

HMAA

18th Annual Conference



VÁRGESZTES

2024 — hmaa-hc.hu



Greetings/Köszöntők

Welcome to the HMAA-HC Várgesztes 2024 Conference

Dear Friends!

Time moves incredibly fast. We still remember the last HMAA HC conference in Fured, but we are already preparing for our 2024 annual meeting, putting the finishing touches to the programme, taking care of last minute issues and looking forward to the sixth of September. This year we are organising our conference in a new location, with a slightly different approach to the previous ones in Várgesztes.

Várgesztes is a wonderful place, a resort village in the Vértes, where we can finally spend two days together with the scientific programmes, accommodation, meals and social activities all at the conference venue. Besides being located in a picturesque setting, the Villapark is easily accessible by public transport from Tatabánya, but it is also only an hour's drive from the capital.

This year 24 presentations and 52 posters were accepted by the scientific committee. It is dare to say that the quality of the presentations is rising annually, and this year is no different. As usual, there will be workshops, again an emergency quiz, free activities and a few surprises! While last year's funding was significantly reduced, we are fortunate to always have sponsors whose generous support makes our annual conference possible. I would like to extend my grateful thanks to them. I owe no less appreciation and thanks to our organisers, especially to our chief organiser, Dr. Dorottya Szabó Steigerwald. The length of this welcome does not allow me to mention the names of all those who have worked so hard to make it possible for us to meet at the new venue, but I would like to express my enormous thanks and gratitude to all those who have actively participated in the organisation.

With unbroken optimism, I am confident that 18th HMAA HC conference will be a great success!

I look forward to September 6-7 with great anticipation and welcome with love and appreciation all the kind participants!

Dr. Péter László Kanizsai
President of the HMAA HC





HUNGARIAN MEDICAL ASSOCIATION OF AMERICA

Established in 1968

www.hmaa.org

Date: August 14, 2024

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Andrea Varga, MD

Ladies and Gentlemen, my Friends in the HMAA Hungary Chapter family, Dear Students,

It is a great honor to become president of the HMAA, as I was an exchange student in the society long ago. In the meantime, we must motivate our younger generation and students to follow our founding fathers' and mothers' dreams and vision of educating and sharing medical knowledge without borders.

Welcome back to Vargesztes! With the new location and a more energized team, I hope you will enjoy our annual HC scientific meeting.

We are so excited to learn from each other, not only within the scope of scientific discourse but also about personal and professional milestones in our relaxed atmosphere! Let us learn from each other with fruitful discussions after superb presentations.

Our programs: This year, we are continuing our flagship student exchange program and have reopened the fellowship and observer programs. I am happy to report that 24 students in Buffalo and 12 in Houston have enrolled in our program for this academic year. You will have the opportunity to meet past and future students in person and listen to their lectures. Additionally, we have four research fellows from Hungary working on an annual term at the Houston DeBakey Heart & Vascular Center. We continue to support the HMAA HC student conference and will welcome the best English Lecture Award Winner at our meeting in Sarasota, Florida.

Every year, we are confronted with new global challenges that affect each one of us in some way. Currently, we long for peace and prosperity as we witness unjust and brutal wars. However, we are prepared to confront and discuss these current challenges, just as we have overcome those in the past, such as the recent COVID-19 pandemic. As a proud and supportive community, we come together more vital than ever.

I would also like to thank everyone supporting our organization and programs. Your contribution powers great opportunities and immense innovations. Let us all come together to make our annual meeting another great success. And enjoy listening to the lectures from our next generation of Hungarian doctors and researchers.

My promise is to continue to work hard for our society!

Enjoy your time with each other, make new friends, and stay safe!

Zsolt Garami, MD

Várgesztes Conference Program

6 September, Friday 2024

8:00 - 16:00 Registration

10:00 *Opening Ceremony - Hága hall*

11:10 INTERDISCIPLINARY ORAL SESSION I. - *Hága hall*

Anatomy - Anesthesiology - Intensive Care - Dermatology - Emergency Care - Immunology - Cell Biology - Pharmacy

11:10 INTERDISCIPLINARY ORAL SESSION II. - *Breda hall*

Pathology - Pathophysiology - Physiology - Oncology

12:20 INTERDISCIPLINARY ORAL SESSION III. - *Hága hall*

Dentistry - Neurosurgery - Surgery - Traumatology

12:20 INTERDISCIPLINARY ORAL SESSION IV. - *Breda hall*

Interdisciplinary - Pediatrics - Pulmonology - Radiology

12:00 - 15:00 Lunch

15:00 WORKSHOP LECTURE - *Hága hall*

13:30 HIGHLIGHTED SESSION and WORKSHOP - *Breda hall*

15:30 - 18:00 Social game: Blanket ball

15:30 POSTER SESSION I. - *Hága hall*

Biochemistry - Biophysics - Cell Biology - Immunology

15:30 POSTER SESSION II. - *Breda hall*

Behavior Sciences - Microbiology - Oncology - Pathology

16:30 POSTER SESSION III. - *Hága hall*

Dermatology - Internal Medicine - Family Medicine - Obstetrics & Gynecology - Rheumatology

16:30 POSTER SESSION IV. - *Breda hall*

Anatomy - Dentistry - Neurology - Radiology

19:00 DINNER

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Várgesztes Conference Program

7 September, Saturday 2024

8:00 – 12:00 Registration

9:30 In memoriam Prof. Peter Forbath

10:30 POSTER SESSION V. – *Hága hall*

Cardiology

10:30 HMAA BUFFALO EXCHANGE PROGRAM SESSION – *Breda hall*

12:00 – 15:00 Lunch

12:00 POSTER SESSION VI. – *Hága hall*

Anesthesiology – Intensive Care – Emergency Care – Neurosurgery –
Surgery – Traumatology

12:00 POSTER SESSION VII. – *Breda hall*

Pediatrics – Prevention – Orthopedics

13:10 EMERGENCY QUIZ – *Hága hall*

14:00 ORVOSI JOG GYAKORLATI SZEMMEL – *Breda hall*

15:00 – 16:00 Waffle party

16:10 AWARD CEREMONY – *Hága hall*



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Address of the HMAA Hungary Chapter

Péter L. Kanizsai MD, president
Address: 1124 Budapest, Fűrj utca
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General information / Általános Információk

HMAA-HC membership / HMAA-HC tagság

EN Membership of the Hungarian Medical Association of America

To apply for membership in the HMAA Hungary Chapter, please apply via our website: hmaa-hc.hu
You can pay the membership fee online (CIB Bank).

