

THE HUNGARIAN MEDICAL ASSOCIATION OF AMERICA



CURRENT DEVELOPMENTS IN BIOMEDICAL AND CLINICAL SCIENCES

55TH ANNUAL SCIENTIFIC MEETING

**October 27 – November 1, 2024
Lido Beach Resort
Sarasota, Florida**

SCIENTIFIC PROGRAM OF THE 55TH ANNUAL MEETING

MONDAY, OCTOBER 28, 2024

7:30 am - 9:30 am Registration

8:00am **Opening Remarks**

Zsolt Garami, MD, President of HMAA

Young Investigators' Multidisciplinary Session

Moderators: Geza Acs, MD, PhD and Stephen Mechtler, MD

8:05am **Inflammatory Biomarkers and Complement Lectin Pathway Factors in Type 2 Diabetes: A Comparative study**

Babyigit, K.

8:20am **Engineering CAR T Cells for Effective Treatment of Cancer**

Mate, V.

8:35am **Examining Interactions Between Spike Proteins of SARS-CoV-2 Variants and the ACE2 Receptor**

Kurtan, K.

8:50am **Reclassification from Severe to Moderate Aortic Stenosis Using Hybrid-AVA Technique in TAVR Patients**

Mohacsi, F.

9:05am **Regeneration of Mesothelial Cells After Peritonitis Depends on the Estrogen Level in Female Rats**

Pop, A.

9:20am **Cross-Cultural Comparison of Adolescent Mood, Stress, and Substance Use Assessment Tools: A Meta-Analysis of Instruments from the United States, Argentina, and Hungary**

Vasvari, A.

9:35am **Technological Advances in Sustainable Nutrition: Providing better health to individuals**

Keshchian, E

9:50am **Questions and Answers**

10:05am **Coffee Break**

10:20am **Application of Artificial Intelligence in the Evaluation of Chest Radiographs in Emergency Radiology**

Szekely, M.

10:35am **Investigation of the role of arylsulfatase B in the pathogenesis of prostate cancer by prediction of protein-protein interactions with artificial intelligence**

Gyorgy, T.

10:50am **Mapping the Immune Landscape of the Placenta: Could Microphysiological Systems Hold the Key to Unravelling the Fetal-Maternal Interface?**

Barath, B.

11:05am **Management of Vulvovaginal Atrophy as a Result of Breast Cancer Treatment**

Kajtar, P.

11:20am **NaV(1.5)gation Among Channel Mutations in Brugada Syndrome**

Menko, G.