

List of Current PhD Students

Antošová Barbora	Faculty of Science, Charles University Topic: Role of Meis transcription factors in eye development Supervisor: Z. Kozmik
Ballek Ondřej	Faculty of Science, Charles University Topic: Characterization of the mechanism regulating the translocation of signaling molecules to lipid rafts Supervisor: D. Filipp
Bambousková Monika	Faculty of Science, Charles University Topic: Structure-function relationships between signalosomes in activated mast cells Supervisor: Pe. Dráber
Bartoň Tomáš	IT Faculty, Czech Technical University in Prague Topic: Meta optimizations for cluster analysis Supervisor: P. Kordík , P. Bartůněk
Benada Jan	Faculty of Science, Charles University Topic: Molecular mechanisms of checkpoint signalling and termination Supervisor: L. Macůrek
Bhattacharyya Shohag	Faculty of Science, Charles University Topic: Molecular analysis of gene variegation in stem cell lineages Supervisor: K.Chawengsaksophak
Bražina Jan	Faculty of Science, Charles University Topic: Role of DAXX protein in the regulation of gene expression Supervisor: L. Anděra
Burdová Kamila	Faculty of Science, Charles University Topic: Role of RECQLY protein in genome stability maintenance Supervisor: P. Janščák

Černohorská Markéta	Faculty of Science, Charles University Topic: Mechanisms regulating microtubule formation Supervisor: Pa. Dráber
Dányi István	First Faculty of Medicine, Charles University Topic: Palmitoylation of immunocyte signalling proteins Supervisor: T. Brdička
Dobeš Jan	Faculty of Science, Charles University Topic: The role of enteric alpha-defensin expression in the establishment of central and peripheral tolerance Supervisor: D. Filipp
Dráberová (Horáková) Helena	Faculty of Science, Charles University Topic: Role of 4.1R protein in chemotaxis and antigen activation of mast cells Supervisor: Pe. Dráber
Drobek Aleš	Faculty of Science, Charles University Topic: Effects of protein interactions of Csk tyrosine kinase with adaptor proteins on leukocyte signalling pathways Supervisor: T. Brdička
Dušková Eva	Faculty of Science, Charles University Topic: The role of promoter in the regulation of alternative splicing Supervisor: D. Staněk
Fabian Peter	Faculty of Science, Charles University Topic: Characterization of the genetic components of amphioxus visual machinery and its impact on the theory of eye evolution Supervisor: Z. Kozmik
Fábryová Helena	Faculty of Science, Charles University Topic: Characterization and epigenetic regulation of mammalian endogenous retroviruses Supervisor: D. Elleder
Faltusová Barbora	Faculty of Science, Charles University Topic: Molecular basis of mouse hybrid sterility Supervisor: J. Forejt

Flachs Petr	Faculty of Science, Charles University Topic: Molecular characterization of the mouse Prdm9 gene and its product Supervisor: J. Forejt
Fukalová (Hofmannová) Jana	Faculty of Science, Charles University Topic: Role of actin-binding proteins in the nucleus Supervisor: P. Hozák
Gabajová Blanka	Faculty of Science, Charles University Topic: Development of tools (based on aptamers) for targeting senescent and cancer cells Supervisor: Z. Hodný
Gergelits Václav	First Faculty of Medicine, Charles University Topic: Identification and characterization of non-reciprocal meiotic recombination products Supervisor: J. Forejt
Grešáková Veronika	Palackeho University Olomouc Topic: Functional characterization of D14 Abb1e Supervisor: T. A. Epp
Hájková Alena	Second Faculty of Medicine, Charles University Topic: Characterization of the molecular components of cannabinoid signalling Supervisor: J. Blahoš
Hájková Zuzana	Faculty of Science, Charles University Topic: Regulatory mechanisms of microtubule reorganization in activated mast cells Supervisor: Pa. Dráber
Hozeifi Samira	Faculty of Science, Charles University Topic: Alternative splicing regulation Supervisor: D. Staněk
Hron Tomáš	Faculty of Science, Charles University Topic: Study of a novel polymorphic endogenous whitetail retrovirus Supervisor: D. Elleder

