



BIOMEDICAL
CENTER



Ph.D. Positions Opening Now

in Laboratory of Translational Cancer Genomics

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



The Laboratory of Translational Cancer Genomics lead by Professor Kari Hemminki invites qualified candidates to apply for five Ph.D. positions in Cancer Research (Genomics, Transcriptomics, and Immunology). The candidates will join a multi-disciplinary team focusing on:

- patient-oriented cancer genomics
- genomic factors in tumorigenesis and epithelial-mesenchymal transition
- hereditary cancer genomics and epidemiology
- application of advanced genomics methods in clinical screening and decision-making
- targeted treatment based on mutations in tumors following the precision medicine guidelines

The working place of successful candidates is the Laboratory of Translational Cancer Genomics, Biomedical Center, Faculty of Medicine in Pilsen, Charles University, Czech Republic.



Currently available research projects:

- 1) Genetic differences between primary and metastatic tumors from same patients**
Prof. Kari Hemminki MD, Ph.D.
- 2) Immune cell landscape in primary and metastatic colorectal cancer**
Andryi Trailin MD, Ph.D.
- 3) Immunohistochemical and transcriptional profiling of different subregions in hepatocellular carcinoma** – Andryi Trailin MD, Ph.D.
- 4) Differences in miRNA profile between colorectal cancer and colorectal cancer liver metastasis** – Filip Ambrozkiwicz Ph.D.
- 5) MicroRNA profiling in hepatocellular carcinoma**
Filip Ambrozkiwicz Ph.D.



Application deadline: **April 30, 2022**

More about us: <http://chaperon.lfp.cuni.cz/>

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The Laboratory of Translational Cancer Genomics is a part of the Chaperon project, funded from the EU's Horizon 2020 research and innovation programme under grant agreement No 856620