List of Posters

	Presenting author	Title of poster
P1	Mahek Anand	Comparison the miRNA expression profile in chicken male and female primordial germ cells
P2	Tamas Annus	The role of RecQ-family helicases in the genome maintenance of zebrafish
Р3	Janka Babelova	Can maternal obesity influence the effect of Fipronil on in vitro development of mouse
		preimplantation embryos?
P4	Csaba Bajusz	The biological significance of the nuclear localization of an actin-binding cytoskeletal protein
P5	Simona Baldovska	Phytoestrogenic Effect of Pomegranate on Human Ovarian Cells
P6	Tomas Duricek	DNA damage checkpoints in early mammalian embryos
P7	Melinda Bence	Role of Su(var)2-10 gene in germ cell development of Drosophila melanogaster
P8	Pablo Bora	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
P9	Peter Borkuti	Testing the biological significance of the nuclear localization of actin
P10	Linda Dalecka	Incisor development in Eda mutants
P11	Angelika Drozdova	Development of melatonin rhythm in the pineal gland of chick embryos incubated under different wavelength of light
P12	Jana Dumkova	Development of tooth-bone interface in reptiles
P13	Jaroslav Fabik	Inactivation of Meis2 in neural crest cells results in craniofacial developmental defects
P14	Veronika Fedorova	Expression and Regulations of p16/INK4A in Human Embryonic and Neural Stem Cells
P15	Katarzyna Filimonow	EMT (epithelial-mesenchymal transition) in mouse blastocyst
P16	Wiesława Florek	Blastomere removal from 8-cell stage embryos programs post-natal body weight, food intake
		and the level of leptin in mice
P17	Marek Hampl	Ciliary protein TMEM107 regulates rostro-caudal patterning in craniofacial development
P18	Katalin Turmer	In vivo examination of membrane nanotubes in developing zebrafish embryos
P19	Laszlo Henn	A novel approach to investigate the effects of Histone post-translational modifications in Drosophila
P20	Surya Henry	Characterization of cardiac transcription factor PLAGL1, a newly identified putative downstream target of RYBP
P21	Zuzana Holubcova	From totipotency to pluripotency: non-invasive time-lapse imaging provides insight into initial stages of human life
P22	Karam Ibrahim	Small ovary (sov) regulates transposon silencing by promoting heterochromatin formation in Drosophila
P23	Rajan Iyyappan	Reprograming of translation during oogenesis and embryogenesis
P24	Andras Jipa	Characterization of mutant alleles of Atg8 genes in Drosophila melanogaster
P25	Aneta Suwinska	The role of Fgf4/MAPK signaling pathway in regulation of development of mouse chimeric embryo
P26	Michaela Kavkova	Digital dissection of 3D model of mouse skeleton: x-ray micro computed tomography analysis
P27	Anzer Khan	Deciphering effects of Adar on Drosophila metamorphosis
P28	Michael Killinger	Gene expression profiling of anterior-posterior differences in early limb bud
P29	Veronika Kinterova	Polyspermy in bovine zygotes after SCF complex inhibition
P30	Katarzyna Klimczewska	The role of paracrine interactions involving FgfR1 and FgfR2 receptors in regulation of development of the preimplantation mouse embryo
P31	Lucie Knoblochova	The Role of CDC25A Phosphatasein Meiosis and First Embryonic Division in Mouse
P32	Filip Knop	Caenorhabditis elegans SEL-5 kinase role in anterio-posterior cell outgrowth and migration
P33	Marketa Koncicka	Detection of Lamin C2 in the mouse oocyte

