCOMPATIBLE KIDNEY TRANSPLANTED PATIENTS WITH CHRONIC ANTIBODY-MEDIATED REJECTION (10')

**Eszter SZABÓ**, A. Marton, Á.Rempert, Sz. Török, A. Patonai, A. Fintha, N. Czibulka, S. Molnár, A. Szijártó, L. Wágner, O. Cseprekál  
*Semmelweis University, Department of Surgery, Transplantation and Gastroenterology, Budapest, Hungary*

TOCILIZUMAB FOR TREATMENT OF ANTIBODY MEDIATED REJECTION IN KIDNEY TRANSPLANT PATIENTS (10')

# VII. MATHINÉ

**Izabella KUŹMIUK-GLEMBIN**, Z. Heleniak, R. Pięta, M. Głyda, S. Lizakowski, M. Renke, L. Tylicki, A. Dębska-Ślizień

*Department of Nephrology, Transplantology and Internal Medicine, Medical University of Gdańsk, Poland*

SHORT-TERM EFFECTS OF LOSARTAN TREATMENT IN DIABETIC PATIENTS AFTER KIDNEY TRANSPLANTATION – AN INTERIM ANALYSIS OF CELART STUDY (10')

Discussion

## 11:50-12:40 SESSION 4: GLOMERULOPATHIES 1

*Chairs: Csilla MARKÓTH, Szilárd KUN*

O. Némethy, L. Freisinger, P. Vörös, **Máté SZÁSZ**

*Szt. Margaret Hospital, Budapest, Hungary*

THE STORY OF THE STRANGE NEPHROPATHY (EGY SZOKATLAN VESEKÁROSODÁS TÖRTÉNETE) (10')

**Matija CRNOGORAC**, A. Stržic, L. Toric, P. Kacinari, D. Kasumovic, L. Djerek, D. Galesic Ljubanovic, K. Galesic, I. Horvatic

*Department of nephrology and dialysis, Dubrava Clinical Hospital, Zagreb, Croatia*

IS RENAL LIMITED VASCULITIS INDIVIDUAL CLINICAL ENTITY APPART FROM THE REST OF ANCA VASCULITIS? (10')

**Gergely Péter MÁTÉ**, Nóra L.

*Semmelweis University, Department of Internal Medicine and Oncology, Budapest, Hungary*

DIFFERENCES BETWEEN SEROTYPES OF ANCA-ASSOCIATED VASCULITIS: RESULTS OF A RETROSPECTIVE SINGLE-CENTER ANALYSIS/ SZEROTÍPUSOK KÖZTI KÜLÖNBSÉGEK ANCA-ASSZOCIÁLT VASZKULITISZBEN: EGY RETROSPEKTÍV EGYCENTRUMÚ VIZSGÁLAT EREDMÉNYEI (10')

**Imola FEJES**, D. Bajcsi, L. Czakó, S. Turkevi-Nagy, B. Iványi, Gy. Ábrahám, T. Várkonyi, Cs. Lengyel, P. Légrády

*University of Szeged, Albert Szent-Györgyi Medical School, Albert Szent-Györgyi Health Center, Department of Medicine, Szeged, Hungary*

THE SGLT<sub>2</sub> INHIBITOR, DAPAGLIFLOZI AS A KEY THERAPY IN HISTOLOGICALLY PROVEN DIABETIC KIDNEY DISEASE WITH NEPHROTIC SYNDROME (10')

Discussion

12:40-13:30 *Lunch Break*

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# VII. MATHINÉ

13:30-14:10 **STATE OF THE ART**

**György ÁBRAHÁM**

*Department of Medicine, Albert Szent-Györgyi Health Center University of Szeged, Hungary*

**NOVELTIES IN NEPHROPROTECTION (35')**

*Discussion*

14:10-15:00 **SESSION 5: HYPERTENSION - CLINICAL**

*Chairs: Viktória BARACSI-BOTOS, András MOHOS*

**Helga GYÖNGYÖSI**, G.J. Szöllősi, O. Csenteri, Z. Jancsó, Cs. Móczár, P. Torzsa, P. Andréka, P. Vajer, J. Nemcsik

*Semmelweis University, Department of Family Medicine, Budapest, Hungary*

**DIFFERENCES BETWEEN SCORE, FRAMINGHAM RISK SCORE AND ESTIMATED PULSE WAVE VELOCITY-BASED VASCULAR AGE CALCULATION METHODS BASED ON DATA FROM THE THREE GENERATIONS HEALTH PROGRAM IN HUNGARY (10')**