HMAA Hungary Chapter membership fee (January 1 - December 31, 1 year)

- o Medical students: 2000 HUF / year
- o Residents, PhD students: 6000 HUF / year
- o Physicians, doctors: 15 000 HUF / year

HU Amerikai Magyar Orvosszövetség Magyarországi Tagozat tagságról

Belépni a hmaa-hc.hu honlapon lehetséges, a tagdíj közvetlenül kártyával fizethető (CIB BANK).

Egy éves HMAA HC tagság díja (január 1-december 31):

- o Egyetemi hallgatóknak: 2000 Forint
- o Rezidenseknek, PhD hallgatóknak: 6000 Forint
- o Szakorvosoknak: 15 000 Forint

Congress registration / Kongresszusi regisztráció

EN Registration fee

The **registration fee** includes: registration, lunch on Friday and Saturday, dinner on Friday night.

Online Registration Fees

Member Registration 49 900 HUF
Non-Member Registration 65 000 HUF

Reimbursement, extra person costs

Paid by local Student Scientific Committee (SE, PTE, DOTE, SZTE)

It is possible to attend the conference without giving a presentation, but full registration is still required due to venue capacities and the inclusion of accommodation and meals in the registration fee. This also applies to accompanying persons.

HU Részvételi díj

A konferencia részvételi díja a regisztrációs ajándéksomagot, a pénteki és szombati ebédet, továbbá a péntek esti gála vacsorát tartalmazza.

Online regisztráció:

HMAA tag: 49 900 HUF
Nem HMAA tag: 65 000 HUF



Egyéb

Helyi TDK bizottság pályázat által fizetve (SE, PTE, SZTE, DOTE)

Lehetőség van előadás nélkül is részt venni a konferencián, de ez esetben is teljes értékű regisztrációt kell váltani, tekintettel a helyszín adottságaira és a regisztrációs díjban foglalt szállásra, étkezésekre. Ugyanez vonatkozik a kísérőkre is.

Regisztrációs díj befizetés módjai / Registration fee payment

EN You can pay the fee via online registration, or by bank transfer to HMAA HC Bank Account, or on Friday, on the spot by cash.

HU A regisztrációs díj a honlapon online regisztráción keresztül, vagy banki átutalással a HMAA HC bankszámlájára utalható, illetve a helyszínen pénteken készpénzben fizethető.

HMAA Hungary Chapter bankszámlaszáma / Bank account of HMAA Hungary Chapter:

Amerikai Magyar Orvosszövetség Magyarországi Tagozat Egyesület /AMOSZ MTE Account number / Számlaszám: 10700244-67327821-51100005. Bank name: CIB Bank IBAN: HU791070 0244 6732 7821 5110 0005, CIBHHUHB

Congress venue / Kongresszusi helyszín

EN Villapark Várgesztes (2824, Várgesztes Hrsz. 201 25)

Located close to Tatabánya, the park is surrounded by the greenery of the Vértes mountain, great for a morning walk before the day begins in the scientific sections.

HU Villapark Várgesztes (2824, Várgesztes Hrsz. 201 25)

Tatabányához közel található, a Vértes zöldjével övezett park kiválóan alkalmas egy reggeli sétára a tudományos szekciók megkezdése előtt.

Map / Térkép



Wireless internet (WiFi)/
Vezeték nélküli internet

Network name/Hálózat neve: HMAAHCVARGESZTES2024

Password/Jelszó: HMAAHCVARGESZTES2024



Fontos információk előadóknak / Information for presenters

EN Guidelines for presentations

Language of the presentations: English or Hungarian

Guidelines for electronic poster (EPOS) presentations

Discussions at the poster boards are informal (**3 minutes/poster**), followed by a 2-minute discussion.

All e-posters should consist of 4 slides (1 title + 3 main). There are no limitations regarding the file format.

Guidelines for oral presentations

Each speaker will have **7 minutes** for the presentation, after the presentation there will be additional **2 minutes** for discussion. Please keep the time!

There will be **NO access for on-site upload** and reviewing your slides before your session on the computer in the lecture room due to technical reasons.

Thank you for your cooperation.

If your presentation is longer than 7 minutes, hence beyond the allowed time frame, the jury will deduct a point from your total score.

GENERAL INFORMATION

Awards: The best English and Hungarian presentations (poster and oral) will be awarded by HMAA (first prize for best English lecture by Hungarian citizen: HMAA Sarasota Award). The best lecturers/poster presenters of each session will be also awarded at the closing ceremony on Saturday afternoon. Please don't forget to attend the closing ceremony! If you do not attend, your colleague may take over the award for you with your permission during the ceremony. In this case please contact your local HMAA HC student representatives!

Certificate: All presenters receive certificates during the session. If you need a certificate of attendance, please ask our staff at the registration desk.





Special Awards / Kiemelt díjak

Irene and Ivan Krisztinicz award (best English lecture award) *offered by Hungarian Medical Association of America Inc.*

Istvan Mechtler award (best Hungarian lecture award) *offered by Laszlo L. Mechtler M.D.*

Peter Forbath award (best performance by English programme student)

MET award (best performance by a trans-border hungarian student) *offered by the Hungarian Health Association (MET - Magyar Egészségügyi Társaság)*

Korábbi Irene and Ivan Krisztinicz award nyertesek / Previous Ivan Krisztinicz awardees

- 2023 Pytel Bence (PTE)
- 2022 Zalán Petneházy (PTE)
- 2021 Márton Simon Czikkely (SZTE)
- 2020 Bálint Lippai (PTE)
- 2019 Veronica Frank (SE)
- 2018 Zsófia Nozomi Krádi (PTE)
- 2017 Dávid Keller (SE)
- 2016 Balázs Szabó (DOTE)
- 2015 András Sziráki (SE ÁOK V.)
- 2014 Ágnes Hunyady (PTE ÁOK IV.)
- 2013 Dr. Kornél Dános (SE Fül-orr-gégészeti és Fej-nyaksebészeti Klinika PhD hallgatója)
- 2012 Dr. Ádám Jermendy (SE Kardiológiai Központ rezidens)
- 2011 Márton Pipicz (SZTE ÁOK VI.)
- 2010 Károly Németh (SE ÁOK VI.)

