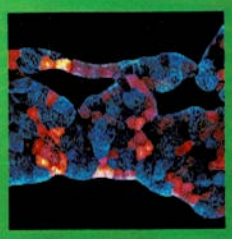
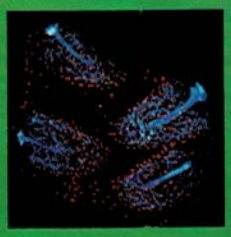
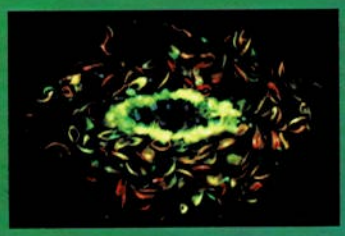
Programme

Hungarian Molecular Life Sciences 2023

24-26 March 2023
Eger, Hungary



Hungarian Biochemical Society

MAGE
Hungarian Genetics Society

List of posters - 24-25 March 2023

P-001 Dóra Halmi
Mechanism of cytoprotection by kynurenic acid against simulated ischemia/reoxygenation-induced cardiac cell damage: a focused investigation on autophagy

P-002 Marianna Holczer
The study of autophagy-dependent survival in endoplasmic reticulum stress

P-003 Fanni Keresztes
Autophagy-related small GTPase proteins' effect on *Drosophila* lifespan and Parkinson's disease model

P-004 Zoltán Köhler
Effect of tilorone on glucose homeostasis in a high-fat diet mice model

P-005 Dorina Lenzinger
MVB-like extracellular vesicles

P-006 Győző Szenci
The role of Ankyrin-repeat palmitoyl-transferases in lysosomal degradation

P-007 Szabolcs Takáts
Uncovering degradation independent functions of autophagy in cancer

P-008 Maher Alnajjar
A large family-based approach for determining the parent's haplotype, recombination events, de novo mutations, and sequencing errors detection

P-009 Ákos Dörmő
Comparison of technical approaches applied in gut microbiome analyses reveals significant inconsistencies

P-010 Tibor Hajdú
Proteomic and network biology analysis of the plasma membrane proteome in human cutaneous melanocytes and melanoma cells

P-011 Márk Kovács-Valasek
Identification of novel cryptic primycin biosynthetic gene clusters within the pseudonocardiaceae family

P-012 Balázs Liget, Zsófia Molnár
Transfer learning for microbiome based predictive disease classification

P-013 Kolos Nemes
Predicting drug response in small cell lung cancer cell lines using gene expression signatures

P-014 Erda Qorri
Decoding canine senescence: A single-cell RNA-sequencing and bioinformatics approach

P-043 Nikolett Virág
A new cell-autonomous role for the HECA orthologue, Headcase, in blood cell progenitor maintenance in the *Drosophila* lymph gland

P-044 Alexandra Gráf
Comparative analysis of BRCA1 variants of uncertain significance captured by molecular diagnostic testing

P-045 Bernadette Hotzi
Studying the role of an unknown protein in premature ageing in *Caenorhabditis elegans* model organism

P-046 Zoltán Kovács
Differential condensation features of bacterial and eukaryotic nucleoprotein coacervates reflect adaptations to genome metabolic contexts

P-047 Regina Martinek
Assessment of the mutagenic effect of Group 2A pesticides using a whole genome sequencing approach

P-048 Ádám Sánta
Investigation of the effects of small molecules that inhibit PCNA monoubiquitination in human cells

P-049 Bendegúz Szabó
Analysis of genomic rearrangement length distribution in different DNA damage tolerance pathway mutants

P-050 Alexandra Fanni Szalmás
Characterization of protein kinase and phosphatase activity in human pulmonary planocellular and adenocarcinoma

P-051 Zoltán Szeltner
Probing Telomeric-like G4 Structures with Full or Partial 2'-deoxy-5-hydroxyuridine Substitutions

P-052 Bernadett Szikriszt
Testing the effect of human germline BRCA1 mutations on genome stability in a cell line model

P-053 Eszter Bajtai
Characterization of chemotherapy-surviving tumor cells and understanding their role in relapse

P-054 Zita Bognár
Desethylamiodarone may have cytostatic potential on lung adenocarcinoma

P-055 Luca Fodor-Varga
The effects of sodium glucose cotransporter inhibitors on intestinal motility

P-056 Balázs Gombos
Application of transgenic mouse models for chemotherapy optimization