



Laboratory

of Physiology and Pathophysiology of

Adipose Tissue

We are seeking a highly motivated POSTDOC for molecular and cell biology/physiology and translational research at Third Faculty of Medicine, Charles University, Prague, Czech Republic.

Start date: May 2023

We are involved in two research projects funded by European Union - Next Generation EU and Horizon 2020

1) **National Institute for Research of Metabolic and Cardiovascular Diseases** (Programme EXCELES, ID Project No. LX22NPO5104) involving research on a) regulation of lipokine metabolism in adipose tissue by exercise, b) role of adipose tissue and muscle crosstalk in regulation of metabolic flexibility, c) metabolic rearrangement of adipose tissue by pancreatic cancer

2) **TheraLymph** –Gene Therapy to restore lymphatic flow lymphedema H2020 SC1-BHC-07-2019, Project # 874708, focused on the relationship between adipocytes and lymphatic endothelial cells.

Job Summary:

The position requires involvement in both projects and includes a wide range of experimental activities using human cells and tissues as well as the data analyses. The development and optimization of new experimental approaches is expected.

Requirements:

PhD in Biology, Biochemistry, Physiology or MD PhD; research experience in one or more of the following areas: adipose tissue biology, angiogenesis, inflammation, bioenergetics, glucose and lipid metabolism, and biochemistry. Skills in cell culture and molecular biology, high level of responsibility necessary to work with unique clinical samples, solid skills in statistical analysis, ability to implement new methods. Ability to work autonomously combined with a strong teamwork skills

Proficiency in Czech or English. EU work permit as a major advantage.

We offer:

Full-time job (40 hours per week) in Prague until December 2025 (or longer) with mutual satisfaction with the first 3 months. Full health insurance coverage is a part of the fellowship. Five weeks (25 working days) of vacation. Competitive salary. Work within a young and friendly team of researchers. <https://www.lf3.cuni.cz/3LFEN-677.html>

Necessary documents:

CV describing previous work on research projects and laboratory skills, Motivation letter; Letter of recommendation.

The application shall be submitted to lenka.rossmeislova@lf3.cuni.cz