

Meeting of Young Hypertonologists and Nephrologists - VI. MATHINÉ

22 October, 2022



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



Basic Medical Science Center Semmelweis University
H-1094 Budapest, Tűzoltó street 37-47.

PROGRAM

VI. 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 VI. 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 VI. Mathiné!

MAIN ORGANIZER:

Dr. Imola Fejes
MHT

Dr. Szilveszter Dolgos
MANET

SECRETARY

Dr. Eszter Hováth
MHT

Dr. Edina Lám
MANET

Organizer Board:

Dr. Viktória Baracsi-Botos
Dr. Ágnes Diószegi
Dr. Deján Dobi
Dr. Szilárd Kun

Dr. Nóra Ledó
Dr. Csilla Markóth
Dr. András Mohos
Dr. Domonkos Pap
Dr. Milán Vecsey-Nagy

SCIENTIFIC BOARD

Dr. Orsolya Cseprekál **Dr. Szabolcs Lengyel**
Dr. Botond Csiky **Dr. Andrea Fekete**
Dr. Péter Légrády **Dr. Zsófia Németh**

Congress Organizer:



Internet: <http://www.eqcongress.hu>

22nd October 2022. Saturday

VI. MATHINÉ

GENERAL INFORMATION

Date: 22 October 2022
Venue: Basic Medical Science Center Semmelweis University
1094 Budapest, Tűzoltó u. 37-47.

THE LANGUAGE USED: ENGLISH

A The best performers will receive a prize given by the MHT (Hungarian Society of Hypertension) which allows participation on their congress in 2023 and the other will be awarded by the MANET (Hungarian Society of Nephrology) which will allow participation on their congress in 2023.

| Categories | LATE + On-site |
|--|----------------|
| MHT/MANET member, under the age of 45 | 22,000 HUF |
| MHT/MANET member, over the age of 45 | 25,000 HUF |
| No MHT/MANET members | 26,000 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.

12,000 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

22 October 2022 09.00-18.00

22nd October 2022 Saturday

VI. MATHINÉ

SCIENTIFIC PROGRAM

10:00 OPENING CEREMONY

Orsolya CSEPREKÁL, Szilveszter DOLGOS, Imola FEJES

10:10 STATE OF THE ART

András TISLÉR

Semmelweis University, Department of Internal Medicine and Oncology, Budapest

DIURETIC RESISTANCE AND ITS MANAGEMENT

10:50 IS HYPERTENSION A CAUSE OR A CONSEQUENCE?

*Chairpersons: Viktória BARACSI-BOTOS / Orsolya CSEPREKÁL /
Cosmin COJOCARU*

Cosmin COJOCARU, Vijiác A.-E., Fronea-Gheorghe O., Mohaiu T., Itu L.,
Dorobantu M.

Faculty of Automatic Control and Computer Science, Polytechnic University of Bucharest

NINE YEARS TRENDS IN ATRIAL FIBRILLATION PREVALENCE AMONG
ROMANIAN ADULT HYPERTENSIVES: A POST-HOC ANALYSIS OF SEPHAR II –
IV SURVEYS (12')

Laura-Adina STANCIULESCU, M. Dorobantu

*Emergency Clinical Hospital Bucharest - Cardiology Department "Carol Davila" University
of Medicine and Pharmacy*

PREVALENCE AND TRENDS OF CHRONIC KIDNEY DISEASE IN A GROUP OF
HYPERTENSIVE PATIENTS: DATA FROM THE SEPHAR IV STUDY (12')

Helga GYÖNGYÖSI, D. Batta, A. László, P. Torzsa, B. Kőrösi, Zs. Nemcsik-
Bencze, O. Cseprekál, A. Tislér, J. Nemcsik

Department of Family Medicine, Semmelweis University

EVALUATION OF OFFICE AND AMBULATORY CENTRAL BLOOD PRESSURE BY
TWO METHODS AND THEIR CHANGES AFTER LIFESTYLE OR MEDICAL
INTERVENTIONS IN HYPERTENSION (8')

Discussion (8')

11:30 COVID-19 IN HYPERTENSION AND NEPHROLOGY

Chairpersons: Imola FEJES / Ágnes DIÓSZEGI / Szabolcs LENGYEL

Imola FEJES, R. Róka, Gy. Ábrahám, T. Várkonyi, Cs. Lengyel, P. Légrády

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

EFFECT OF HYPERTENSION AND RAS INHIBITORS TO ADULT PATIENTS (OVER 18
YEARS OLD) WITH SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2
(SARS-COV2) INFECTION WHO WERE ADMITTED TO HOSPITAL (15')

22nd October 2022 Saturday

VI. MATHINÉ

Ewa PAWLOWICZ-SZLARSKA

Department of Nephrology, Hypertension and Kidney Transplantation, Medical University of Lodz, Poland

NEPHROLOGY WORKFORCE FACING THE PANDEMIC: PERCEPTIONS, EXPERIENCES AND BURNOUT IN THE COVID-19 ERA (15')

Discussion (10')