Korábbi id. Mechtler István award nyertesek / Previous Id. Istvan Mechtler awardees

- 2023 Klettner Dóra
- 2022 Eszter Vén (SE)
- 2021 Tünde Tóth (PTE)
- 2020 Gábor Lászik (SZTE ÁOK)
- 2019 Ticián Wilisicz (DE-ÁOK)
- 2018 Máté Szabó (DEOEC)
- 2017 Bálint Egyed (SE)
- 2016 Nóra Khidhir (PTE)
- 2015 Tímes Teszák (SE)
- 2014 dr. Adél Rácz (Budapest)
- 2013 Anna Budai (PTE)
- 2012 Áron Szebeni (SZTE ÁOK)
- 2011 Zsolt Pápai (SE ÁOK)



Meghívott vendégek/Invited guests:

- Prof. Dr. László Mátyus** Dean of Faculty of Medicine, University of Debrecen; Head and full professor of the Department of Biophysics and Cell Biology.
- Dr. Zsolt Garami** President of the HMAA, Houston Methodist Hospital Houston, TX, USA.
- Dr. Marcel Pop** Director, Directorate of International Relations, Semmelweis University.
- Prof. Dr. Ferenc Erdődi** Institute of Medical Chemistry, University of Debrecen, former President of the Scientific Student Council of the University of Debrecen.
- Prof. Dr. László Galuska** Institute Director, Professor, Institute of Nuclear Medicine, University of Debrecen Medical and Health Science Center, President of the Hungarian Medical Association.
- Prof. Dr. Kinga Karlinger** Senior Research Associate, Medical Imaging Centre, Semmelweis University, Faculty of Medicine.
- Dr. Alexander Matolcsy** President of the HMAA 1994-1997.
- Dr. György Kovács, PhD, LL.M.** PPKE-JÁK, CEU CELAB, President of the Hungarian Fulbright Association, Attorney at Law, Budapest.
- Dr. Eszter Mária Végh** Interventional radiologist, University of Pécs, Hungary.
- Bence János Samodai** Trumpet artist, lecturer at the Bartók Béla Faculty of Arts of the University of Szeged and doctoral student at the Doctoral School of Arts of the University of Pécs.

SCIENTIFIC PROGRAM



2024. szeptember 6. péntek

6 September 2024 Friday

	HÁGA TEREM	BREDA TEREM
08:00 - 16:00	Regisztráció / Registration	
10:00 - 11:00	<p>Opening Ceremony/Megnyitó</p> <p>Köszöntő előadások / Greetings</p> <p>Dr. Kanizsai Péter (president of HMAA Hungary Chapter)</p> <p>Dr. Horváth Gábor (vice president of HMAA Hungary Chapter)</p> <p>Dr. Csáthy László (former president of HMAA Hungary Chapter)</p>	
11:10 - 12:10	<p>SS1. Interdisciplinary Oral session I. (Anatomy-Anesthesiology-Intensive Care-Dermatology-Emergency Care-Immunology-Cell Biology-Pharmacy)</p> <p>11:10-11:20 EN Thalamic control of aggression</p> <p><u>Botond Drahos</u>, Dr. Tamás Láng, Prof. Dr. Árpád Dobolyi</p> <p>(Department of Anatomy, Histology and Embryology, Semmelweis University)</p> <p>11:20-11:30 EN Connection of expiratory flow limitation and chronic lung allograft dysfunction in a follow-up study</p> <p><u>Sipos Botond</u></p> <p>(Department of Anesthesiology and Intensive Therapy, Semmelweis University)</p>	<p>SS2. Interdisciplinary Oral Session II. (Pathology-Pathophysiology-Physiology-Oncology)</p> <p>11:10-11:20 EN Understanding small cell lung cancer subtype heterogeneity across distinct metastatic sites</p> <p><u>Bogos Julianna Lara</u>¹, Dr. Döme Balázs^{1,2,3}, Dr. Megyesfalvi Zsolt^{1,2,3}</p> <p>(1-Department of Thoracic Surgery, Semmelweis University and National Institute of Oncology, Budapest, Hungary 2-National Koranyi Institute of Pulmonology, Budapest, Hungary; 3-Department of Thoracic Surgery, Comprehensive Cancer Center, Medical University of Vienna, Vienna, Austria)</p> <p>11:20-11:30 EN Can we replace Gomori's silver impregnation with in situ protein-based grading of myelofibrosis progression?</p> <p>(<u>1</u>) Anna Nagy, (<u>2</u>) László Krenács, (<u>3</u>) Tamás Székely, (<u>4</u>) Botond Timár, (<u>5</u>) Tibor Krenács</p>

11:30-11:40 **EN** Role of pigmentation in the regulation of ferroptosis in melanoma

Benedek Nagy, Dorottya Pál, Lajos Vince Kemény M.D.

(Semmelweis University - Faculty of Medicine: Department of Physiology, Department of Dermatology, Venereology and Dermat oncology)

11:40-11:50 **EN** Development of a human induced pluripotent stem cell (hiPSC) based neural crest organoid model for the study of neuroblastoma

Simon Tusnady, Kornelia Szebenyi

(HUN-REN Research Centre for Natural Sciences, Institute of Molecular Life Sciences)

11:50-12:00 **EN** Targeting hard-to-attack protein-protein interaction surfaces using UV-reactive surface fragments

(1) Bence Nagymihály, (1,2) Edit Wéber, (3) Péter Ábrányi-Balogh, (4) Dóra Karancsiné Menyhárd, (3) Nikolett Péczka, (4) Márton Gadanez, (5) Gitta Schlosser, (3) Zoltán Orgován, (1,2) Ferenc Bogár, (3) Dávid Bajusz, (1) Gábor Kecskeméti, (1) Zoltán Szabó, (1,2) Éva Bartus, (1) Attila Tököli, (1,2) Gábor K. Tóth, (3) Tibor V. Szalai, (6) Tamás Takács, (6) László

(1 Department of Medical Chemistry, University of Szeged; 2 HUN-REN-SZTE Biomimetic Systems Research Group; 3 Medicinal Chemistry Research Group, HUN-REN Research Centre for Natural Sciences; 4 Laboratory of Structural Chemistry and Biology,

((1,3,4,5) Department of Pathology and Experimental Cancer Research Semmelweis University, Faculty of Medicine, Budapest, (2) Laboratory of Tumor Pathology and Molecular Diagnostics, Szeged)

11:30-11:40 **EN** Role of microglia in SORL1-related inflammation and neuronal fate in Alzheimer's disease

