

## PDX (Patient-Derived Xenografts) Specialist

### Research project

The technology known as Patient-Derived Xenografts (PDXs) brings significant information tumor development and treatment and the successful applicant will establish and standardize the PDX technology in order to serve individual clinical groups to handle, archive and eventually treat tumor patients. Thus, the specialist will be involved in characterization of new PDX lines derived from patients with lymphoproliferative malignancies and solid tumors, new technologies for characterization of tumor xenografts including metabolomics, developing PDX models, developing a phenotyping pipeline for PDX samples, and establishing a biobank for PDX samples.

### Requirements

The successful applicant will have strong experience with animal work and surgery, should have a Ph.D. and/or education in veterinary or medical science and have a good proficiency in English. The successful applicant will also have excellent interpersonal, communication and organizational skills and be highly-motivated with the ability to work independently and as part of the multi-disciplinary team of CCP.

### Terms and place of employment

This position is available in the Czech Centre of Phenogenomics (hosted by the Institute of Molecular Genetics of the ASCR, v.v.i.) in BIOCEV campus (CCP building) in Vestec near Prague, Czech Republic. The position is available immediately as an initial fixed-term (2 years) contract, with longer-term extension possible upon demonstrated proficiency.

### Application

Interested candidates should provide motivation letter, CV and contacts to at two independent professionals who can provide reference.

Your application must be submitted only electronically to Mr. Libor Daněk ([libor.danek@img.cas.cz](mailto:libor.danek@img.cas.cz)). Mr Danek will provide additional information about the position as well.

### About the employer

The Czech Centre of Phenogenomics (CCP) is one of the largest, biomedical, national, research infrastructures located in the municipality of Vestec south of the Capital city of Prague in the Czech Republic (CCP, <http://www.phenogenomics.cz>). Set on the campus of the newly constructed centre BIOCEV, CCP is a state-of-the-art facility providing generation, phenotyping, and archiving of rodent models. CCP offers its users comprehensive phenotypic analysis of transgenic models. As a member of the International Mouse Phenotyping Consortium (IMPC) and INFRAFRONTIER, CCP is dedicated to the goal of 'systematic genome-wide phenotyping project of knock-out mice in order to provide the broader research community with a lasting resource of mammalian gene functions.

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