CLINICAL PROTEOMICS LAB

EXPERTISE
Proteomic analyses of cells, tissues and body fluids using isotope labeling methods iTRAQ, TMT or SILAC
Proteomic analysis of integral membrane proteins
Antibody-based detection and quantitation (western blotting and ELISA)

PROJECTS
- Proteomic analysis of heart failure development and progression
- Identification of mechanisms responsible for drug resistance in tumor cells
- Analysis of cell surface proteins in human tumors
- Identification of disease biomarkers in body fluids

PARTNERS
Institute for Clinical and Experimental Medicine, Prague
Institute of Hematology and Blood Transfusion, Prague
Second Faculty of Medicine, Charles University, Prague
Eunice Kennedy Shriver National Institutes of Child Health and Human Development (NICHD), USA
Thermo Fisher Scientific

HTTP://BIOCEV.LF1.CUNI.CZ