12:10-12:45 Lunch Break

12:45 CHRONIC KIDNEY DISEASE AND DIALYSIS

Chairpersons: Domonkos PAP / Maria Bartosova / Laura-Adina Stanculescu

Maria BARTOSOVA, I. Marinovic, E. Levai, R. Herzog, C. Zhang, J.M. Sacnun, R. Hoogeboom, S. G. Zarogiannis, K. Kratochwill, C.P. Schmitt

Center for Pediatric and Adolescent Medicine, University of Heidelberg, Germany

MESOTHELIAL AND ENDOTHELIAL SEALING AND SOLUTE TRANSPORTER PROTEINS IN HEALTH, CKD AND PD AND ASSOCIATIONS WITH PERITONEAL MEMBRANE FUNCTION (15')

Amna HASHMI, R. P. Szabo, G. Becs, Nhu Y Duong, J. Balla

University of Debrecen, Institute of Internal Medicine, Department of Nephrology, Center for Extracorporeal Organ Replacement, Debrecen

CORRELATIONS BETWEEN BIOIMPEDANCE MEASUREMENT AND CARDIAC STATUS IN OUR PERITONEAL DIALYSIS PATIENTS (15')

Csenge SZÁSZ, E. Lévai, B. Szebeni, A. Veres-Székely, D. Pap, Gy. Reusz, A. Szabó, Á. Vannay

Semmelweis University, 1st Department of Pediatrics, Budapest

THE CELLULAR AND MOLECULAR PATOMECHANISM OF PERITONEAL DIALYSIS ASSOCIATED-FIBROSIS: PARK7 AS A POTENTIAL DIAGNOSTIC AND THERAPEUTIC TARGET (10')

Eszter LÉVAI, A. Veres-Szekely, C. Zhang, M. Bartosova, D. Pap, I. Marinovic,

B. Szebeni, R. Herzog, Cs. Pajtok, Cs. Szasz, B. Schaefer, K. Kratochwill,

S. G. Zarogiannis, A. Szabo, A. Vannay, C.P. Schmitt

Semmelweis University, 1st Department of Pediatrics, Budapest

PARK7 – A NOVEL THERAPEUTIC TARGET FOR PERITONEAL DIALYSIS INDUCED PERITONEAL VASCULAR TRANSFORMATION (10')

Discussion (10')

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13:45

GLOMERULOPATHIES

Chairpersons: **Nóra LEDÓ** / **Csilla MARKÓTH** / **Matija CRONOGRAC**

Matija CRNOGORAC, I. Horvatic, P. Kacinari, L. Toric, D. Kasumovic,
N. Zagorec, D. Galesic Ljubanovic, K. Galesic

Department of Nephrology and Dialysis; Dubrava University Hospital, Zagreb, Croatia

ANCA NEGATIVE SMALL VESSEL VASCULITIS WITH KIDNEY INVOLVEMENT – ARE THEY DIFFERENT FROM ANCA POSITIVE ONES? (20')

Nóra LEDÓ, D. Dobi, A. Folhoffer

Semmelweis University, Department of Internal Medicine and Oncology, Budapest

NEPHROTIC SYNDROME AND LIVER DISEASE – PRESENTATION OF TWO UNUSUAL CASES (10')

Csilla MARKÓTH, L. Váróczy, L. Bidiga, J. Mátyus

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

SYSTEMIC AL AMYLOIDOSIS FROM THE NEPHROLOGIST'S PERSPECTIVE (10')

Adél MOLNÁR, Tislér A., Dobi D., Pethő Á.

Semmelweis University, Department of Internal Medicine and Oncology, Budapest

A UNIQUE CASE OF ANTI-GBM DISEASE WITH CONCOMITANT ANTI-PLA2R POSITIVITY (10')

Discussion (10')

14:45-15:10

Coffee Break

15:10

NEPHROPATHOLOGY

Chairpersons: **Deján DOBI** / **Edina LÁM**

Márk JUHA, Molnár A., Dobi D., Matolcsi A., Ambrus Cs., Deák Gy., Kardos M., Tislér A., Ledó N.

Semmelweis University, Department of Internal Medicine and Oncology, Budapest

MEMBRANOUS NEPHROPATHY - CHARACTERISTICS OF HISTOLOGICAL AND CLINICAL DATA BETWEEN 2013 AND 2020 (8')

Dejan DOBI, A. Edwards, Z.G. Lászik

Semmelweis University, Budapest

DIGITAL PATHOLOGY AND GENE EXPRESSION ANALYSIS AS POTENTIAL TOOLS FOR THE STANDARDIZATION OF TRANSPLANT DIAGNOSTICS (8')

Fanni SÁNTA, D. Semjén, B. Dénes, Á. Somorácz, A. Fintha, G. Forika, A. Jenei, D. Dobi, T. Micsik, K. Eizler, N. Giba, A. Sejben, B. Iványi, L. Kuthi

Department of Pathology, Albert Szent-Györgyi Medical School, University of Szeged, Szeged, Hungary

RENAL CELL CARCINOMA IN END-STAGE RENAL DISEASE: A STUDY OF 31 HUNGARIAN PATIENTS (8')

VI. MATHINÉ

Jan Ulrich BECKER (15')

University of Pathology Uniklinik Köln, Germany

BANFF CLASSIFICATION OF RENAL ALLOGRAFT PATHOLOGY: WHERE COULD WE GO FROM HERE?

