
Czech Centre for Phenogenomics, member of IMPC and Infrafrontier consortiums is seeking motivated and responsible candidates for

Head/Deputy Head of the Transgenic and Archiving Module

The Transgenic and Archiving Module (TAM) is responsible for the generation of genetically modified mouse and rat models using state-of-the-art technologies and is in the process of establishing targeting of cells and cell-based models such as organoids or 3D models.

TAM provides a complete service from initial gene targeting design, generation of tools and transgenic rodent models to genotyping, cryopreservation and breeding of the required animal models for phenotyping.

Job description

- **Lead, supervise, collaborate:** You will be responsible for managing the overall operation and development of the TAM, supervising services, and experiments, managing a team of laboratory technicians and coordinating their work within the TAM. You will ensure seamless collaboration with other CCP modules
- **Expertise:** A solid foundation in (mouse) genetics and molecular biology is essential; genome editing, and ESC technologies are highly advantageous, as is expertise in the generation of genetically modified rodent models (mouse, rat), including cohort establishment and animal breeding
- **Other technologies required:** cryopreservation and resuscitation technologies
- **Analytical skills:** Ability to analyse genetically modified laboratory animals using different genotyping strategies
- **Communication skills:** Need to deal with enquiries from national and international users and clients and communicate with our consortia partners (INFRAFRONTIER/EMMA, IMPC)
- **Research and development activities:** You will be encouraged to set up research projects to develop and establish new technologies and new rodent and cell-based models

Requirements

- A degree in biology, veterinary medicine, medicine, or a related field
- Knowledge of (mouse) genetics, molecular biology and working with rodent models
- Genome editing technology is an advantage and must be acquired
- Interest in establishing and developing new methods and techniques; interest in developing research projects
- Medical fitness to work with laboratory animals and animal samples (rodents)
- Fluency in English and familiarity with office/database software

We offer

- An international team in a friendly and stimulating environment.
- Opportunities for professional development and training, including language courses.
- Opportunity to develop own research projects in a collaborative team environment.
- Competitive salary.
- Medical and social benefits included.
- Flexible working hours; home office possibilities.

Contract details

- Full-time position, initially available for 12 months, with potential for longer-term extension based on demonstrated ability
- Flexible starting date
- Workplace: CCP building at BIOCEV campus, Vestec near Prague

Applications consisting of covering letter and structured CV (all in English) or questions related to the position should be sent to Mrs. Jana Safrankova (jana.safrankova@img.cas.cz).

We thank all who apply for their interest; however, only those candidates who are considered for an interview will be contacted.

Personal data processing

For the purposes of the open competition for this position, the Institute of Molecular Genetics of the Czech Academy of Sciences, ID No. 68378050, residing at Vídeňská 1083, Prague 4 - Krč, Czech Republic, in the role of Administrator shall process personal data provided by you (or obtained from public sources) in accordance with the General Data Protection Regulation (EU) 2016/679. By answering this advertisement, you provide your personal data to the Administrator for the purposes and for the duration of the open competition. In relation to processing your personal data, you have the following rights: (i) to access your personal data, (ii) to have corrected or completed inaccurate or untrue personal data, (iii) to erasure of your personal data if not any longer needed for the purposes for which they have been collected or otherwise processed, or if you find that they have been processed illegally, (iv) to restriction of your personal data processing in special cases, (v) to data transferability, and (vi) to raise a complaint after which processing of your personal data shall be arrested if no serious justified reasons for their processing prevail over your interests or rights and freedoms, in particular, if they are needed for possible exaction of legal claims, and (vii) to address the Office for Personal Data Protection. Additional information on data processing by the Institute of Molecular Genetics of the Czech Academy of Sciences, ID No. 68378050, residing at Vídeňská 1083, Prague 4 - Krč, Czech Republic, can be obtained from Data Protection Officer J. Oliberiusová, JD.