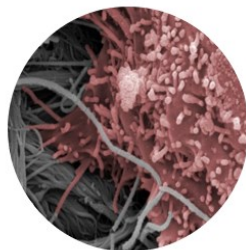
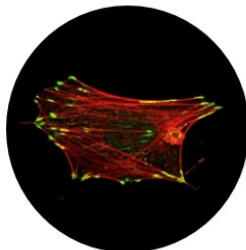
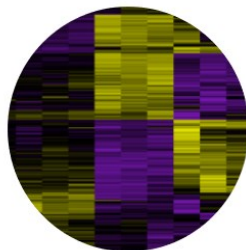
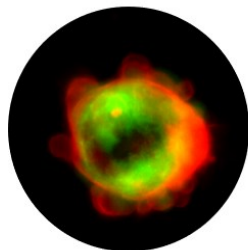




Faculty of Science, Charles University and BIOCEV research institute
LABORATORY OF CANCER CELL INVASION

POSTDOCTORAL RESEARCH POSITION AVAILABLE



Project title: Molecular mechanisms of action of newly identified migrastatic drugs

Project description: Despite all the effort invested into studying metastasis, our so far incomplete understanding of the plasticity of cancer cells' invasiveness precluded successful development of anti-metastatic treatment strategies. In a screen for compounds with migrastatic properties, we identified candidate compounds that effectively inhibited cancer cell invasion without being cytotoxic. The aim of the project will first be to verify the antimetastatic effect of candidate compounds *in vivo* in xenograft and syngeneic mouse models. Further, the project will focus on identifying molecular mechanisms of action of the most effective compounds.

Qualifications:

We are seeking a highly motivated, independent research fellow with a strong background in molecular biology, biochemistry and cell biology. Previous experience with proteomics, bioinformatics and animal models is of benefit, but not strictly required.

Application:

The application deadline is October 2022. If interested, please contact laboratory head Prof. Jan Brábek at brabek@natur.cuni.cz. A brief CV and two recommendation letters are required for evaluation of the candidate.



- Starting January 2023
- Competitive salary
- Young and dynamic research group
- State-of-the-art facilities