Sára Vida ¹, Balázs Pósfai ¹, Krisztina Tóth ¹, Nikolett Lénárt ¹, Csaba Cserép ¹, Zoltán Máté ², Ferenc Erdélyi ², Zsolt Lele ³, István Katona ³, Henne Holstege ⁴, Olav M. Andersen ⁵, Ádám Dénes ¹

((1) Laboratory of Neuroimmunology, HUN-REN Institute of Experimental Medicine, Budapest, Hungary (2) Medical Gene Technology Unit, HUN-REN Institute of Experimental Medicine, Budapest, Hungary (3) Molecular Neurobiology Research Group, HUN-REN Institute of Experimental Medicine, Budapest, Hungary (4) Alzheimer Center Amsterdam, Department of Neurology, Amsterdam Neuroscience, Vrije Universiteit Amsterdam, Amsterdam UMC, Amsterdam, The Netherlands (5) Department of Biomedicine, Aarhus University, Aarhus, Denmark)

11:40-11:50 **HU** Effects of a 12-week treadmill training and long-term caloric restriction on the leptin resistance of middle-aged male Wistar rats

Kiss Fanni Dóra, Balaskó Márta

(Institute for Translational Medicine, Medical School, University of Pecs)

11:50-12:00 **EN** The role of intraamygdaloid oxytocin in novel object recognition in valproate-induced autism rat model

Institute of Chemistry, Eötvös Loránd University; 5 MTA-ELTE Lendület Ion Mobility Mass Spectrometry Research Group, Institute of Chemistry; Eötvös Loránd University; 6 Institute of Molecular Life Sciences, HUN-REN Research Centre for Natural Sciences)

12:00-12:10 **EN** Hepatic steatosis and cardiovascular risk factors in celiac disease. Results of a prospective, multicenter, case-control study (ARCTIC study)

Zsófia Peresztegi(1), Zsófia Vereczkei(2), Beáta Máth(3), Klára Lemes(4), Emese Mezősi (5), Gabriella Pár(5), Balázs Szirmay (6), Nándor Faluhelyi(7), Gábor Szekeres(7), Nelli Farkas(8), Judit Bajor(5)

((1) University of Pécs, Medical School (2) Institute for Translational Medicine, University of Pécs, Medical School (3) Semmelweis University (4) Department of Medicine, Albert Szent-Györgyi Medical School, University of Szeged (5) First Department of Medicine, University of Pécs, Medical School (6) Department of Laboratory Medicine, University of Pécs, Medical School (7) Department of Medical Imaging, University of Pécs, Medical School (8) Institute of Bioanalysis, University of Pécs, Medical School)

12:10-12:20 Szünet/Break

Bálint Turcsán, Vivien Fodor, Dávid Vörös, Kristóf László

(Department of Physiology, University of Pécs, medical school)

12:00-12:10 **EN** Unravelling the role of hemokinin-1 in age-related deterioration of motor coordination and muscle strength

Simon Dávid Vince

(University of Pécs, Department of Pharmacology and Pharmacotherapy)

12:10-12:20 Szünet/Break

12:20

-

13:20

SS3. Interdisciplinary Oral Session III.
**(Dentistry-Neurosurgery-Surgery-
Traumatology)**

12:20-12:30 EN Effect of
peridontopathogenic microbiome on
the outcome of cerebrovascular events

Lídia Molnár, Ágnes Bán, Edit Urbán,
Tihamér Molnár

(Department of Dentistry, Oral and
Maxillofacial Surgery, University of Pécs,
Hungary; Department of Microbiology,
University of Pécs; Department of
Anesthesiology and Intensive Care,
University of Pécs)

12:30-12:40 HU The effect of biomodal
prehabilitation on colon anastomosis
healing in a rat model

Hendlein Tímea Helga, Klára Lévay,
Szabina Kovács, András Fülöp, Attila
Szijártó

(Department of Surgery, Transplantation
and Gastroenterology, Semmelweis
University)

12:40-12:50 HU Bimodal prehabilitation
affects the microbiome composition of
the gut

Martin Varga, Klára Lévay, Szabina
Kovács, András Fülöp, Attila Szijártó

(Department of Surgery, Transplantation
and Gastroenterology, Faculty of
Medicine, Semmelweis University)

12:50-13:00 EN The role of AMPK in the
effects of physical prehabilitation on
liver regeneration after partial
hepatectomy in rat model

Kolos Csiktusnádi-Kiss, Kristóf Kárpáti,
Klára Lévay, Noémi Daradics,
András Fülöp, Attila Szijártó

SS4. Interdisciplinary Oral Session IV.
**(Interdisciplinary-Pediatrics-
Pulmonology-Radiology)**

12:20-12:30 HU Assessment of textural
feature in PET/CT imaging: a
multicentric phantom study

(1, 2) Piroska Kallos-Balogh, (1) Laszlo
Balkay

((1) Division of Nuclear Medicine and
Translational Imaging, Department of
Medical Imaging, Faculty of Medicine,
University of Debrecen, (2) Doctoral
School of Molecular Medicine, Faculty
of Medicine, University of Debrecen)

12:30-12:40 EN Radiomic study of
colorectal cancers

(1,2) Bertalan Tóth, (2) Dr. István Szabó,
(2) Dr. Ádám Domonkos Tárnoki PhD,
(2) Dr. Dávid László Tárnoki PhD

((1) Faculty of Medicine Semmelweis
University, (2) Department of Radiology
and Invasive Diagnostic Center and
National Tumorbiology Laboratory,
National Institute of Oncology)

12:40-12:50 EN The paradox
relationship of sensorimotor deficit and
infarct size in acute ischemic stroke

Péter Kozák, Ákos Menyhárt, Réka Tóth,
Eszter Farkas

(Department of Cell Biology and
Molecular Medicine, Albert
Szent-Györgyi Medical School,
University of Szeged)

12:50-13:00 HU Study of connective
tissue disease-related interstitial lung
disease - BMI as a predictor of
functional change

(Department of Surgery, Transplantation and Gastroenterology, Faculty of Medicine, Semmelweis University)

13:00-13:10 EN The prognostic role of mirns in glioblastoma

Dávid Martin Adorján, Álmos Klekner, Zsuzsanna Birkó

(Department of Neurosurgery, University of Debrecen; Department of Human Genetics, University of Debrecen)

