



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:

**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

**Tumor heterogeneity in colorectal carcinogenesis**

Tutor: Veronika Vymetálková

**MicroRNA profiling in hepatocellular carcinoma**

Tutor: Filip Ambrozkiwicz

**Immunohistochemical and transcriptional profiling of different  
subregions in hepatocellular carcinoma**

Tutor: Andriy Trailin

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

Tutor: Miroslav Jiřík

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

Tutor: Viktor Hlaváč



Application deadline: **November 30, 2021** (to start the studies on March 1, 2022)

More about us: [www.liskalab.eu](http://www.liskalab.eu), [www.biomedic-plzen.cz](http://www.biomedic-plzen.cz), [www.lfp.cuni.cz](http://www.lfp.cuni.cz)

Contact: Barbora Stachová | [barbora.stachova@lfp.cuni.cz](mailto:barbora.stachova@lfp.cuni.cz)

Tel: +420 377 593 467

Department of Science and Research

Charles University, Faculty of Medicine in Pilsen

