

Student session - Thursday 6.9.2018

| 4+1min | Name | TITLE |
|--------------------|---------------------|--|
| 13:00-13:05 | Ibrahim Karam | Small ovary (sov) regulates transposon silencing by promoting heterochromatin formation in <i>Drosophila</i> |
| 13:05-13:10 | Borkúti Péter | Testing the biological significance of the nuclear localization of actin |
| 13:10-13:15 | Kovács Zoltán | Analysis of the nuclear transport of the cytoskeletal Moesin protein |
| 13:15-13:20 | Kovarikova Petra | Analysis of Cep164 interactome identifies KIF14 as novel regulator of ciliogenesis |
| 13:20-13:25 | Annus Tamás | The role of RecQ-family helicases in the genome maintenance of zebrafish |
| 13:25-13:30 | Fedorová Veronika | Expression and Regulations of p16/INK4A in Human Embryonic and Neural Stem Cells |
| 13:30-13:35 | Lavický Josef | Expansion and response of human pluripotent stem cells in synthetic cell culture environment |
| 13:35-13:40 | Svoradova Andrea | Ultrastructure of chicken embryonic stem cells |
| 13:40-13:45 | Rabata Anas | 3D cell culture models demonstrate a role for FGFs and WNT signalling in regulation of adult lung epithelial stem cell fate |
| | | |
| 13:45-14:15 | COFFEE BREAK | |
| | | |
| 14:15-14:20 | Khan Anzer | Deciphering effects of <i>Adar</i> on <i>Drosophila</i> metamorphosis |
| 14:20-14:25 | Anand Mahek | Comparison the miRNA expression profile in chicken male and female primordial germ cells |
| 14:25-14:30 | Baldovská Simona | Phytoestrogenic Effect of Pomegranate on Human Ovarian Cells |
| 14:30-14:35 | del Llano Edgar | Age related differences in the translational landscape of mammalian oocytes |
| 14:35-14:40 | Trebichalská Zuzana | Analysis of human oocyte ultrastructure by advanced electron microscopy technologies |
| 14:40-14:45 | Bora Pablo | Deciphering the nodal role of p38 family of mitogen-activated protein kinases (MAPKs) towards specifying primitive endoderm (PrE) fate in the inner cell mass (ICM) of late-blastocyst stage mouse pre-implantation embryo |
| 14:45-14:50 | Ďuríček Tomáš | DNA damage checkpoints in early mammalian embryos |
| 14:50-14:55 | Florek Wiesława | Blastomere removal from 8-cell stage embryos programs post-natal body weight, food intake and the level of leptin in mice |
| 14:55-15:00 | Knoblochová Lucie | The Role of CDC25A Phosphatase in Meiosis and First Embryonic Division in Mouse |
| | | |
| 15:00-15:30 | COFFEE BREAK | |
| | | |
| 15:30-15:35 | Tetková Anna | FSH influences amino acid incorporation in mammalian oocyte and early embryo |
| 15:35-15:40 | Macháčová Simona | Evolution of gene network regulating gastrulation: Insights via <i>Chordin</i> |
| 15:40-15:45 | Stachowiak Anna | Differentiation potential of rabbit inner cell mass |
| 15:45-15:50 | Winiarczyk Dawid | <i>SIRT1</i> may control apoptosis resistance in preimplantation mouse development |
| 15:50-15:55 | Knop Filip | <i>Caenorhabditis elegans</i> SEL-5 kinase role in antero-posterior cell outgrowth and migration |
| 15:55-16:00 | Henry Surya | Characterization of cardiac transcription factor PLAGL1, a newly identified putative downstream target of RYBP |

Student session - Thursday 6.9.2018

| | | |
|--------------------|------------------------------|--|
| 16:00-16:05 | Kovács Tamás | Intraganglionic macrophages: a new population of cells in the enteric ganglia |
| 16:05-16:10 | Drozdová Angelika | Development of melatonin rhythm in the pineal gland of chick embryos incubated under different wavelength of light |
| 16:10-16:15 | Pejtsik Diána | Early-life social isolation-induced serotonergic deficits and their behavioural consequences in zebrafish (<i>Danio rerio</i>) |
| 16:15-16:20 | Zietek Marta | Effect of advanced maternal age on reproductive outcomes in a mouse model of autism |
| 16:20-16:50 | COFFEE BREAK | |
| 16:50-16:55 | Nickl Petr | The role of transcription factors of Meis family during development of neural crest cells in <i>Danio rerio</i> |
| 16:55-17:00 | Fabik Jaroslav | Inactivation of Meis2 in neural crest cells results in craniofacial developmental defects |
| 17:00-17:05 | HAMPL Marek | Ciliary protein TMEM107 regulates rostro-caudal patterning in craniofacial development |
| 17:05-17:10 | Dalecká Linda | Incisor development in <i>Eda</i> mutants |
| 17:10-17:15 | Steklíková Klára | Early tooth development and segmentation of oral epithelium in mice |
| 17:15-17:20 | Kavková Michaela | Digital dissection of 3D model of mouse skeleton: x-ray micro computed tomography analysis |
| 17:20-17:25 | Sumbal Jakub | Deciphering Roles of FGF Signaling in Mammary Gland Development |
| 17:25-17:30 | Radaszkiewicz Tomasz | The role of RNF43/ZNRF3 in non canonical Wnt signaling and its impact on human melanoma |
| 17:30-22:00 | ROUND TABLE WITH BEER | |