13:10-13:20 EN The Impact of Surgical Timing on Functional Outcome and Survival in Patients with Spinal Metastases

Adam Kovari, Lukacs Benedek Nemeth

(Department of Neurosurgery, Semmelweis University)

13:20-13:30 Szünet/Break

Bernadett Mák, Virág Laczkó, Alexandra Nagy, Krisztina Vincze, Noémi Eszes, Anikó Bohács, Veronika Müller

(Department of Pulmonology, Semmelweis University)

13:00-13:10 EN Preoperative Pulmonary Rehabilitation in Thoracic Surgery

Jaekyung Lee, Fernanda Büchner Strachman, Janos Tamas Varga

(Department of Pulmonology, Semmelweis University, Budapest)

13:10-13:30 Szünet/Break



12:00-15:00 Ebéd / Lunch



15:30-18:00 Pokróclabda / Blanket ball

	HÁGA TEREM	BREDA TEREM
13:30 - 13:50		<p>HIGHLIGHTED SESSION</p> <p>Dr. Végh Eszter The taste of the world of interventional radiology</p>
13:50 - 15:30	<p>15:00-15:20</p> <p>WORKSHOP LECTURE</p> <p>Elizabeth Keschian</p> <p>Technological Advances in Sustainable Nutrition: Providing better health to individuals</p>	<p>...CONTINUED BY AN INTERACTIVE WORKSHOP</p> <p>Emergency Ultrasound - when, what and how?</p> <p>13:50-14:10 - 1. turnus (5 fő) 14:10-14:30 - 2. turnus (5 fő) 14:30-14:50 - 3. turnus (5 fő) 14:50-15:10 - 4. turnus (5 fő)</p> <p>- Összesen max. 20 fő - Előjelentkezés szükséges / Pre-registration is required (Regisztrációs pultnál/ At registration desk)</p>
15:30 - 16:30	<p>PS1. Poster session I. (Biochemistry-Biophysics-Cell Biology-Immunology)</p> <p>15:30-15:35 EN Simultaneous antithrombotic and antifibrinolytic effects of tranexamic acid in an in vivo thrombosis model</p> <p>(1) <u>Petra Csikos</u>, (1,2) Kata Balog Virag, (1,2,3) Alexandra Raska, (1) Krisztian Balint, (1) Kraszimir Kolev, (1,2,4) Nikolett Wohner</p> <p>((1) Semmelweis University, Department of Biochemistry, Budapest, Hungary, (2) HCEMM-SU Thrombosis and Hemostasis Research Group, Budapest, Hungary, (3) Semmelweis University, Department of Internal Medicine and Hematology, Budapest, Hungary, (4) South-Pest Central Hospital National Institute of Hematology and Infectology, Budapest, Hungary)</p>	<p>PS2. Poster Session II. (Behaviour Sciences-Microbiology-Oncology-Pathology)</p> <p>15:30-15:35 HU Fecal microbiota transplantation in Inflammatory Bowel Disease</p> <p><u>Anna Pető</u>, Zoltán Péterfi MD</p> <p>(Department of Infectious Diseases, University of Pécs Medical School)</p> <p>15:35-15:40 HU NLRP3 inflammasome protein expression in pancreatic neoplasms</p> <p><u>Anna Flóra Nagy</u>, László Péter Jordán, Kristóf Németh, Katalin Borka, István Kenessey, András Kiss, András Budai</p> <p>(Department of Pathology, Forensics and Insurance Medicine, Semmelweis University, Budapest)</p>

15:35-15:40 **EN** The metabolic characteristics of alpha-ketoglutarate-dehydrogenase E2+/- and E3+/- double heterozygous knockout mice

(1) Rebeka Sára Orova, (2) Dániel Gáspár, (3) Márton Kokas, (4) Mozaffaritabar Soroosh, (5) Zsolt Radák 2, (6) Tímea Komlódi, (7) László Tretter

((1) Institute of Biochemistry and Molecular Biology, Semmelweis University, Budapest, (2) Research Center for Molecular Exercise Science, Hungarian University of Sports Science Budapest)

15:40-15:45 **EN** Genetically modified macrophages for tumor therapy

István Révész

(Debreceni egyetem/University of Debrecen)

15:45-15:50 **EN** Investigation of Cutibacterium acnes induced innate immune memory (IIM) responses in human keratinocytes

Anett Magvari, Fanni Balog, Lilla Erdei, Bolla Beáta Szilvia, Katalin Burián, Lajos Kemény, Kornélia Szabó

(Szegedi Tudományegyetem/University of Szeged, Szent-Györgyi Albert Orvostudományi Kar)

15:50-15:55 **EN** Testing of dopamine-coupled, dual-targeted polipeptide nanocarriers on the cultured model of the blood-brain barrier

Emese Kincses Páli, Dr. Mária Mészáros, Dr. Mária A Deli, Dr. Szilvia Veszelka

15:40-15:45 **HU** Rare case of tamoxifen associated drug induced lung injury

Tóth-Kovalik Bálint, Dr. Balázs Máté Ádám

(Department of Internal Medicine and Oncology, Oncology Unit, Pharmacovigilance and Patient Safety Research Group)

15:45-15:50 **EN** Longitudinal detection of gait alterations associated with hypertension-induced cerebral microhemorrhages in mice: predictive role of stride length and stride time asymmetry and increased gait entropy

(1) Anna Ungvari, (1) Peter Mukli, (2) Stefano Tarantini, (3) Anna Csiszar

((1) Department of Preventive Medicine and Public Health, Semmelweis University, (2) Department of Neurosurgery, University of Oklahoma Health Sciences Center, (3) Department of Translational Medicine, Semmelweis University)

15:50-15:55 **EN** Investigation of temperature-dependent vasomotor responses to hydrogen sulphide (H₂S) by using a novel heat-exchanger in wire myography

Kazushi Ogasawara, Leonardo Kelava, András Garami

(Department of Thermophysiology, Institute for Translational Medicine, Medical School, University of Pécs, Hungary)

15:55-16:00 **HU** Optimising Laser Speckle Contrast Imaging (LSCI) for the Semmelweis Study: effects of resistance training and hand dominance

Attila Kállai, Anna Ungvári, Sándor Márton

(Semmelweis Egyetem Megelőző Orvostani és Népegészségtani Intézet)

