



BIOMEDICAL
CENTER



Ph.D. Positions Opening Now

at the Biomedical Center, Faculty of Medicine in Pilsen,
Charles University, Czech Republic



Students for the following Ph.D. study topics are sought in the
doctoral study programme of Experimental Surgery:

Immune cell and mutational landscape of colorectal cancers

Tutor: Kari Hemminki

MicroRNA profiling in hepatocellular carcinoma

Tutor: Filip Ambrozkiwicz

Modelling of vessel tree in porcine liver based on multi-domain CT scans

Tutor: Miroslav Jiřík

The role of oxysterols in prognosis, progression and therapy of solid tumours

Tutor: Pavel Souček

Identification and functional characterization of tumor prognostic and predictive genetic biomarkers in experimental models and patients with solid tumors

Tutor: Radka Václavíková

Study of prognostic biomarkers and therapeutic targets in patients with gastrointestinal cancers

Tutor: Viktor Hlaváč

Tumor heterogeneity in colorectal carcinogenesis

Tutor: Veronika Vymetálková

DNA damage and its repair in mitochondrial DNA, implications in cancer cell

Tutor: Pavel Vodička

Telomere homeostasis in interaction with DNA damage response in solid carcinogenesis

Tutor: Pavel Vodička

Genomic/chromosomal instability in relation to microenvironment in colorectal cancer

Tutor: Ludmila Vodičková



Application deadline: **April 30, 2021**

More about us: www.liskalab.eu, www.biomedic-plzen.cz, www.lfp.cuni.cz

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Department of Science and Research

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