

THE HUNGARIAN MEDICAL ASSOCIATION OF AMERICA



CURRENT DEVELOPMENTS IN BIOMEDICAL AND CLINICAL SCIENCES

53rd ANNUAL SCIENTIFIC MEETING

**October 23 –28, 2022
Sandcastle Resort at Lido Beach,
Sarasota, Florida**

**CME provided by the Department of Continuing Medical Education,
Jacobs School of Medicine,
State University of New York at Buffalo, Buffalo, New York**

THE HUNGARIAN MEDICAL ASSOCIATION OF AMERICA

THE BOARD OF TRUSTEES

Officers

President

Ivan Harangozo, MD

President-Elect

Zsolt Garami, MD

Secretary

Geza Acs, MD, PhD

Treasurer

Louis Huzella, DVM

Board of Directors

Zoltan Gombos, MD

Ildiko Halasz, MD

Stephen Mechtler, MD

Istvan Somkuti, MD, PhD

Board Alternates

Szilard Kiss, MD

Andras Sandor, MD

Agnes Virga, MD

Committee Chairs

Irene and Ivan Krisztinicz

Student Exchange Program

Laszlo Mechtler, MD

Zsolt Garami, MD

Fellowship Program

Zsolt Garami, MD

Membership

Stephen Mechtler, MD

Scientific Program

Istvan Stadler, PhD

Janos Tanyi, MD, PhD

Social Functions

Kinga Huzella, MD

Awards and Publications

Istvan Somkuti, MD, PhD

Public Relations

Alexander Matolcsy, MD

Sarasota Outreach

Andrea Varga, MD

Board Liaisons

Germany

Gyorgy Kovacs, MD

Hungary

Laszlo Csathy, MD, PhD

Gabor Horvath, MD, PhD

Gyorgy Panyi, MD, PhD

David Tarnoki, MD, PhD

Romania

Bela Szabo, MD

Slovakia

Viera Lehotska, MD, PhD

New England Chapter

President

Ildiko Halasz, MD

Chesapeake Bay Chapter Co-Presidents

Kinga Huzella, MD

Klara Mark, DBH, LCPC

Hungary Chapter President

Akos Koller, MD, PhD

Presidential Advisory Council Chair

Andras Khor, MD, PhD

WELCOME...

Dear Colleagues and Friends,

Welcome back my friends to one of our homes, Sarasota!

During the 53rd Annual Conference, ready yourselves to rekindle friendships, resume clinical discussions, learn a touch and most of all recharge your batteries to improve the care you provide daily.

It is surreal to imagine that after 20 years as Treasurer and now having fulfilled your honorable request as your President, the mantle may be passed onto the able shoulders of Drs. Garami and Acs! My greeting to you wishes to share milestone accomplishments of the organization over the past few years.



The website has been expertly redesigned to maintain archives, register new members, allow for abstract submission, as well as be the repository of most of our societal information! Member connectivity is also a benefit for those who wish.

A third chapter of the HMAA has been founded in the Chesapeake region of the mid Atlantic, thanks to the hard work of two individuals!

After a pivot the organization took just before the turn of the century, to provide for improved health care in Hungary, the HMAA solidified the student exchange program and as of today, the HMAA now has an actual home for students who study in Buffalo, NY. The home should allow us to even propagate the financial benefit/assets of the society, long into the future.

Over the past years we have been graced by the presence of Rectors and Deans of Hungarian and American universities, the President of Hungary, multiple Ambassadors to the United States, a Nobel prize winner, congratulatory letters from Senators and Governors, a multiple Olympic gold medal winner coach and so before I leave, a child born to Hungarian parents in the United States, I would appreciate sharing the rest of my heritage from a fellow Croatian/Hungarian/American during the social program and banquet this year!

We are grateful for our benefactors, thankful for those who led and taught us and I bid All, congratulations on a job well done and implore you all to contribute time, ideas and continued support to your organization!

It is your Society!

Jó munkát!

Szeretettel!

A handwritten signature in black ink, reading "Ivan Harangozo". The signature is written in a cursive, flowing style with a large initial "I" and a prominent "H".

Ivan Harangozo, MD

President of HMAA



LOCATION

The Sandcastle Resort at Lido Beach

1540 Ben Franklin Drive, Lido Beach, Sarasota, FL 34236

Tel: 941-388-2181

Fax: 941-388-2655

Categories of rooms are:	Gulf-view	\$170/day
	Pool-side, Court-side	\$150/day
	North-Side	\$130/day
		+ tax

Please identify yourself as an attendee of our meeting to get the special conference rate.

Please note that participants need to register for the Meeting to receive the discounted conference rate.

CME ACCREDITATION

ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the State University of New York at Buffalo Jacobs School of Medicine and Biomedical Sciences and the Hungarian Medical Association of America. The State University of New York at Buffalo Jacobs School of Medicine and Biomedical Sciences is accredited by the ACCME to provide continuing medical education for physicians.