	<p>(Szegedi Tudományegyetem/University of Szeged, Szent-Györgyi Albert Orvostudományi Kar)</p> <p>15:55-16:00 HU Nimodipine is protective against spreading depolarization and neuroinflammation</p> <p><u>Anna Zsigmond</u>, Dr. Rita Frank, Prof. Dr. Eszter Farkas</p> <p>(Szegedi Tudományegyetem/University of Szeged, Szent-Györgyi Albert Orvostudományi Kar)</p> <p>16:00-16:05 HU Localization of peroxidasin in cell culture systems</p> <p><u>Lili Hegedüs</u></p> <p>(Department of Physiology, Semmelweis University)</p> <p>16:05-16:30 Szünet/Break</p>	<p>16:00-16:05 HU The impact of the COVID-19 pandemic on physiological health in cancer patients</p> <p><u>Dr. Marietta Kékes-Szabó</u></p> <p>(University of Szeged)</p> <p>16:05-16:30 Szünet/Break</p>
<p>16:30 - 17:30</p>	<p>PS3. Poster session III. (Dermatology-Internal Medicine- Family Medicine- Obstetrics&Gynecology- Rheumatology)</p> <p>16:30-16:35 EN Investigation of gut microbiome composition and the relationship between serum and fecal calprotectin in patients with psoriasis</p> <p><u>Tamara Érseki</u>, Dr. András Bánvölgyi, Dr. Norbert Kiss, Dr. Fanni Meznerics</p> <p>(Department of Dermatology, Venereology and Dermatocology, Semmelweis University)</p> <p>16:35-16:40 Dopamine agonist-resistant prolactinoma: early recognition and timely multimodality therapy for optimal outcome</p> <p><u>(1) Victoria Leiti</u>, (2) Dr. Nikolette Szücs MD, PhD</p>	<p>PS4. Poster Session IV. (Anatomy-Dentistry-Neurology- Radiology)</p> <p>16:30-16:35 EN Radioembolization in hepatocellular carcinoma</p> <p><u>Boglárka Tóth</u> (1), Dr Petra Sólymos (2), Dr András Bibok (3), Dr Sándor Czibor (4), Dr. Domonkos Nádasdy-Hortváth (4), Dr Dávid Korda (3), Gabriella Taba (5), Dr Dénes Horváthy (3)</p> <p>((1) Faculty of Medicine, Semmelweis University (2) Department of Radiology, Medical Imaging Centre, Semmelweis University (3) Department of Interventional Radiology, Semmelweis University (4) Department of Nuclear Medicine, Medical Imaging Centre, Semmelweis University (5) Radiation Protection Service, Directorate of Patient Care Services, Semmelweis University)</p>

((1) Faculty of Medicine, Semmelweis University, (2) Department of Internal Medicine and Oncology, Semmelweis University)

16:40-16:45 HU Investigation of carbohydrate metabolism disorders in adult Williams-Beuren syndrome patients

Majláty Bence

(Department of Internal Medicine and Oncology, Semmelweis University, Faculty of Medicine)

16:45-16:50 EN The effects of semaglutide treatment on LDL- and HDL-cholesterol subfractions in type 2 diabetes

Adrienn Harsányi, László Tóth, Ágnes Molnár, Hajnalka Lőrincz, Anita Szentpéteri, Sára Csiha, Attila Csaba Nagy, Mariann Harangi, Ferenc Sztanek

(University of Debrecen Clinical Center, Department of Internal Medicine, Division of Metabolic Diseases)

16:50-16:55 HU Examination of PACAP in exosomes of human milk samples of preterm newborns

(1) Boglarka Toth, (2) Beata Polgar, (1) Tunde Toth, (3) Fruzsina Fonai, (3) Zsuzsanna Somoskoi, (1) Dora Reglodi, (1) Andrea Tamas

((1) Department of Anatomy, HUN-REG-PTE PACAP Research Team, Centre for Neuroscience, University of Pecs Medical School (2) Department of Medical Microbiology and Immunology, Clinical Centre, University of Pecs Medical School (3) Department of Obstetrics and Gynaecology, Clinical Centre, University of Pecs Medical School)

16:35-16:40 EN Female sex is an independent mortality reducing factor in patients treated with endovascular stroke therapy for cerebral large vessel occlusion in a single high-volume center

András Borbély, Álmos Bata, Henriette Mészáros, Péter Orosz, Zoltán Kővári, Péter Pál Böjti, Máté Kondor, Ákos Kornfeld, Zsolt Berentei, István Szikora, Klaudia Vivien Nagy, Pál Ábrahám, Béla Péter Merkely, Sándor Nardai

(Heart and Vascular Centre of Semmelweis University, Budapest; Department of Neurosurgery and Neurointervention, Semmelweis University, Budapest)

16:40-16:45 HU Optimization of ultrahigh-resolution coronary CT angiographic images using an ex vivo model

Dalma Tóth

(Department of Medical Imaging, Semmelweis University)

16:45-16:50 HU Diagnostics of haemorrhagic complications after recanalization in ischaemic stroke

András Fekete, Arnold Tóth, Andrea Trajtler

(Department of Medical Imaging, Clinical Center, University of Pécs)

16:50-16:55 EN Comparative study of the ventral tegmental area in wild type and pituitary adenylate cyclase-activating polypeptide (PACAP) knockout mice

Marcell Schmidt, Daniel Pham, Balazs Daniel Fulop, Balazs Gaszner, Tunde Toth, Dora Reglodi, Andrea Tamas

(Department of Anatomy, HUN-REG-PTE PACAP Research Team, Centre for

<p>16:55-17:00 HU Health-related quality of life (HRQoL) in patients with systemic sclerosis</p> <p><u>Tornyos Karolina</u></p> <p>(Department of Rheumatology and Immunology, PTE ÁOK)</p> <p>17:00-17:05 HU Hand function testing in patients inflicted with systemic sclerosis and rheumatoid arthritis</p> <p><u>Mózer Veronika</u>, Prof. Dr. Varjú Cecília, Dr. Szabó Attila</p> <p>(Department of Rheumatology and Immunology, University of Pécs)</p>	<p>Neuroscience, Medical School, University of Pécs)</p> <p>16:55-17:00 EN Optimization of an ischemic retinopathy mouse model and the consequences of hypoxia in a time-dependent manner</p> <p><u>Inez Bosnyak MD</u>, Nelli Farkas, Dorottya Molitor, Balazs Meresz, Evelin Patko, Tamas Atlasz, Alexandra Vaczy, Dora Reglodi</p> <p>(Department of Anatomy, HUN-REN-PTE PACAP Research Team, Medical School, University of Pécs; Institute of Bioanalysis, Medical School, University of Pécs; Department of Sportbiology; Faculty of Sciences, University of Pécs)</p> <p>17:00-17:05 EN Impedance based dentin thickness measurements</p> <p><u>Noémi Bereczki</u></p> <p>(Department of Oral Diagnostics, Semmelweis University)</p> <p>17:05-17:10 HU Long-term detection of eluted monomers, initiators, and inhibitors from Various Types of Dental Resin Composites</p> <p><u>Anna Wágner</u>, Katalin Böddi, Edina Lempel</p> <p>(Medical School, University of Pécs; Department of Medical Chemistry, Medical School, University of Pécs; Department of Restorative Dentistry and Periodontology, Medical School, University of Pécs)</p>
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Break / Szünet