Imrichová Terezie	Faculty of Science, Charles University Topic: Response of metastatic prostate cancer cell lines to genotoxic stress Supervisor: Z. Hodný
Jeřábková Kateřina	Faculty of Science, Charles University Topic: Analysis of the effects of CRMP2 gene isoforms on the growth and development of axons and dendrites in semaphorin 3A gradient Supervisor: M. Balaščík
Kalasová Ilona	Faculty of Science, Charles University Topic: Relationship between myosin IC and phospholipids in the cell nucleus Supervisor: P. Hozák
Kalendová Alžběta	Faculty of Science, Charles University Topic: Molecular characterization of nuclear myosin Supervisor: P. Hozák
Kardošová Miroslava	Faculty of Science, Charles University Topic: The role of the transcription factor CEBP in hematopoiesis and leukemia Supervisor: M. Alberich - Jorda
Kašpárek Petr	Faculty of Science, Charles University Topic: Study of the patho-physiological function of kallikrein 5 using a conditionally deficient mouse model Supervisor: R. Sedláček
Klímová Lucie	Faculty of Science, Charles University Topic: Role of the Pax6 gene in eye evolution Supervisor: Z. Kozmik
Konířová Jana	Faculty of Science, Charles University Topic: DISP3 function in neural cells Supervisor: P. Bartůněk
Košař Martin	First Faculty of Medicine, Charles University Topic: Mechanism of cell senescence induced by oncogenes and mitogens Supervisor: J. Bártek

Kovářová Denisa	Faculty of Science, Charles University Topic: Transcriptional regulation of retroviruses Supervisor: J. Hejnar
Králová Jarmila	Faculty of Science, Charles University Topic: Negative regulation of leukocyte signal transduction by transmembrane adaptor proteins Supervisor: T. Brdička
Krausová Michaela	Faculty of Science, Charles University Topic: Study of the migration and invasiveness of colorectal cancer cells Supervisor: J. Turečková
Kurey Irina	Third Faculty of Medicine, Charles University Topic: Genes modifying the susceptibility to <i>Leishmania</i> infection Supervisor: M. Lipoldová
Kuželová Andrea	Faculty of Science, Charles University Topic: Gene regulatory networks controlled by transcription factor Pax6 in embryonic eye development Supervisor: Z. Kozmik
Kyjacová Lenka	Faculty of Science, Charles University Topic: Mechanism of cancer resistance Supervisor: Z. Hodný
Liegertová (Horejsková) Michaela	Faculty of Science, Charles University Topic: Characterization of the amphioxus phototransduction cascade Supervisor: Z. Kozmik
Louňková Anna	Faculty of Science, Charles University Topic: Retroviral splicing Supervisor: J. Svoboda
Malinová Anna	Faculty of Science, Charles University Topic: Formation of splicing machinery in health and disease Supervisor: D. Staněk
Marášek Pavel	Institute of Chemical Technology in Prague Topic: Nuclear functions of paxilin and other actin-binding proteins Supervisor: P. Hozák

Mašek Jan	Faculty of Science, Charles University Topic: Role of TCF in eye evolution Supervisor: Z. Kozmik
Miklík Dalibor	Faculty of Science, Charles University Topic: to be specified Supervisor: J. Hejnar
Moudrá Alena	Faculty of Science, Charles University Topic: to be specified Supervisor: Z. Hodný
Naháčka Zuzana	Faculty of Science, Charles University Topic: Activation and regulation of TRAIL-induced apoptosis in cancer stem cells Supervisor: L. Anděra
Nejepínská Jana	Faculty of Science, Charles University Topic: ds RNA-activated cellular pathways in mammalian cells Supervisor: P. Svoboda
Oltová Jana	Faculty of Science, Charles University Topic: Analysis of Disp3 function in <i>D. rerio</i> Supervisor: P. Bartůněk
Oujezdská (Balounová) Jana	Faculty of Science, Charles University Topic: Identification of embryonal macrophage-specific genes and their role in regulation of embryonal homeostasis Supervisor: D. Filipp
Pachl Petr	Institute of Chemical Technology in Prague Topic: Study of the interaction of medicinally relevant proteins with their specific ligands Supervisor: J. Brynda
Paulenda Tomáš	Faculty of Science, Charles University Topic: Role of the ORMDL3 protein in mast cell activation Supervisor: Pe. Dráber
Pecháčková Soňa	Faculty of Science, Charles University Topic: Structure and functions of protein phosphatases responding to DNA damage Supervisor: L. Macůrek

Pergner Jiří	Faculty of Science, Charles University Topic: Study of the regulatory networks on the eye model Supervisor: Z. Kozmik
Philimonenko Anatolij	First Faculty of Medicine, Charles University Topic: Nuclear chromosomal domains in the cell cycle Supervisor: P. Hozák
Písačková Jana	Faculty of Science, Charles University Topic: Structural studies of recombinant antibody fragments and their antigens Supervisor: P. Řezáčová
Podolská Kateřina	Faculty of Science, Charles University Topic: Development and characteristics of microRNA pathway inhibitors Supervisor: P. Svoboda
Polakovičová Iva	Faculty of Science, Charles University Topic: Novel functions of transmembrane adaptor proteins in mast cell activation Supervisor: Pe. Dráber
Polláková Veronika	Faculty of Science, Charles University Topic: Epigenetic regulation of costimulatory and inhibitory molecule expression, anti-tumour immunity Supervisor: M. Reiniš
Pombinho Antonio	Faculty of Science, Charles University Topic: Chemical genetics: an approach to dissect stem and progenitor cell biology Supervisor: P. Bartůněk
Potůčková (Stegurová) Lucie	Faculty of Science, Charles University Topic: Topography and function of Csk-binding proteins of the mast cell plasma membrane Supervisor: Pe. Dráber
Rídl Jakub	Faculty of Science, Charles University Topic: Metagenomic analysis of microbial consortia Supervisor: V. Pačes