CERTIFICATION

The State University of New York at Buffalo Jacobs School of Medicine and Biomedical Sciences designates this live activity for a maximum of **TBD AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

HMAA 2022 Educational Objectives:

By the end of this activity participants will be able to gain information about the following subjects:

1. The latest developments and benefits of clinical modalities in cardiology and vascular surgery.
2. Latest developments and clinical applications in ophthalmology.
3. New developments in basic biomedical sciences and translational research and their clinical relevance (including Young Investigators' session).
4. Recent developments of onco-pathology, including new diagnostic approaches to various cancers and their applications in clinical practice.
5. Recent technical advances in medicine and their potential applications in patient care.
6. Update in the latest developments and new procedures in surgery and clinical applications of novel procedures.
7. Developments and challenges facing current Health Care Systems in North America and Europe.
8. New aspects of hospital medical practice, new options in general health care service and the utilization of the new application in public health care.
9. New techniques in medical imaging and their clinical applications.

DISCLOSURE

In accordance with HMAA policy and the Accreditation Council for Continuing Medical Education requirements on disclosure, presenters must inform the audience about any relevant relationship with companies whose products or services they may discuss.

GUIDELINES FOR CME PRESENTERS

Disclose relationships with companies

1. Make sure the audience knows about your relationship with companies whose products or services you may discuss (even generally). Such relationships include: membership on a speaker's bureau, advisory board, consultant, research support, funding for clinical trials, travel grants.

2. If you have NO relationship with companies whose products you discuss the audience needs to know that.

Identify off-label and investigational uses of products

Present valid clinical content

1. Incorporate levels of evidence into CME presentations especially those dealing with patient care recommendations.
2. Make sure that your recommendations involving patient care are based on evidence that is accepted within the profession of medicine as having adequate justification for their indications and contraindications in the care of patients.

Avoid

1. Methods that are known to have risks or dangers that outweigh the benefits.
2. Methods that are known to be ineffective.

Challenge other presenters and participants who fail to provide valid evidence for their opinions or recommendations by questioning the validity of their data or, better, offering valid data

BUSINESS MEETINGS

BOARD OF TRUSTEES' MEETINGS

1. **Monday**, October 24, 2022, 6:00pm
Conference Room
3. **Friday**, October 28, 2022, immediately following the scientific program
Coffee Shop

MEMBERSHIP MEETING

Wednesday, October 26, 2022, immediately following the scientific program
Conference Room
All members are expected to attend!

SOCIAL FUNCTIONS

Sunday, October 23, 2022

5:00pm-7:00pm

OPENING RECEPTION

Candlelight Restaurant and Poolside in the Sandcastle Resort

Wednesday, October 26, 2022

Traditional Water Polo Game

4:00pm-5:30pm

Langos and palacsinta by the pool

TRVTKO – TÚL MINDEN HATÁRON

6:00pm

**Special Presentation by Vujity Trvtko, Joseph Pulitzer Award Winner
Author and Journalist**

Conference Room, Sandcastle Resort

Thursday, October 27, 2022

6:00pm-10:00pm

GALA DINNER WITH COCKTAIL HOUR at the Sarasota Yacht Club

Keynote Speaker: Vujity Trvtko

Friday, October 28, 2022

6:00pm-12:00am

CLOSING PARTY

Candlelight Restaurant and Poolside in the Sandcastle Resort

Music Provided by Talfi Music Productions

REGISTRATION

Registration Fees

	On-Line Pre-Registration	On Site
Regular Member*	\$500	\$750
Non-Member	\$800	\$1050
Retired Member*	\$350	\$485
Members from Hungary*	\$350	\$500
Non-Members from Hungary	\$500	\$750
Retired Members from Hungary*	\$250	\$350
Residents, Fellows and Health Related Professionals	\$200	\$300
Students (valid ID is needed)	Free	\$50

***Member registration fees apply to those members who had paid their annual membership dues for 2022.** The registration fee includes the Opening Reception; other social functions are payable separately.

Social Events

Opening Reception for Guests	\$50
Dinner at Salute Restaurant	TBA
Gala Dinner	\$125
Closing Party	\$75

All participants of the meeting should register.

Make checks payable to HMAA. Payments by credit card are accepted on-line on the <https://hmaa.org> website.

On-site Registration will be open on Sunday, October 23, from 12:00pm to 4:00pm and Monday through Friday before the start of the scientific sessions.

PLEASE NOTE: Continental Breakfast will be served every morning before the scientific session in the conference room. Coffee, tea, and refreshments will be served during the coffee break.