19:00 - 21:00 Gálavacsora / Gala dinner

21:00 - Kötetlen beszélgetés/ Meet and Greet

2024. szeptember 7. szombat 7 September 2024 Saturday

	HÁGA TEREM	BREDA TEREM
08:00 - 12:00	Regisztráció / Registration	
9:30 - 10:30	Prof. Forbath Péter megemlékezés /In memoriam Professor Peter Forbath	
10:30 - 11:30	<p>PS5. Poster session V. (Cardiology)</p> <p>10:30-10:35 EN Comparison of Cerebral Microembolization Patterns Using RFA and PFA Atrial Fibrillation Ablation Techniques with Robotic Transcranial Doppler Assistance - Initial Results</p> <p><u>Álmos Bata</u>, András Borbély, Henriette Mészáros, Péter Vámosi, Ferenc Komlósi, Patrik Tóth, Nándor Szegedi, Zoltán Salló, Péter Perge, László Gellér, Zsombor Simon, Sándor Nardai, Klaudia Vivien Nagy</p> <p>(Városmajor Heart and Vascular Center, Semmelweis University)</p> <p>10:35-10:40 HU Magnetic resonance imaging characteristics of ischemic scar tissue in patients with malignant arrhythmia</p> <p><u>Hunor Ilonczai</u> Benedek Imre, Keresztesi-Kis Dávid, Szabó Evelin</p> <p>(The George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş; Cardiology Clinic, Cardiomed Healthcare and Research Centre County Emergency Clinical Hospital of Târgu Mureş)</p>	<p>WS3. HMAA Buffalo exchange program session</p> <p>Dr. Pop Marcell Igazgató, Semmelweis Egyetem Nemzetközi Kapcsolatok Igazgatósága</p> <p>11:30-12:00 Szünet/Break</p>

10:40-10:45 EN A dual-task deep learning model to accurately assess biventricular ejection fractions from single-view echocardiographic videos

Luca Szávaj, Sander Lundegaard, Ádám Szijártó, Bálint Magyar, Máté Tolvaj, Bálint K. Lakatos, Alexandra Fábián, Tetsuji Kitano, Yosuke Nabeshima, Juan I. Cotella, Federico M. Asch, Karima Addetia, Zsolt Bagyura, Masaaki Takeuchi, Roberto M. Lang, Béla Merkely, Attila Kovács, Márton Tokodi

(Heart and Vascular Center, Semmelweis University; Faculty of Information Technology and Bionics, Pázmány Péter Catholic University, Budapest, Hungary; Department of Cardiology and Nephrology, Wakamatsu Hospital, University of Occupational and Environmental Health, Kitakyushu, Japan; Second Department of Internal Medicine, School of Medicine, University of Occupational and Environmental Health, Kitakyushu, Japan; Noninvasive Cardiac Imaging Laboratory, University of Chicago Medical Center, Chicago, IL, USA; Health Research Institute, MedStar Health and Georgetown University, Washington, DC, USA; Department of Laboratory and Transfusion Medicine, Hospital of University of Occupational and Environmental Health, Kitakyushu, Japan)

10:45-10:50 HU Identification of cardioprotective matrix metalloproteinase-2 and biglycan-associated microRNAs by reverse prediction in a porcine acute myocardial infarction model

Bence Pósa, Tamara Szabados, Péter Bencsik

(Department of Pharmacology and Pharmacotherapy, University of Szeged)

10:50-10:55 EN The Impact of Coronary Revascularization on Atrial Fibrillation

Daniel Maráczi, Tamas Koleszar, Nandor Szegedi, Balint Szilveszter, Istvan Osztheimer, Alexisz Panajotu, Gabor Szeplaki, Adam Levente Jermendy, Laszlo Geller, Bela Merkely, Szilvia Herczeg, Zsofia Dora Drobni

(Heart and Vascular Centre, Semmelweis University, Budapest; Mater Private Hospital and Royal College of Surgeons in Ireland, Dublin)

10:55-11:00 EN Safety and feasibility of zero-fluoroscopy technique in ablation-index guided pulmonary vein isolation: a prospective, single center trial

Dalma Torma MD, Botond Bocz, Dorottya Debreceni, Kristof-Ferenc Janosi, Tamás Simor, Péter Kupo

(Heart Institute, Clinical Center, University of Pécs)

11:00-11:05 EN Impact of Cancer Cachexia on Cardiac Health in Eosophageal Cancer Patients: A Prospective Pilot Study

Tamás Koleszár, Dániel Maráczi, Drobni Zsófia Dóra

(Department of Cardiology, Semmelweis University)

