



Doctoral studies at the CLIP Laboratories, 2nd Faculty of Medicine, Charles University

An internationally recognized research institute in the field of hemato-oncology is looking for a motivated PhD student to join its team. We focus on research on mechanisms of treatment resistance in leukemias and relapse. We aim to understand the key mechanisms of resistance identify patients less responsive to treatment and propose alternative therapeutic approaches.

What are we investigating?

- How tumor metabolism contributes to treatment resistance
- How mechanisms of metabolic plasticity in cancer cells lead to loss of treatment efficacy
- How to identify patients at higher risk of therapy failure using cell metabolic status
- Effect of metabolic agents in leukemia cells

What do we offer?

- Work on cutting-edge research with potential clinical impact
- Publication of results in high impact journals
- A state-of-the-art laboratory with the latest technology
- Support for grant applications and participation in international conferences
- Opportunity to collaborate with leading experts in the field of hemato-oncology

Who are we looking for?

- A student with an interest in hemato-oncology and experimental medicine
- A graduate of a master's degree in biomedical science, molecular biology, biochemistry or related fields
- A team player who is proactive and passionate about science and lab work
- Ability to work independently
- Experience with laboratory methods (cell culture, molecular biology, cytometry, metabolomics) an advantage

How to apply?

Send your CV, motivation letter and list of publications (if any) to julia.starkova@lfmotol.cuni.cz