

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*



Hunguest 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
Deján Dobi MD
Szilárd Kun MD

Csilla Markóth MD
Domonkos Pap MD
Milán Vecsey-Nagy MD

SCIENTIFIC BOARD

Orsolya Cseppekál MD **Nóra Ledó MD**

Eszter Horváth MD **Ádám Hosszú MD**

25th 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

25th November 2023, Saturday

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. Kosztelnik, 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-Székelly, 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')

25th November 2023, Saturday

VII. MATHINÉ

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. Strizic, 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 SGLT₂ INHIBITOR, DAPAGLIFLOZI AS A KEY THERAPY IN HISTOLOGICALLY PROVEN DIABETIC KIDNEY DISEASE WITH NEPHROTIC SYNDROME (10')

Discussion

12:40-13:30 Lunch Break

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. Vajér, 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 - A SPATIAL MULTIPLEX IMMUNE CELL DECONVOLUTION BASED ON SINGLE SLIDE MULTIPLEX IMMUNOFLUORESCENCE (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')

25th November 2023, Saturday

VII. MATHINÉ

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

25th November 2023, Saturday