ORGANIZATION OF THE 53rd ANNUAL SCIENTIFIC MEETING

MEMBERS OF THE 2022 SCIENTIFIC PROGRAM COMMITTEE:

Ivan Harangozo, MD	<i>President, Ex-Officio</i>
Geza Acs, MD, PhD	Pathology, Oncology
Gyorgy Baffy, MD, PhD	Hepatology, Gastroenterology, Internal Medicine
Zsolt Garami, MD	Medical Imaging
Istvan Somkuti, MD, PhD	Gynecology-Obstetrics
Istvan Stadler, PhD	Scientific Program Chair

ABSTRACT ISSUE OF THE ARCHIVES OF THE HMAA:

Istvan Somkuti, MD, PhD, Editor-in-Chief
Geza Acs, MD, PhD, Co-Editor

SOCIAL PROGRAM:

Kinga Huzella, MD

MEETING ORGANIZATION:

Agnes Stadler, PhD

HUNGARIAN MEDICAL ASSOCIATION OF AMERICA PRIOR AWARDEES

HONORARY PRESIDENTS

†William Ganz, MD
†Eszter Kokas, MD
†Hans Selye, MD
Peter Forbath, MD
†Irene L. Krisztinicz, MD

HONORARY VICE-PRESIDENTS

†John W. Ertl, MD
†Thomas Fried, MD

HONORARY MEMBER

Joseph G. Sinkovics, MD

WILLIAM GANZ AWARD

2019 Bela Merkely, MD, PhD

LIFETIME ACHIEVEMENT AWARDS

2010	†Janos W. Ertl, MD Kamill Gal, MD
2011	Peter Forbath, MD †Stephen Frater, MD
2012	†Irene L. Krisztinicz, MD Alexander Matolcsy, MD
2013	Karoly Kismartoni, MD Istvan Stadler, PhD
2014	†Tamas Lajos, MD
2015	Vilmos Dani, MD
2016	†Peter Petrusz, MD
2017	Peter Leidl, MD
2018	Laszlo Mechtler, MD

HUNGARIAN MEDICAL ASSOCIATION OF AMERICA STUDENT AWARDS

In 2010 the Hungarian Medical Association of America established travel awards for young investigators studying outside the USA and Canada to participate and present at our yearly scientific meeting.

THE IRENE AND IVAN KRISZTINICZ MD MEMORIAL STUDENT AWARD

(Sponsored by the HMAA)

2010	Karoly Nemeth
2011	Marton Pipicz
2012	Adam Jermendy
2013	Kornel Danos
2014	Agnes Hunyady
2015	Andras Sziraki
2016	Balazs Szabo
2017	David Keller
2018	Zsafia Nozomi Karadi
2019	Benjamin Hajnal
2020	Balint Lippai
2021	Marton Czikkely
2022	Zalan Petnehazy

THE HMAA SCIENTIFIC STUDENT TRAVEL AWARD (DEBRECEN)

(Sponsored by Geza Acs, MD, PhD and Peter Acs, MD, PhD)

2010	Edit Nagy
2011	Rita Oravec
2012	Alexandra Kiss
2013	Attila Liptak
2014	Vivien Stercel
2015	Istvan Bojti
2016	Laszlo Szivos
2017	Dora Bencze
2018	Zsuzsanna Kolostyak
2019	Emese Papp
2020	Reka Palatka
2021	Melinda Rostas

**THE STUDENT SCIENTIFIC AWARD OF THE HMAA
(MAROSVÁSÁRHELY)**

(Sponsored by Gyorgy Baffy, MD, PhD, Past President of HMAA)

2013	Ildiko A. Benedek
2014	Nimrod Tubak
2015	Marta Gencsi
2016	Istvan Madar Zsigmond Kalman
2017	Timea B. Forro Emoke Fodor
2018	Mihai Iuliu Harsa
2019	Annamaria Kiss Andrea-Kinga Papp

THE ZOLTAN GOMBOS TRAVEL FUND AWARD (POZSONY)

(Sponsored by Zoltan Gombos, MD)

2015	Balazs Galfy
2018	Tomas Brngal

THE HMAA NORTH AMERICAN STUDENT AWARD

(Sponsored by the HMAA)

2019	Veronica Frank
2022	Tom Werber

**PROF DR EVA OLAH MEMORIAL AWARD (HUNGARIAN
NATIONAL STUDENT SCIENTIFIC CONFERENCE)**

(Sponsored by Geza Acs, MD, PhD and Peter Acs, MD, PhD)