11:05-12:00 Szünet/Break



12:00-15:00 Ebéd / Lunch

	HÁGA TEREM	BREDA TEREM
<p>12:00 - 13:00</p>	<p>PS6. Poster session VI. (Anesthesiology-Intensive Care-Emergency Care-Neurosurgery-Surgery-Traumatology)</p> <p>12:00-12:05 HU Viscoelastometry guided thrombolysis therapy for pulmonary embolism - new protocol: a single-center randomised controlled trial</p> <p><u>János Domonkos Stubbnya</u>, Hanna Dóra Szász (Department of Intensive Therapy, Semmelweis University)</p> <p>12:05-12:10 EN Time dependent changes of serum (neuro)biomarkers during non-sustained pulseless ventricular tachycardia caused cerebral hypoperfusion</p> <p><u>Ábel Papp MD</u>, Levente L. Horváth, Cristopher Kristály, Zsófia Nagy, István Német, Tünde Pintér, Krisztina Amrein, Endre Czeiter, Róbert Debreczeni, Zoltán Vámos</p> <p>(Department of Anesthesiology and Intensive Therapy, Medical School, University of Pécs; Department of Laboratory Medicine, Medical School, University of Pécs; Gottsegen National Cardiovascular Center, Budapest, Hungary; Neurotrauma Research Group, Szentágotthai Research Center, University of Pécs; Department of Neurology, Semmelweis University; National Ambulance Service, Hungary)</p> <p>12:10-12:15 EN Time-dependent changes of S100B and NSE neurobiomarker serumkinetics after severe brain injury in emergency department</p> <p><u>Ábel Papp MD</u>, Levente Horváth, Cristopher Kristály, Laura Béri, Orsolya</p>	<p>PS7. Poster session VII. (Pediatrics-Prevention-Orthopedics)</p> <p>12:00-12:05 HU Mobility of the sacroiliac joint in healthy young adults</p> <p><u>Viktória Nyakas</u>, Ádám T. Schlégl, Flóra Mészöly, Gábor Bencze, Mihály Kökényesi</p> <p>(Department of Orthopedics, Pécs; Department of Surgery, Medical Centre, Hungarian Defence Forces; Department of Medical Imaging, University of Pécs; Department of Medical Imaging, Saint George Hospital, Székesfehérvár)</p> <p>12:05-12:10 HU Findings about management of septic processes affecting native shoulder joints and periarticular regions</p> <p><u>Anna Hunkár</u>, Imre Sallai, Viktor Weninger, Eszter Tulassay, Imre Antal, Gyula Prinz, Gábor Skaliczki</p> <p>(Septic Unit, Department of Orthopaedics, Semmelweis University)</p> <p>12:10-12:15 EN Investigation of inflammasome activity in rodent models of Duchenne muscular dystrophy</p> <p><u>Artúr Tóth</u>, Zsófia Gulyás-Onódi, Petra Lujza Szabó, Dániel Kucsera, Péter Pokreisz; Christopher Dostal, Karlheinz Hilber, Gavin Y. Oudit, Bruno K. Podesser, Péter Ferdinandy, Zoltán Varga, Attila Kiss</p> <p>(1 Department of Pharmacology and Pharmacotherapy, HCEMM-SE Cardiometabolic Immunology Research Group, Semmelweis University; 2 Center for Biomedical Research, Medical University of Vienna)</p>

Nagy, Péter Kanizsai, Zsófia Nagy, Krisztina Amrein, Zoltán Vámos

(Department of Anaesthesiology and Intensive Therapy, Medical School, University of Pécs; Department of Emergency Medicine, Medical School, University of Pécs; Department of Laboratory Medicine, Medical School, University of Pécs; Szentágothai János Research Centre, Neurotrauma Research Group, Medical School, University of Pécs; National Ambulance Service, Hungary)

12:15-12:20 **EN** Exploring the Predictive Value of NLR for Septic Complications in Pancreatic Cancer: A Non-Conventional Approach

Kata Várady-Szabó, Martin Rozanovic, Csaba Loibl

(Department of Anaesthesiology and Intensive Therapy, Medical School, University of Pécs)

12:20-12:25 **HU** Monitoring apixaban serum levels and efficacy in patients after pulmonary embolism

Hanna Dóra Szász, János Domonkos Stubnya

(Department of Anaesthesiology and Intensive Therapy, Semmelweis University)

12:25-12:30 **HU** Possibilities of omitting Sentinel lymph node biopsy in patients operated for malignant breast cancer

Anna Erdodi, Zoltan Horvath

(Department of Surgery, University of Szeged)

12:15-12:20 **EN** The effectiveness of phenobarbital in neonatal seizures caused by hypoxic-ischemic encephalopathy

Barna Péter Hegyi, Ünőke Méder

(Pediatric Center, Semmelweis University)

12:20-12:25 The Assessment of Incidence and Risk Factors of Retinopathy of Prematurity

Aliz Pándi

(The George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş)

12:25-12:30 **EN** Prenatal diagnostics of congenital heart failures in Hungary

Letícia Anna Bagó, Alexandra Turi

(Gottsegen National Cardiovascular Center)

12:30-12:35 **EN** Roma Ethnicity and Childhood Deficiencies: Public Health Insights from Hungary

Norihiro Ikegami, Darina Deák, Tamás Horváth, Ákos Koller

(Department of Morphology & Physiology, Institute of Translational Medicine; ELKH-SE Cerebrovascular and Neurocognitive Disorders Research Group, Semmelweis University; Research Center for Sports Physiology, Hungarian University of Sports Science, Budapest)

12:35-14:00 Szünet/Break

	<p>12:30-12:35 EN Effect of BGP-15 on the regeneration of arterial microvascular anastomoses in rats</p> <p><u>Le Tran Linh Dan</u>, Fazekas L.A., Peto A., Varga A., Bedocs-Barath B., Matrai A.A., Filler Cs., Juhasz T., Bacskay I.K., Nemeth N.</p> <p>(Department of Operative Techniques and Surgical Research, Faculty of Medicine, University of Debrecen; Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Debrecen; Department of Anatomy, Histology and Embryology, Faculty of Medicine, University of Debrecen)</p> <p>12:35-12:40 EN Stem cell therapy for complex perianal fistulas in Crohn's disease</p> <p><u>Elisabeth Garcia</u></p> <p>(Department of Surgery, University of Pécs)</p> <p>12:40-13:10 Szünet/Break</p>	
<p>13:10 - 15:00</p>	<p>WS3. EMERGENCY QUIZ</p> <p>13:10-13:40</p> <p>Dr. Kanizsai Péter</p> <p>Head of the Emergency Department of the Department of Emergency Medicine of the PTE Clinical Center</p>	<p>WS4. ORVOSI JOG GYAKORLATI SZEMMEL</p> <p>14:00-15:00</p> <p>Dr. Kovács György</p> <p>PPKE-JÁK, CEU CELAB, President of the Hungarian Fulbright Association, Attorney at Law, Budapest</p>

15:00-16:00 Waffle Party



<p>16:10-17:10</p>	<p>Ceremony Session: Awards</p> <p>Moderátor/Moderator: <i>Gabor Horvath, MD</i></p> <p>16:10-17:00 Eredményhirdetés / Announcement of the awardees</p> <p>17:00-17:10 Zárszó / Closing remarks Dr Kanizsai Péter</p>
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HALLGATÓI KÉPVISELŐI PÁLYÁZAT



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