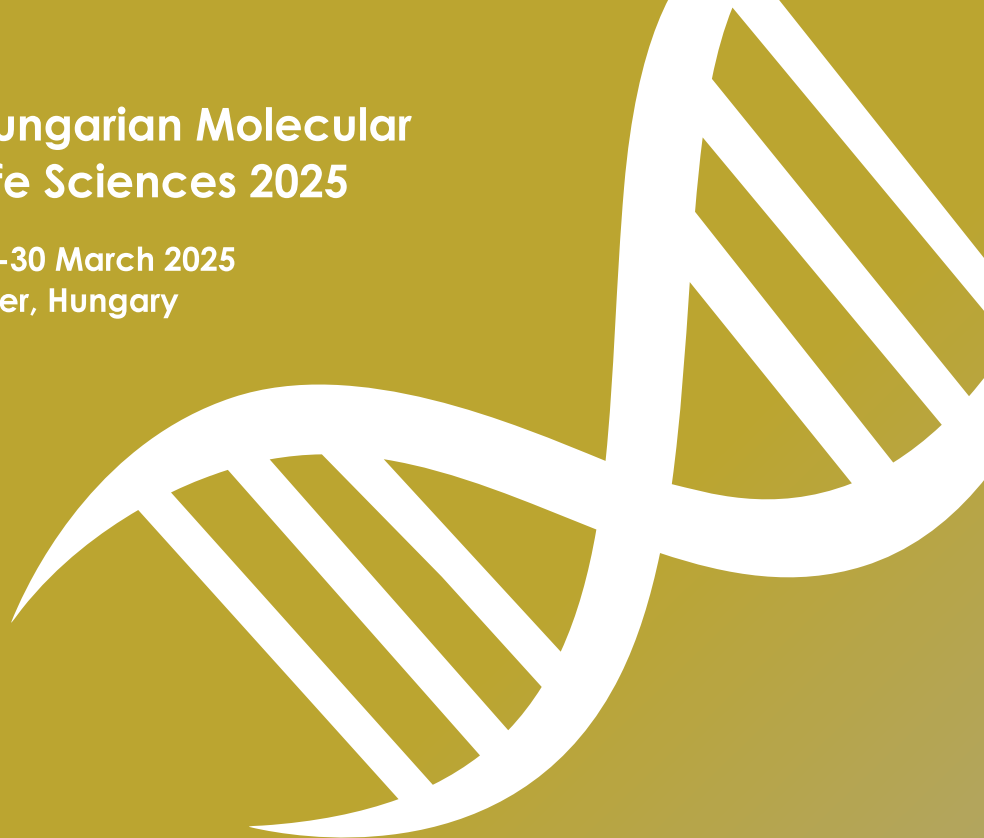


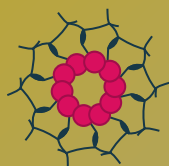
Hungarian Molecular Life Sciences 2025

28-30 March 2025

Eger, Hungary



Programme



**Hungarian
Biochemical
Society**



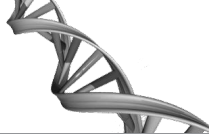
MAGE

Hungarian Genetics Society



List of posters - 28-29 March 2025

- | | |
|--------------|--|
| P-001 | Khlood Abdeldaeam
Unraveling the molecular basis of the interaction between microglia and human stem cell derived neural progenitor cells |
| P-002 | Sara Afzali Jaktajdinani
The function of WRNIP1 overexpression in human cells |
| P-003 | Habib Al Ashkar
Association of HDL subfraction profile with heart rate |
| P-005 | Yousif Qais Al-Khafaji
Upregulation of Inhibitor of DNA binding 1 and 3 is important for efficient thermogenic response in human adipocytes |
| P-006 | Attila Ambrus
Molecular dynamics study of selected disease-relevant mutations of the lipoamide acyltransferase component in the branched-chain alpha-keto acid dehydrogenase complex |
| P-007 | Md Asaduzzaman
Gut microbiome development in Hungarian Pumi puppies: insights from full-length 16S rRNA Sequencing |
| P-008 | Hédi Maczelka
Stem cell-based tissue engineering strategies for studying lamin a/c-related dilated cardiomyopathy |
| P-009 | Dóra Balogh
Investigating the role of the PDGF pathway in the hematopoiesis of <i>Drosophila melanogaster</i> |
| P-010 | Lili Fruzsina Balogh
Copine expression profiles in human epidermal melanocytes and melanoma cells |
| P-011 | Alexandra Benő
Unraveling tumor microenvironment heterogeneity in SCLC and NSCLC through single-cell RNA Sequencing |
| P-012 | Ágnes Berecz
Metallothionein as a potential marker of melanoma metastasis |
| P-013 | Blanka Berta
Interactions between the SARS-CoV-2 E protein and the SERCA regulatory system |
| P-014 | Noémi Borbély
Genetic identification of the skeletal remains of Béla, Duke of Macsó (after 1243 - 1272) |



- P-068** | **Nikolett Kovács**
Identification of markers distinguishing neuroendocrine lung tumors
- P-069** | **Patrik Kovács**
Simulated microgravity alters cartilage development and ECM organization in chondrogenesis
- P-070** | **Michal Krawczyk**
RAD17 defines a specific function of BRCA1 in suppressing spontaneous mutagenesis
- P-071** | **Dániel Krizsán**
Phage Sequence Identification Benchmarking in a High- Performance Computing (HPC) Cluster Environment of non-large language model based tools
- P-072** | **Loretta László**
Identification of core genes within the RAS effectors playing key role in colon cancer development
- P-073** | **Luca Kamilla Li**
Development of a humanized ABCC6 mutant zebrafish model for Pseudoxanthoma elasticum
- P-074** | **Moagi Mabuse**
Utility of MZmine 4.4 in library building and detection of Azathioprine metabolites in patients with Autoimmune Hepatitis
- P-075** | **Lilla Bakos**
3D primary endothelial model for toxicology and personalized drug development
- P-076** | **Valentina Madár**
Structural separation of yeast strains from mixed
- P-078** | **Léna Mészáros**
The role of mutations in the basR gene in new-generation polymyxin antibiotic resistance
- P-079** | **Abigél Mészáros**
Circulating tumor cell detection by digital PCR in ovarian cancer
- P-080** | **Regina Mező**
Investigating the interplay between Snx21 and Flotillins in endocytic trafficking
- P-081** | **Fruzsina Mógor**
The role of ECM remodelling in chronic intestinal inflammation