2021	Bence Cs. Szabo
-------------	------------------------

SCIENTIFIC PROGRAM OF THE 53rd ANNUAL SCIENTIFIC MEETING

MONDAY, OCTOBER 24, 2022

8:00am-8:50am Registration

9:00am **Opening Remarks by the President of HMAA**
Ivan Harangozo, MD

MULTIDISCIPLINARY SESSION I

Moderator: Laszlo Nagy, MD, PhD and Gabor Zoltay, MD

- 9:10am **A Pioneer Life to Serve Surgery – George Berci Is 102 Years Old**
Jozsef Sandor, MD, PhD, J., Kaposzta, Z. and Sandor, A. (1)
- 9:30am **Theta Burst Brain Stimulation: The Fastest Treatment for Long Lasting Depression**
Patrick Bodrog (2)
- 9:45am **N,N-Dimethytriptamine (DMT) Effect on Blood-Brain Barrier Following Transient Brain Ischemia in Rats**
Mate Pal Bago, MS, Zatik, V., Nardai, S. and Laszlo, M. (3)
- 10:00am **N,N-Dimethytriptamine (DMT) Effects on Infarct Size and Functional Recovery Following Transient Focal Brain Ischemia in Rats**
Vilmos Zatik, MS, Bago, M.P., Nardai, S. and Laszlo, M. (4)
- 10:15am **Lifestyle Medicine – Is This the Way?**
Lorand Kristof, MD, MSc (5)
- 10:35am **Endovascular Retrieval of a Fractured Inferior Vena Cava Filter Using Endobronchial Forceps and Intra-Operative Cone-Beam Image Guidance**
Peter Osztrogonacz, MD, Philip, A., Leena, M., Ponraj, M., Garami, Z. and Lumsden, A. (6)
- 10:55am **Questions & Answers**
- 11:10am **Coffee Break**
- 11:25am **Nociceptin is More Than Just Nociception**
Tariq, S. and Ernest Adeghate, MD, PhD (7)
- 11:45am **Comparative Analysis of Monkeypox Virus Infection of Cynomolgus Macaques by the Intravenous or Intrabronchial Inoculation Route**
Louis Huzella, DVM and Johnson, R. (8)
- 12:05pm **Regenerative Inflammation: When Immune Cells Help to Re-**

Build Tissues

Laszlo Nagy, MD, PhD (9)

12:25pm **Mind**

Gabor Zoltay, MD (10)

12:45pm **Questions & Answers**

1:00pm **Adjournment**

TUESDAY, OCTOBER 25, 2022

8:00am-8:50am Registration

MULTIDISCIPLINARY SESSION II

Moderators: Zoltan Gombos, MD, PhD and Andras Sandor, MD

- 9:00am **Introduction**
Zoltan Gombos, MD, PhD
- 9:05am **The Role of Salvage Surgery in Advanced Head and Neck Cancer**
Ladislav Czako, MD, PhD, MPH, Galis, B., Simko, K., Sovis, M. and Vidova, I. (11)
- 9:25am **Predicting Success of TAVR with a New Outcome Measure**
Zsolt Garami, MD, Juhasz, L., Kovacs, N., Izygon, J. and Lumsden, A. (12)
- 9:45am **Phase 3, Randomized, Single-Dose, Open-Label Study to Investigate the Safety and Efficacy of Pafolacianine Sodium Injection (OTL38) for Intraoperative Imaging of Folate Receptor Positive Ovarian Cancer**
Janos Tanyi, MD, PhD (13)
- 10:05am **Weight Regain After Bariatric Surgery (or “OMG I Had Weight Loss Surgery and Gained My Weight Back”)**
Edward Hatchigian, MD (14)
- 10:25am **Questions & Answers**
- 10:40am **Coffee Break**
- 10:55am **Connective Tissue Disease-Associated Interstitial Lung Disease (CTD-ILD)**
Andras Khor, MD, PhD (15)
- 11:15pm **The Feasibility and Safety of Ventral Hernia Repair in Morbidly Obese Patients**
Andras Sandor, MD (16)
- 11:35am **Drug-Resistant Epilepsy – Do We have Any Chance to Treat It?**
Gabor Zoltay, MD (17)
- 11:55am **Current Plastic Surgery Approach to Treating Gynecomastia and the Male Chest**
George Marosan, MD (18)
- 12:15pm **Massive Rotator Cuff Repair, Transosseous Repair – Challenge, Technique and Results**
Gyorgy Kovacs, MD, Kremer, M. and Kallos, E. (19)
- 12:35pm **Questions & Answers**
- 12:50pm **Adjournment**

WEDNESDAY, OCTOBER 26, 2022

8:00am-8:50am Registration

YOUNG INVESTIGATORS' MULTIDISCIPLINARY SESSION

Moderators: Geza Acs, MD, PhD and Zsolt Garami, MD

- 8:30am **Introduction**
Geza Acs, MD, PhD
- 8:35am **Effect of Microdomain-Forming Lipids on the Membrane Localization and Gating of Voltage-Gated Ion Channel**
Bence Cs. Szabo, MD, Kovacs, T., Szekelyhidi, V., Varga, Z., Panyi, G. and Zakany, F. (20)
Winner of the 2021 Prof. Dr. Eva Olah Memorial Award
- 8:50am **Systemic Investigation of Resistance Processes Against New Antibiotics Targeting Critical Priority Pathogens**
Marton Czikhely, MS (21)
Winner of the 2021 Irene and Ivan Krisztinicz MD Memorial Award
- 9:05am **Mental Health, Treatment Compliance and the Relationship with the Therapist in the Course of Simonton-Training for Oncologic Patients**
Petra Harasztosi, MS (22)
Winner of the 2022 HMAA Student Scientific Travel Award
- 9:20am **The Role of Thymosin Beta-4 in Healing Middle Ear Lesions in Mammals**
Balint Lippai, MD, B., Bako, P., Kramer, S., Nagy, J. and Bock-Marquette, I. (23)
Winner of the 2020 Irene and Ivan Krisztinicz MD Memorial Award
- 9:35am **Effect of Sleep Deprivation on the Neurovascular Connection**
Reka Palatka, MD (24)
Winner of the 2020 HMAA Student Scientific Travel Award
- 9:50am **Alteration of Visuo-Spatial System as an Early Marker of Cognitive Decline: A Double Center Neuroimaging Study**
Tom Werber, MS, Horvath, A. and Kamondi, A. (25)
Winner of the 2022 HMAA North American Student Award
- 10:05am **Examination of Extracellular Matrix Molecules in Grade II and Grade III Oligodendrogliomas**
Melinda Rostas, MSC, Szivos, L., Meszar, Z., Arkosy, P., Klekner, A. and Virga, J. (26)
Winner of the 2021 HMAA Student Scientific Travel Award