Sándor TURKEVI-NAGY, T. Kalmár, D. Jakab, L. Bitó, P. Légrády, Cs. Bereczki, B. Iványi

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

DIAGNOSTIC APPROACH TO GENETIC DISEASES OF THE NEPHRON (10')

Discussion (10')

16:10 ACUTE KIDNEY INJURY – CASE REPORTS

Chairpersons: Szilveszter DOLGOS / Ewa PAWLOWICZ-SZLARSKA

Alexandra FEKETE, T. Várady, J. Arányi, K. Tóth, J. Penyige, D. Szilveszter
Szent Margit Kórház, II. Belgyógyászat

STATIN INDUCED RHABDOMYOLYSIS DUE TO BILIARY OBSTRUCTION: A CASE REPORT (8')

Liliána HUSZÁR, T. Várady, J. Arányi, Sz. Dolgos
Szent Margit Hospital, Nephrology Department

A POTENTIALLY FATAL CONNECTION OF THE KIDNEY AND HEART AXIS: A CASE REPORT OF A PATIENT WITH CARDIORENAL SYNDROME (8')

Discussion (4')

16:30-16:45 Coffee Break

16:45 PSYCHOMETRIC AND PSYCHONEPHROLOGY

Chairpersons: Milán VECSEY-NAGY / András MOHOS / Silvia AZIRIOVA

Zsófia NEMCSIK-BENCZE, B. Körösi, H. Gyöngyösi, D. Batta, A. László, P. Torzsa, I. Kovács, Z. Rihmer, X. Gonda, J. Nemcsik

Department of Neuroradiology, Semmelweis University, Budapest, Hungary

DEPRESSION AND ANXIETY IN DIFFERENT HYPERTENSION PHENOTYPES: A CROSS-SECTIONAL STUDY (10')

Milán VECSEY-NAGY

Heart and Vascular Center of Semmelweis University

CYCLOTHYMIC AFFECTIVE TEMPERAMENT IS INDEPENDENTLY ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY IN CHRONIC HYPERTENSIVE PATIENTS (10')

VI. MATHINÉ

Silvia AZIRIOVA, Krajčírovičová K., Baka T., Repová K., Stanko P., Adamcová M., Paulis L., Šimko F.

Institute of Pathological Physiology, Faculty of Medicine, Comenius University, Bratislava, Slovakia

PROTECTIVE EFFECT OF IVABRADINE AND MELATONIN ON ANXIETY-LIKE BEHAVIOUR AND MEMORY IN HYPERTENSIVE RATS (15')

Discussion (10')

17:30 OTHERS

Chairpersons: Eszter HORVÁTH / Szilárd KUN / Chandran NAGARAJ

Chandran Nagaraj, H. Olschewski, P. Enyedi, G. Kwapiszewska, A. Olschewski
Ludwig Boltzmann Institute for Lung Vascular Research, Graz, Austria

NON-GENOMIC EFFECTS OF THE PAN PPAR-AGONIST ON THE PULMONARY ARTERIAL HYPERTENSION (15')

Haoran KE, M. Sipos, D. Gerszi, H. Dalloul, B. Bánai, R.E. Sziva, R. Kollarics, P. Magyar, M. Török, N. Ács, M. Szekeres, Gy.L. Nádasy, L. Hadjadj, E.M. Horvát, Sz. Várbió

Semmelweis University, Department of Physiology, Budapest, Hungary

SEX SPECIFIC CHANGES IN CAROTID ARTERIAL FUNCTION IN RESPONSE TO VITAMIN D DEFICIENCY (8')

Ákos Roland TÓTH, J. Hodrea, D.B. Balogh, A.J. Szabo, A. Fekete, A. Hosszu
MTA-SE "Lendület" Diabetes Research Group, Budapest, Hungary

PROTECTIVE EFFECTS OF SIGMA-1 RECEPTOR AGONISTS IN RENAL ISCHEMIA/REPERFUSION INJURY (8')

Bence MÁRKUS, B. Laczy, I. Wittmann

PTE KK II. Belgyógyászati Klinika, Pécs

REVERSIBLE POLYGLOBULIA WITH SGLT₂-INHIBITOR THERAPY – CASE REPORT (8')

Johnsen JOHNNY, B. Bánai, Zs. Miklós, Cs. Répás, E. M. Horváth, **Rita BENKŐ**
Semmelweis University, Department of Physiology, Budapest, Hungary

Δ⁹-TETRAHYDROCANNABINOL CONSERVES CARDIOVASCULAR FUNCTIONS IN A RAT MODEL OF ENDOTOXEMIA: INVOLVEMENT OF ENDOTHELIAL MOLECULAR MECHANISMS AND OXIDATIVE-NITRATIVE STRESS (8')

Discussion (12')

18:30 CLOSURE OF CONGRESS