



Ph.D. Day 2024 - programme

Liběchov, September 12th

9:00 – 9:15	Marcela Buchtová/ Michal Kubelka	WELCOME		
Session 1 – chairman: Andrej Šušor				
9:15 – 9:25	HOLUBOVÁ KATEŘINA	Chromosome dynamics and integrity in early embryos	1.	LID - Drutovič
9:25 – 9:35	SETHI MOHIN	Regulation of Spindle assembly and chromosome segregation in mammalian oocyte meiosis	1.	LID - Drutovič
9:35 – 9:45	ZIMČÍK DAVID	SATB2 as a Key Molecule Driving Developmental, Pathological, and Regeneration Processes	2.	LMM - Buchtová
9:45 – 10:00	HORÁKOVÁ ADÉLA	Spindle assembly checkpoint in early development	5.	LRBD - Anger
10:00 – 10:15	KULIK DANIEL	Fluctuating asymmetry as a measure of evolutionary adaptation of sexually and clonally reproductive fish (Cobitis, Cypriniformes)	5.	LNE - Janko
10:15 – 10:45	COFFEE BREAK			
Session 2 – chairman: Dávid Drutovič				
10:45 – 11:00	LABAJOVÁ VERONIKA	Reproductive strategies and inheritance of celibate genomes in lower vertebrates	5.	LGR - Choleva
11:00 – 11:15	NEMESH YAROSLAV	Study of the hydroxyapatite drusen formation in the RPE cell culture as a hallmark of the dry form of AMD	6.	LBRP - Klíma
11:15 – 12:15	TEREZA ŠÍMOVÁ	Navigating the world of open publishing: How to identify a trustworthy journal	INVITED SPEAKER	Institute of Philosophy, CAS, Stop Predatory practices
12:15 – 13:30	LUNCH			
Session 3 – chairman: Barbora Vošlajerová				
13:30-15:00	POSTER SESSION ABUHAJIAR SALIM - Characterization of growth and spontaneous regression of cutaneous melanoma BRYMOVÁ ANNA – Human iPSC-derived RPE cells transplantation as a potential advanced medicinal therapy product for treatment of Age related macular degeneration ČÍŽKOVÁ VERONIKA – Cutaneous melanoma microenvironment in the MeLiM model HUTEČKOVÁ BARBORA - The role of SHH in dental and vestibular morphogenesis in the incisor area during early development KOLESNIKOVA ANASTASIJA – Unique molecular features of Huntington’s disease knock-in minipig model KONEČNÁ MARKÉTA – Regulation of Separase activity during early development			

	PAVLICA TOMÁŠ – Make it make sense: An unusual karyotypic variability in banjo catfish Bunocephalus aloikae NYSHCHUK RUSLAN - Characterization and Gene Therapy of Usher Minipig Model			
Session 4 – chairman: Marcela Buchtová				
15:00 – 15:15	VAŠKOVIČOVÁ MICHAELA	Genome integrity in development, aging and diseases	9.	LID- Drutovič
15:15 – 15:30	ČERVENKA JAKUB	Human neural stem cell differentiation	9.	LAPA - Suchá
15:30 – 15:45	NGUYEN THE DUONG - ONLINE	Isolation of Neuron precursor cells from adult Pig and Monkey's Filum Terminale	7.	LBPR - Motlík
15:45 – 16:00	DA CRUZ MARCOS RAFAEL - ONLINE	Does biogeographic history provision adaptive genomic variation? A case study in bank voles from Great Britain	5.	LME - Kotlík
16:00 – 16:30	ŠUŠOR ANDREJ	IGA GRANTS and discussion about Ph.D.		
16:30	POT PARTY			

.....