- 10:20am **Questions & Answers**
- 10:35am **Coffee Break**
- 10:50am **Allogeneic Hematopoietic Stem Cell Transplantation from Matched Related Donors for Acute Myeloid leukemia – Single Center Experience**
Balazs Galfy, MD, Lukas, J., Sopko, L., Labska, L., Rohon, P. and Batorova, A. (27)
- 11:05am **Liquid Biopsy-Based Detection and Monitoring of EZH2 Gene Mutations in Follicular Lymphoma**
Laura Kiss, MS, Nagy, A., Batai, B. and Bodor, C. (28)
- 11:20am **Jugular Venous Reflux – A Pitfall of TCD Bubble Study**
Lilla Juhasz, MD, Kovacs, N., Osztrogonacz, P., Izygon, J., Chan To, S. and Garami, Z. (29)
- 11:35am **Transcranial Doppler Ultrasound Monitoring During Transcarotid Artery Revascularization**
Nora Kovacs, MD, Osztrogonacz, P., Juhasz, L., Bavare, C., Lumsden, A. and Garami, Z. (30)
- 11:50am **Minimal Invasive Aortic Valve Surgery – One Center Study**
Akos Maklari, MS, Juhasz, B., Matlakovics, B. and Szolnoky, J. (31)
- 12:05pm **Weather Parameters and Cardiovascular Morbidity: A Bayesian Approach**
Daniel Soti, MS, Sipos, B., Kreinicker, K., Sotonyi, P. and Szilagyi, B. (32)
- 12:20pm **COVID-19 Related Dysphagia in Case of a Stroke Patient**
Andrea Kovacs (33)
- 12:35pm **Questions and Answers**
- 12:50pm **Closing Remarks and Adjournment**
Zsolt Garami, MD
- 1:00pm **ANNUAL MEMBERSHIP MEETING**
All members are expected to attend

THURSDAY, OCTOBER 27, 2022

8:00am– 8:50am Registration

AGING TARGETING THE EYE, BRAIN AND LIVER: MECHANISMS, DIAGNOSTICS AND THERAPEUTIC IMPLICATIONS

Moderators: Akos Koller, MD, PhD and Delia Cabrera DeBuc, PhD

- 8:30am **Introduction**
Akos Koller, MD, PhD
- 8:35am **The Aging Eye: Alterations in the Retinal Neurovascular Function in Individuals with Alzheimer's Disease**
Delia Cabrera DeBuc, PhD (34)
- 8:55am **Questions & Answers**
- 9:00am **New Diagnostic and Therapeutic Approaches to Age-Related Macular Degeneration**
Zoltan Zsolt Nagy, MD, PhD (35)
- 9:20am **Questions & Answers**
- 9:25am **Regular Exercise Attenuates the Age-Related Decline in Cognitive and Motor Behaviors Likely by Rescuing the Cholinergic System in the Hippocampus and Motor Cortex**
Akos Koller, MD, PhD (36)
- 9:45am **Questions & Answers**
- 9:50am **Adam17 Sheddase in Aging-Related Microvascular Disease**
Zsolt Bagi, MD, PhD (37)
- 10:10am **Questions & Answers**
- 10:15am **Data-Driven Transcriptomics Analysis Identifies PCSK9 as a Novel Target in Aging Liver**
Pal Pacher, MD, PhD (38)
- 10:35am **Questions & Answers**
- 10:40am **Coffee Break**

SPECIAL PRESENTATION

Moderator: Ivan Harangozo, MD

- 10:55am **Introduction**
Ivan Harangozo, MD
- 11:00am **New Opportunities for the Diaspora in Hungarian Higher Education**
Orsolya Pacsay-Tomassich, PhD (39)

11:30pm **Questions & Answers**

ANESTHESIOLOGY – NAVIGATING THE UNKNOWN

Moderator: Tamas Seres, MD, PhD

11:45pm **Discussion and Questions by Audience**

Panelists: Ferenc E. Gyulai, MD (40)

Ivan Harangozo, MD (41)

Tamas Seres, MD, PhD (42)

Eva Sovago-Tamas, MD (43)

Endre Tamas, MD (44)