**Rebeka PAGÁTS**, Hartmann Á., Nyikuly K., Tóth A., Lakatos O.

*University of Pécs, Medical School, Department of Pediatrics, Pécs, Hungary*

**MANAGEMENT OF RENOVASCULAR HYPERTENSION IN CHILDREN – EXPERIENCE OF OUR CLINIC / GYERMEKKORI RENOVASCULARIS HYPERTONIA KEZELÉSI LEHETŐSÉGEI - KLINIKAI TAPASZTALATAINK (10')**

**Roland TÓTH-SZELES**, Móczár Cs.

*University of Szeged, Faculty of Medicine, Department of Family Physicians, Szeged, Hungary*

**ADHERENCE TO HYPERTENSION GUIDELINES AMONGST GENERAL PRACTITIONERS - A CASE BASED QUESTIONAIRE (10')**

**Johannes KLAGER**

*Department of Pathology, Medical University of Vienna, Austria*

**MICROVASCULAR INFLAMMATION IN KIDNEY TRANSPLANT BIOPSIES - CURRENT CONCEPTS AND PERSPECTIVES (10')**

*Discussion*

15:00-15:20 *Coffee Break*

15:20-16:10 **SESSION 6: GLOMERULOPATHIES 2**

*Chairs: Matija CRNOGORAC, Sándor TÜRKEVI NAGY*

**Adél MOLNÁR**, M. Juha, K. Bulajcsík, D. Dobi, A. Tislér, N. Ledó

*Department of Internal Medicine and Oncology, Semmelweis University, Budapest, Hungary*

**PROPOSAL OF NOVEL RISK PREDICTION SCORE FOR MAJOR ADVERSE CARDIOVASCULAR EVENTS IN LUPUS NEPHRITIS (10')**

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**Bitó L., Ákos BOGÓ**

*Szegedi Tudományegyetem - Belgyógyászati Klinika, Szeged, Hungary*

**A CASE REPORT: IPILIMUMAB AND NIVOLUMAB CHECKPOINT INHIBITOR IMMUNOTHERAPY IN CORRELATION WITH MINIMAL CHANGE NEPHROPATHY (10')**

**Csilla MARKÓTH, L. Bidiga, L. Váróczy, I. File, J. Balla, J. Mátyus**

*Division of Nephrology, Department of Internal Medicine, Faculty of Medicine, University of Debrecen, Hungary*

**TUBULAR BASEMENT MEMBRANE AMYLOID DEPOSITION: IS IT AN INDICATOR OF RENAL PROGRESSION IN LIGHT CHAIN AMYLOIDOSIS? TUBULUS BAZÁLMEMBRÁN ÉRINTETTSÉG: MEGHATÁROZZA-E A VESEMŰKÖDÉS PROGRESSZIÓJÁT SZISZTÉMÁS KÖNNYŰLÁNC AMYLOIDOSISBAN? (10')**

**Amir Reza MANAFZADEH**

*University of Szeged, Albert Szent-Györgyi Medical School, Department of Surgery*

**CLINICAL AND PATHOLOGICAL CHARACTERISTICS OF PRIMARY FOCAL SEGMENTAL GLOMERULOSCLEROSIS IN ADULTS: A SINGLE-CENTER RETROSPECTIVE STUDY (10')**

*Discussion*

**16:10-16:50**

**SESSION7: CLINICAL NEPHROLOGY - OTHERS**

*Chair: Nóra LEDÓ*

**Marija KARAPANDZIC, Kusic J., Djurkovic V., Jemcov T.**

*Department of Nephrology, Clinical Hospital Center Zemun, Belgrade, Serbia*

**RETROPERITONEAL FIBROSIS: UTILITY OF CT IN DIAGNOSIS AND TREATMENT FOLLOW-UP (10')**

**Tamás István NAGY, K. E. Kárpáti, D. Bajcsi, A. Balog, Gy. Ábrahám, B. Iványi, Z. Borbény**

*University of Szeged, Albert Szent-Györgyi Medical School, Albert Szent-Györgyi Health Center, Department of Medicine, Szeged, Hungary*

**PROGRESSION OF PROTEINURIA AFTER SPLENECTOMY INDICATED BECAUSE OF REFRACTORY HEMOLYTIC ANEMIA – A CASE HISTORY OF A 65 YEAR-OLD MALE DIABETIC PATIENT (10')**

**Giedrė ŽULPAITĖ, D. Braždiūnaitė, M. Miglinas**

*Faculty of Medicine, Vilnius University, Vilnius, Lithuania*

**FAMILIAL JUVENILE HYPERURICEMIC NEPHROPATHY: A CASE REPORT (10')**

*Discussion*

**16:50**

**CLOSURE OF CONGRESS**

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**25<sup>th</sup> November 2023, Saturday**