

PhD theses

2009

- Gusareva Elena** Impact of genetic and environmental factors on development of atopy and allergic diseases in Czech and Russian populations (Supervisor: Marie Lipoldová; 3. LF UK Praha)
- Ivánek Robert** DNA microarrays and bioinformatics in biomedical research (Supervisors: Jiří Forejt, Stanislav Kmoch; PŘF UK Praha)
- Krejčířiková Veronika** Structural studies of mouse galectin-4 (Supervisor: Jiří Brynda; PŘF UK Praha)
- Mihola Ondřej** Positional cloning of Hst1 gene (Hybrid sterility 1) and molecular analysis of candidate genes (Supervisors: Zdeněk Trachtulec, Jiří Forejt; PŘF UK Praha)
- Růžičková Jana** Eye evolution and development: an insight from jellyfish and mouse (Supervisor: Zbyněk Kozmik; PŘF UK Praha)

2010

- Huranová Martina** Assembly and recycling of functional splicing complexes *in vivo* (Supervisor: David Staněk; PŘF UK Praha)
- Krejčík Zdeněk** Taurine-nitrogen utilized by bacteria: a diverse set of phenomena (Supervisor: Václav Pačes; VŠCHT, Praha)
- Mader Pavel** Structure, function and inhibition of human carbonic anhydrases (Supervisor: Jiří Brynda; 1. LF UK Praha)
- Manning Jasper** Epigenetic agents induce MHC class I surface expression on tumor cells and reexpress an aberrantly silent marker of myeloid neoplasms (Supervisor: Milan Reiniš; 1. LF UK Praha)

Nováková Zora	Cytokine expression in chemically-induced senescence (Supervisor: Zdeněk Hodný; PŘF UK Praha)
Sedlák David	Panels of steroid receptor reporter cell lines for compound profiling and development of selective ligands for oestrogen receptor α and β (Supervisor: Petr Bartůňek; PŘF UK Praha)
Vopálenský Pavel	Evolution of photoreceptors (Supervisor: Zbyněk Kozmik; PŘF UK Praha)

2011

Brauer Rena	Key role for matrix metalloproteinases-19 and -28 in maintenance of intestinal homeostasis (Supervisor: Radislav Sedláček; lékařská fakulta, Universita v Kielu)
Dráber Peter	Mechanisms of signal transduction by leUKocyte surface receptors and transmembrane adaptor proteins (Supervisor: Tomáš Brdička; PŘF UK Praha)
Dupačová Naoko	The role of Wnt signaling in embryonic development (Supervisor: Zbyněk Kozmik; PŘF UK Praha)
Dzijak Rastislav	Nuclear dynamics and interactions of myosin 1c (Supervisor: Pavel Hozák; PŘF UK Praha)
Grekov Igor	Experimental murine leishmaniasis and its application for drug discovery and study of pathogen-host interactions (Supervisor: M. Lipoldová; 3. LF UK Praha)
Hnilicová Jarmila	Regulation of splicing in the context of the cell nucleus (Supervisor: David Staněk; PŘF UK Praha)
Hořejší Barbora	Tubulin isoforms in cancerogenesis (Supervisor: Pavel Dráber; PŘF UK Praha)
Klíma Martin	Molecular and functional characterization of the death receptor 6 (Supervisor: Ladislav Anděra; PŘF UK Praha)
Kobets Tetyana	Methods for <i>Leishmania</i> parasites detection and quantification as a tool for study of pathogen-vector-host interactions (Supervisor: Marie Lipoldová; 3. LF UK Praha)
Matoušková Magda	Mechanisms of endogenous retrovirus control in the host cell (Supervisor: Jiří Hejnar; PŘF UK Praha)
Novotný Ivan	Formation of spliceosomal snRNPs in the cell nucleus (Supervisor: David Staněk; PŘF UK Praha)

Ormsby Tereza	Studies on immunoreceptor signaling molecules (Supervisor: Václav Hořejší; PŘF UK Praha)
Procházková Jana	The role of cytokines in development and differentiation of regulatory T cells (Supervisor: Vladimír Holáň; PŘF UK Praha)
Rohožková Jana	Molecular determination of plant/Potyvirus interaction. (Supervisor: Milan Navrátil; přírodovědecká fakulta, Univerzita Palackého, Olomouc)
Štěpánek Ondřej	Regulation of signal transduction by leUKocyte surface proteins (Supervisor: Tomáš Brdička; PŘF UK Praha)

2012

Fafílek Bohumil	Adjusting Wnt signalling – new regulatory mechanisms of the Wnt pathway (Supervisor: Vladimír Kořínek; PŘF UK Praha)
Flemr Matyáš	mRNA stability and microRNA activity in mouse oocytes. (Supervisor: Petr Svoboda; PŘF UK Praha)
Homolka David	Meiotic sex chromosome inactivation in mouse spermatogenesis (Supervisor Petr Jansa; PŘF UK Praha)
Hrdinka Matouš	The role of membrane microdomains and transmembrane adaptor proteins PRR7 and SCIMP in the regulation of immunoreceptor signaling (Supervisor: Karel Drbal; PŘF UK Praha)
Hroudová Miluše	Study of homeobox genes of the sweet water medusa <i>Craspedacusta sowerbyi</i> (Supervisor: Václav Pačes; VŠCHT Praha)
Hubáčková Soňa	DNA damage and signalling pathways in cellular senescence (Supervisor: Zdeněk Hodný; PŘF UK Praha)
Kumpošt Jiří	Metabotropic glutamate receptors and their associated proteins involved in signaling (Supervisor: Jaroslav Blahoš; PŘF UK Praha)
Moserová Irena	Molecular mechanisms of apoptosis induced by photodynamic activation in cancer cells (Supervisor: Jarmila Králová, PŘF UK Praha)
Moudrý Pavel	Posttranslational modifications in DNA damage response (Supervisor: Zdeněk Hodný; PŘF UK Praha)
Neuwirth Aleš	Defensins and autoimmunity: emerging α -defensin based models to study mechanisms underpinning autoimmune processes (Supervisor: Dominik Filipp; PŘF UK Praha)

Pajer Petr	From the search for new oncogenes to the effort of redefining the cancerogenesis phenomenon (Supervisor: Michal Dvořák, PŘF UK Praha)
Pokorná Kateřina	Pre-clinical model of acute promyelocytic leukemia: Study of the anti-leUKemic effect induced by ATRA and DNA vaccination (Supervisor: Vladimír Holáň; PŘF UK Praha)
Pospíchalová Vendula	Regulatory mechanisms of Wnt signalling (Supervisor: Vladimír Kořínek; PŘF UK Praha)
Tůmová Magda	Regulatory functions of the transmembrane adaptor protein NTAL in activation of mast cells (Supervisor: Petr Dráber; PŘF UK Praha)
Vinopal Stanislav	Functional characterization of selected microtubule regulatory proteins (Supervisor: Pavel Dráber; PŘF UK Praha)