12:45pm **Adjournment**

6:00pm **Gala Dinner with Cocktail Hour at the Sarasota
Yacht Club**

Keynote Speaker: Trvtko Vujity

FRIDAY, OCTOBER 28, 2022

8:00am-8:50am Registration

MULTIDISCIPLINARY SESSION III

Moderators: Andras Khor MD, PhD and Gyorgy Panyi, MD, PhD

- 9:00am **Introduction**
Andras Khor, MD, PhD
- 9:05am **An Incidental Finding of a Suspicious Hyperdense Focus in the Esophagus Leading to Diagnostic and Management Insecurity in a Patient with an Unknown Origin of Pneumomediastinum**
Peter Szekely, MS, Klucsai, R., Diosi, B., Pecs, B. and Perenyi, A. (45)
- 9:20am **Pancreatitis Gone Wrong: A Fatal Case of Necrotizing Hemorrhagic Pancreatitis**
Alexander Benyovszky, MD, Provenzano, M., Staniszewski, M., Brophy, A., Tripathy, S. and Cerino, M. (46)
- 9:35am **Pediatric Oncology in Hungary Now and Then**
Gabor Horvath, MD, PhD, Vojcek, A., Benedek, N., Csernus, K. and Ottófy, G. (47)
- 9:55am **Electrochemotherapy in the Management of Cutaneous Tumors – A 15-Year Single Center Experience**
Judit Olah, MD, PhD, DSc (48)
- 10:15am **New Developments in Minimally Invasive Adrenalectomy and Splenectomy at the University of Szeged Department of Surgery**
Gorgy Lazar, MD, PhD, DSc (49)
- 10:35am **Questions & Answers**
- 10:50am **Coffee Break**
- 11:05am **Identification of Protein Phosphatase Effectors Among FDA Approved Drugs: Are They Involved in Some Unidentified Side Effects?**
Ferenc Erdodi, PhD, DSc (50)
- 11:25am **The Voltage Gated HV1 H⁺ Channel Is Expressed in Tumor-Derived Myeloid-Derived Suppressor Cells**
Cozzolino, M., Bako, P., Korpos-Pintye, E. and **Gyorgy Panyi, MD, PhD, DSc** (51)
- 11:45am **Medical Education in Debrecen During the COVID-19 Pandemic**
Laszlo Matyus, MD, PhD, DSc (52)
- 12:05pm **New Insights into the Mechanobiology of Nonalcoholic Fatty Liver Disease**
Gyorgy Baffy, MD, PhD (53)

12:25pm **Questions and Answers**

12:40pm **Closing Remarks by the President-Elect and Adjournment**
TBA

FACULTY

ACS, GEZA, MD, PhD, Secretary of HMAA

Professor of Pathology and Cell Biology, University of South Florida Morsani College of Medicine and Medical Director, Women's Pathology Consultants, Ruffolo Hooper & Associates, Tampa, FL, USA
acsq@rha-pa.com; secretary@hmaa.org

ADEGHATE, ERNEST, MD, PhD (7)

Professor and Chair, Department of Anatomy, College of Medicine & Health Sciences, UAE University, Al Ain, United Arab Emirates
eadeghate@uaeu.ac.ae

BAFFY, GYORGY, MD, PhD, Past President of HMAA, Member of the HMAA Presidential Advisory Council (53)

Associate Professor of Medicine, Harvard Medical School and Chief of Gastroenterology at the VA Boston Healthcare System, Boston, MA, USA
gbaffy@partners.org

BAGI, ZSOLT, MD, PhD (37)

Professor, Department of Physiology, Medical College of Georgia at Augusta University, Augusta, GA, USA
zbagi@augusta.edu

BAGO, MATE PAL, MS (3)

Medical Student, Semmelweis University, Budapest, Hungary
bago.mate@gmail.com

BENYOVSZKY, ALEXANDER, MD (46)

Resident in Internal Medicine, Einstein Medical Center Montgomery, East Norriton, PA, USA
alex.benyovszky@gmail.com

BODROG, PATRICK (2)

Student, University of Massachusetts Amherst, Amherst, MA, USA
patbodrog@gmail.com

CABRERA DEBUC, DELIA, PhD (34)

Research Associate Professor of Ophthalmology, Bascom Palmer Eye Institute, University of Miami Miller School of Medicine, Miami, FL, USA
dcabrera2@med.miami.edu

CS. SZABO, BENEC, MD, Winner of the 2021 Prof. Dr. Eva Olah Memorial Award (20)

PhD Student, Department of Biophysics and Cell Biology, University of Debrecen, Debrecen, Hungary
cs.szabo.bence96@gmail.com

CZAKO, LADISLAV, MD, PhD, MPH (11)

Associate Professor and Chair, Department of Oral and Maxillofacial Surgery, Faculty Hospital, Comenius University, Bratislava, Slovakia
czako.ladislav@me.com

CZIKKELY, MARTON SIMON, MS, Winner of the 2021 Irene and Ivan Krisztinicz MD Memorial Award (21)

Medical Student, University of Szeged Albert Szent-Gyorgyi Medical School, Szeged, Hungary
czikkely23@gmail.com

ERDODI, FERENC, PhD, DSC (50)