Ryan Claire	Faculty of Science, Charles University Topic: PdS in the mouse model Supervisor: P. Svoboda
Řadová Marie	Faculty of Science, Charles University Topic: Regulation of the development and regeneration of the nervous system by Pin1 and CRMP2 genes Supervisor: M. Balaščík
Slapničková Martina	Faculty of Science, South-Bohemian University Topic: The effect of genotype on the cell infiltration in Leishmania-infected mouse organs Supervisor: M. Lipoldová
Sohrabi Yahya	Third Faculty of Medicine, Charles University Topic: Genetic control of susceptibility to skin leishmaniasis Supervisor: M. Lipoldová
Starostová Michaela	Faculty of Science, Charles University Topic: Study of the regulation of neural crest development Supervisor: M. Dvořák
Svoboda Ondřej	Faculty of Science, Charles University Topic: Novel regulators of megakaryocyte and erythroid lineage commitment Supervisor: P. Bartůněk
Svobodová Barbora	Faculty of Science, Charles University Topic: Mechanisms of anticancer effects of therapeutic antibodies specific for surface antigens of B-lymphocyte lymphomas and leukemias Supervisor: V. Hořejší
Svobodová Eliška	Faculty of Science, Charles University Topic: Role of Dicer in mammalian oocytes and somatic cells Supervisor: P. Svoboda
Šáchová (Dubská) Jana	Institute of Chemical Technology in Prague Topic: Molecular differentiation of spinocellular head and neck carcinomas Supervisor: V. Pačes

Šíma Matyáš	Faculty of Science, Charles University Topic: The effect of genotype on the progression of infections induced by various Trypanosomatidae species in the mouse Supervisor: M. Lipoldová
Šimková Eva	Faculty of Science, Charles University Topic: Formation of the splicing machinery in the context of the cell nucleus Supervisor: D. Staněk
Škuta Ctibor	Institute of Chemical Technology in Prague Topic: Methods of data mining from chemical biology data Supervisor: D. Svozil
Štěpánek Ivan	Faculty of Science, Charles University Topic: Functional analysis of immunosuppressive cell populations during HPV6-associated tumour progression and immunotherapy Supervisor: M. Reiniš
Švadlenka Jan	Faculty of Science, Charles University Topic: Role of the Daxx adapter in transcription and apoptosis Supervisor: L. Anděra
Techlovská Šárka	Second Faculty of Medicine, Charles University Topic: Cannabinoid receptors and their interaction in glutamatergic nerve transmission Supervisor: J. Blahoš
Těšina Petr	Faculty of Science, Charles University Topic: Structural studies of human cellular co-factors of retroviral integration Supervisor: P. Řezáčová
Tichá Olga	Faculty of Science, Komensky University Topic: to be specified Supervisor: O. Machoň
Tůmová Lucie	Faculty of Science, Charles University Topic: Molecular mechanisms of Wnt signalling in mammals Supervisor: V. Kořínek

Uličná Lívia	Faculty of Science, Charles University Topic: Analysis of functional interactions of phospholipids in the cell nucleus Supervisor: P. Hozák
Ulrychová Lenka	Faculty of Science, Charles University Topic: Bioactive molecules of Schistosoma mansoni Supervisor: J. Dvořák
Vančurová Markéta	Faculty of Science, Charles University Topic: Immunological characteristics of recombinant receptors of human NK cells Supervisor: Z. Hodný
Zibrinová Alexandra	Faculty of Science, Charles University Topic: to be specified Supervisor: D. Filipp
Zjablovskaja Polina	Faculty of Science, Charles University Topic: Regulation of pro- and anti-recombinase activities in human cells Supervisor: M. Alberich - Jorda
Žbodáková Olga	Faculty of Science, Charles University Topic: Role of ADAM17 and TTMP3 in pathological and inflammatory processes in the liver Supervisor: R. Sedláček
Žídek Radim	Faculty of Science, Charles University Topic: Wnt signalling in CNS development and evolution Supervisor: Z. Kozmik