P69	Veronika Sumberova	The role of HIF-1 α in early neurogenesis
P68	Alexandra Brigitta Szarka-Kovacs	The role of Mesr4 in stem cell differentiation
		in vitro cardiac differentiation
P67	Viktoria Szabo	Lack of RYBP impairs sarcomere formation and the development of multiple cell types during
P66	Andrea Svoradova	Ultrastructure of chicken embryonic stem cells
P65	Gergo Kovacs	Proteomic approaches to identify new interactors of Rybp during neuronal specification
P64	Marek Supak	Function of Cdk12 during mammary gland development in mice
P63	Jakub Sumbal	Deciphering Roles of FGF Signaling in Mammary Gland Development
P62	Klara Steklikova	Early tooth development and segmentation of oral epithelium in mice
P61	Anna Stachowiak	Differentiation potential of rabbit inner cell mass
P60	Iva Sovadinova	Advanced <i>in vitro</i> model of Leydig cell development for male reproductive toxicity assessment
P59	Tomasz W. Radaszkiewicz	The role of RNF43/ZNRF3 in non canonical Wnt signaling and its impact on human melanoma
	Radaszkiewicz	cardiomyogenesis of mouse embryonic stem cells
P58	Katarzyna Anna	Transient hypoxia drives a ventricular-like cardiomyocyte phenotype in in vitro
P57	Deborah Beckerová	Phorbol ester increases cardiomyogenesis in mES cells through ERK signalling
P56	Anas Rabata	3D cell culture models demonstrate a role for FGFs and WNT signalling in regulation of adult lung epithelial stem cell fate
P55	Viktorie Psutkova	The unique development of the primary mouth in basal ray-finned fishes
P54	Leszek P. Pryszcz	Deciphering the role of RNA editing in vertebrate development
P53	Vladimir Soukup	Patterning of teeth at the dichotomy of ray- and lobe-finned fishes
P52	Anna Pospisilova	Comparative cranial skeletogenesis in non-teleost fishes: towards understanding of developmental strategies of fish craniofacial diversity
P51	Jozef Pisko	Morphological assessment phagocytized apoptotic cells in mouse blastocysts
P50	Diana Pejtsik	Early-life social isolation-induced serotonergic deficits and their behavioural consequences in zebrafish (<i>Danio rerio</i>)
		gene expression and phenotypic divergence of lipid droplets in cumulus cells
P49	Piotr Pawlak	The influence of stearic and oleic fatty acids supplementation on early embryo development,
P48	Kristyna Olbertova	The expression of stem cell markers during odontogenesis
P47	Monika Novakova	Deficiency of Cdk13 leads to improper organogenesis and late embryonic lethality in mice
P46	Petr Nickl	The role of transcription factors of Meis family during development of neural crest cells in Danio rerio
P45	Matej Murin	Developmental potential of porcine oocytes from large and small follicles
P44	Simona Machacova	Evolution of gene network regulating gastrulation: Insights via <i>Chordin</i>
P43	Bernadette Luza	New cell dynamics during the enamel patterning using live cell imaging
P42	Edgar del Llano	Age related differences in the translational landscape of mammalian oocytes
P41	Petra Lesakova	Metabolic restriction influences phenotype of embryonic stem cell-derived cardiomyocytes?
		environment
P40	Josef Lavicky	Expansion and response of human pluripotent stem cells in synthetic cell culture
P39	Marie Landova	Regulation of complex tooth shape during reptile odontogenesis
P38	Michaela Kunova Bosakova	Loss of GRK2 produces asphyxiating thoracic dystrophy via impaired Hedgehog and canonical Wnt signaling
P37	Veronika Kovarikova	Glutamic acid can influence development of preimplantation embryo in vitro
P36	Petra Kovarikova	Analysis of Cep164 interactome identifies KIF14 as novel regulator of ciliogenesis
P35	Zoltan Kovacs	Analysis of the nuclear transport of the cytoskeletal Moesin protein

P70	Bertalan Takacs	Investigating the role of polycomb protein Rybp in neural progenitor formation
P71	Anna Tetkova	FSH influences amino acid incorporation in mammalian oocyte and early embryo
P72	Tereza Toralova	Protein degradation during bovine preimplantation development
P73	Zuzana Trebichalska	Analysis of human oocyte ultrastructure by advanced electron microscopy technologies
P74	Jaromir Vasicek	Ultrastructural characterization of rabbit adipose tissue derived mesenchymal stem cells
P75	Giorgio Virnicchi	The Role of WWC2 during preimplantation mouse embryo
P76	Dawid Winiarczyk	SIRT1 may control apoptosis resistance in preimplantation mouse development
P77	Oldrich Zahradnicek	Continuously replacing dentition in anoline lizards: the way to change teeth shapes
P78	Marta ZietPaek	Effect of advanced maternal age on reproductive outcomes in a mouse model of autism
P79	Krystyna Zyzynska- Galenska	The influence of pluripotency state of mouse ESCs on their ability to colonize blastocysts
P80	Barbora Putnova	WNT signaling in pathogenesis of odontogenic tumors