Professor, Department of Medical Chemistry, President of the Students' Research Society, University of Debrecen, Debrecen, Hungary
erdodi@med.unideb.hu

GALFFY, BALAZS, MD (27)

PhD Student, Department of Hematology and Transfusiology, St. Cyril and Methodius University Hospital, Comenius University, Bratislava, Slovakia
drgalffy@gmail.com

GARAMI, ZSOLT, MD, President-Elect of HMAA, Chair of the HMAA Fellowship Committee and Co-Chair of the Irene and Ivan Krisztinicz Memorial Student Exchange Program Committee (12)

Medical Director, Vascular Ultrasound Laboratory, Allison Family Centennial Endowed Director in Cardiovascular Innovation, Houston Methodist Hospital, Houston, TX, USA
ZGarami@houstonmethodist.org

GOMBOS, ZOLTAN, MD, PhD, Member of the HMAA Board of Trustees

Lead Pathologist, Ochsner Lafayette General Medical Center, Lafayette, LA, USA
gombos_z@hotmail.com

GYULAI, FERENC E., MD (40)

Anesthesiologist, The MetroHealth System, Case Western Reserve University, School of Medicine, Cleveland, OH, USA
gyulaife@gmail.com

HARANGOZO, IVAN, MD, President of HMAA (41)

Anesthesiologist, SummaCare Specialists, Haymarket, VA, USA

iharangozo@aol.com

HARASZTOSI, PETRA, MS, Winner of the 2022 HMAA Student Scientific Travel Award (22)

Medical Student, University of Debrecen, Debrecen, Hungary

petra.harasztosi@gmail.com

HATCHIGIAN, EDWARD, MD (14)

Senior Adviser, Weight Loss Surgery Program, Department of Surgery, Beth Israel Deaconess Lahey Medical Center, Boston, MA, USA

ehatchig@bidmc.harvard.edu

HORVATH, GABOR, MD, PhD, Liaison for Hungary, HMAA (47)

Resident, Department of Pediatrics, University of Pecs, Pecs, Hungary

gabor.horvathmd@gmail.com

HUZELLA, LOUIS, DVM, Treasurer of HMAA (8)

Lead Pathologist, National Institute of Allergy and Infectious Diseases Integrated Research Facility, Frederick, MD, USA

lajos214@gmail.com

JUHASZ, LILLA, MD (29)

Postdoctoral Fellow, Department of Cardiovascular Surgery, Houston Methodist Hospital, Houston, TX, USA

lillajuhasz93@gmail.com

KHOOR, ANDRAS, MD, PhD, Immediate Past-President and Chair of the Presidential Advisory Council of HMAA (15)

Consultant, Department of Laboratory Medicine and Pathology, Mayo Clinic, Jacksonville, FL, USA

khoor.andras@mayo.edu

KISS, LAURA, MS (28)

Medical Student, Semmelweis University, Budapest, Hungary

kisslauri@gmail.com

KOLLER, AKOS, MD, PhD, President of the Hungary Chapter of HMAA (36)

Professor, Sport Physiology Research Center, Hungarian University of Sports Science, Budapest, Hungary

akos.koller@gmail.com

KOVACS, ANDREA (33)

PhD Student, Doctoral School of Health Sciences, Semmelweis University,
Budapest, Hungary
kovacs.andrea197006@gmail.com

KOVACS, GYORGY, MD, Liaison for Germany, HMAA (19)

Director and head, Main Klinik Frankfurt, Frankfurt, Germany
gekovacs@aol.com

KOVACS, NORA, MD (30)

Postdoctoral Fellow, Department of Cardiovascular Surgery, Houston
Methodist Hospital, Houston, TX, USA
norakovacsxy@hotmail.com

KRISTOF, LORAND, MD, MSc (5)

Assistant Clinical Professor, Department of Family Medicine, McMaster
University, Hamilton, ON, Canada
lorandkristof@yahoo.com

LAZAR, GYORGY, MD, PhD, DSc (49)

Professor and Chair, Department of Surgery and Dean, University of Szeged
Albert Szent-Gyorgyi Medical School, Szeged, Hungary
office.surg@med.u-szeged.hu

**LIPPAI, BALINT, MD, Winner of the 2020 Irene and Ivan Krisztinicz MD
Memorial Award (23)**

PhD Student, Department of Biochemistry and Medical Chemistry, University
of Pecs Medical School, Pecs, Hungary
balint.lippai@gmail.com

MAKLARI, AKOS, MS (31)

Medical Student, Semmelweis University, Budapest, Hungary
maklariakos9@gmail.com

MAROSAN, GEORGE, MD (18)

Plastic Surgeon in Private Practice, Bellevue Plastic Surgeons, LLC, Bellevue,
WA, USA
drgmarosan@bellevueplasticsurgeons.com

MATYUS, LASZLO, MD, PhD, DSc (52)

Professor, Department of Biophysics and Cell Biology and Dean of the Faculty
of Medicine, University of Debrecen, Debrecen, Hungary
lmatyus@med.unideb.hu

NAGY, LASZLO, MD, PhD (9)

