

VIRTUAL POSTER SESSIONS 1 & 2 & 3

15:15 – 16:15 (live) & Coffee breaks

POSTER SESSION 1 – DNA, miRNA and cell models

(LIVE in a zoom room at 15:15-16:15, 7 min /presenter)

Chair: Alja Videtič Paska

Tanja Blagus, Pharmacogenetics Laboratory, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Genetic polymorphisms in glucocorticoid pathway increase the risk for new onset diabetes mellitus after transplantation

Martin Šimon, Biotechnical Faculty, University of Ljubljana, Slovenia

Distinct SNP profiles in hypoxia-inducible factor 3 alpha subunit (Hif3a) gene between divergent mouse models for body fat content

Monika Banfi, Medical Centre for Molecular Biology, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Genetic variability of JAK2 gene in erythrocytosis

Matea Nikolac Perković, Laboratory for Molecular Neuropsychiatry, Division of Molecular Medicine, Ruder Boskovic Institute, Croatia

Alzheimer's disease and candidate gene analysis of DNA methylation

Teo Mlinšek, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Characterization of urinary extracellular vesicles and their microRNA cargo in patients with Fabry disease

Urban Alič, Medical Centre for Molecular Biology, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Selecting and testing miRNAs from brain tissue of suicide victims

Lucija Raspor Dall'Olio, Centre for Functional Genomics and Bio-Chips, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Escherichia coli affects expression of circadian clock genes in human hepatoma cells

Vesna Bricman, Medical Centre for Molecular Biology, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Migration assay optimization for mkn45 and mcf-10a cell lines

POSTER SESSION 2 – Transcriptome and metabolites

(LIVE in a zoom room at 15:15-16:15, 7 min /presenter)

Chair: Tadeja Režen

Matija Bajželj, Department of Rheumatology, University Medical Centre Ljubljana, Slovenia

Subtyping Patients with Immunoglobulin A Vasculitis using NGS approach

Eva Kočar, Centre for Functional Genomics and Bio-Chips, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Tackling metabolic associated liver diseases patient's stratification with transcriptome profiles

Erika Prašnikar, Department of Reproductive Medicine and Gynaecological Endocrinology, University Medical Centre Maribor, Slovenia

Molecular signature of endometrial receptivity in adenomyosis

Rok Razpotnik, Centre for Functional Genomics and Bio-Chips, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Transcriptomic changes upon the perturbation of a novel oncogenic circRNA in HCC

Tadeja Kuret, Institute of Cell Biology, Faculty of Medicine, University of Ljubljana, Slovenia

The Long Noncoding RNA HOTTIP Regulates Cell Cycle and Inflammatory Response in Hand Synovial Fibroblasts

Žiga Pušnik, Faculty of Computer and Information Science, University of Ljubljana, Slovenia

Incorporation of motif information in the gene regulatory network inference

Marija Gjorgoska, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Combined liquid chromatography-tandem mass spectrometry method for quantification of androgens and 11-oxyandrogens

Kaja Blagotinšek Cokan, Centre for Functional Genomics and Bio-Chips, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

The sterol crystallization and lipid droplets biogenesis in dysregulated cholesterol synthesis are incidental to metabolic associated liver disease progression in mice

POSTER SESSION 3 – Life sciences

(slides in the main room between coffee breaks and in a zoom room)

Denis Babič, ACIES BIO d.o.o., Slovenia

Association between genetic variability in segregation kinases and gastric cancer susceptibility

Tina Turel, Medical Centre for Molecular Biology, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

The role of non-coding regulatory regions in development of Familial erythrocytosis

Inge Sotlar, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

ACTN3 p.R577X variant is associated with frequency of injuries in Slovenian female football players

Karmen Mlinar, Medical Centre for Molecular Biology, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Analysis of cannabinoid receptors in breast cancer cell lines

Hana Trček, Centre for Functional Genomics and Bio-Chips, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Connection between cholesterol synthesis and the WNT signalling pathway

Žiga Vičič, Centre for Functional Genomics and Bio-Chips, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Slovenia

Comparing gene expression analysis by Oxford Nanopore sequencing and DNA-microarrays on hepatoma HepG2 cells with CYP51 knockout

Maja Pušić, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia

Design of 3D in vitro model of peritoneal endometriosis using bioprinting technique

Nika Janež, Department of Biotechnology, Jožef Stefan Institute, Ljubljana, Slovenia

*In vivo imaging of *Listeria innocua* biofilm by selective staining of surface components*