Professor and Co-Director, Departments of Medicine and Biological Chemistry, Johns Hopkins University School of Medicine, St. Petersburg, FL, USA

lnagy@jhmi.edu

NAGY, ZOLTAN ZSOLT, MD, PhD (35)

Professor and Chair, Department of Ophthalmology, Semmelweis University, Budapest, Hungary

zoltan.nagy100@gmail.com

OLAH, JUDIT, MD, PHD, DSC (48)

Professor and Chair, Department of Oncotherapy, University of Szeged Albert Szent-Gyorgyi Medical School, Szeged, Hungary

dr.olah.judit@gmail.com

OSZTROGONACZ, PETER, MD (6)

Postdoctoral Fellow, Department of Cardiovascular Surgery, Houston Methodist Hospital, Houston, TX, USA

osztrogonaczp@gmail.com

PACHER, PAL, MD, PhD, FAHA, FAPS, FACC (38)

Professor and Head, Laboratory of Cardiovascular Physiology and Tissue Injury, National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health, Rockville, MD, USA

pacher@mail.nih.gov

PACSAY-TOMASSICH, ORSOLYA, PhD (39)

President of the Hungarian Diplomatic Academy, Ministry of Foreign Affairs and Trade, Budapest, Hungary

orsolya.pacsay@mfa.gov.hu

PALATKA, REKA, MD, Winner of the 2020 HMAA Student Scientific Travel Award (24)

Resident, Department of Dermatology, University of Debrecen, Debrecen, Hungary

palatka.reka@gmail.com

PANYI, GYORGY, MD, PhD, DSC, HMAA Liaison for Hungary (51)

Professor and Chair, Department of Biophysics and Cell Biology, University of Debrecen, Debrecen, Hungary

panyi@med.unideb.hu

ROSTAS, MELINDA, MSC, Winner of the 2021 HMAA Student Scientific Travel Award (26)

Student, University of Debrecen, Debrecen, Hungary
rostas.melinda22@gmail.com

SANDOR, ANDRAS, MD, Alternate Member of the Board of Directors of HMAA (16)

Attending Surgeon, Department of Surgery, Tufts Medical Center Community Care, Stoneham, MA, USA
andras.sandor@usa.net

SANDOR, JOZSEF, MD, PhD, FACS (1)

Professor and Scientific Advisor, Department of Surgical Research and Techniques, Heart and Vascular Center, Semmelweis University, Budapest, Hungary
sanjozs@hotmail.com

SERES, TAMAS, MD, PhD (42)

Associate Professor, Department of Anesthesiology, University of Colorado, Aurora, CO, USA
tamas.seres@ucdenver.edu

SOTI, DANIEL, MS (32)

Medical Student, Semmelweis University, Budapest, Hungary
soti.dani@gmail.com

SOVAGO-TAMAS, EVA, MD (43)

Anesthesiologist, Holyoke Medical Center, Holyoke, MA, USA
sovago_tamas_eva@holyokehealth.com

SZEKELY, PETER, MS (45)

Medical Student, University of Szeged Albert Szent-Gyorgyi Medical School, Szeged, Hungary
peterszekely@outlook.com

TAMAS, ENDRE, MD (44)

Anesthesiologist, Holyoke Medical Center, Holyoke, MA, USA
tamas_endre@holyokehealth.com

TANYI, JANOS, MD, PhD, Co-Chair of the Scientific Program Committee of HMAA (13)

Associate Professor, Department of Obstetrics and Gynecology, University of Pennsylvania Health System, Philadelphia, PA, USA
janos.tanyi@uphs.upenn.edu

WERBER, TOM, MS, Winner of the 2022 HMAA North American Student Award (25)

Medical Student, Semmelweis University, Budapest, Hungary
tomwerber9@gmail.com

ZATIK, VILMOS, MS (4)

Medical Student, Semmelweis University, Budapest, Hungary
zatic.vilmos@gmail.com

ZOLTAY, GABOR, MD (10, 17)

Chief, Department of Neurology, Nathan Littauer Hospital, Gloversville, NY, USA, USA
gabivi25@hotmail.com

Faculty list was created based on the submitted data.

PLEASE CONSIDER PARTICIPATION IN THE UPCOMING CAPITAL CAMPAIGN

DONOR Levels:

DEAN:	\$10,000
Chairman:	\$5,000
Professor:	\$2,500
Fellow:	\$1,000
Resident:	\$500

Donations can be made online on the <https://hmaa.org> website or please contact Dr. Louis Huzella, Treasurer of the HMAA.

SAVE THE DATES FOR OUR FUTURE ANNUAL SCIENTIFIC MEETINGS

**54th Annual Scientific Meeting
October 22 – October 27, 2023**

**55th Annual Scientific Meeting
October 27 – November 1, 2024**

**56th Annual Scientific Meeting
October 25 – October 31, 2025**

Hungarian Medical Association of America, Inc.

**P.O. Box 421
Amherst, NY 14226-0421**

**<https://hmaa.org>
info@hmaa.org**