
For the Czech Centre for Phenogenomics (CCP)
hosted by the Institute of Molecular Genetics of the Czech Academy of Sciences (IMG),
we announce an open position of

Head of the Transgenic and Archiving Module (TAM)

The Czech Centre for Phenogenomics (CCP, <https://www.phenogenomics.cz/>), a large research infrastructure at the Institute of Molecular Genetics of the Czech Academy of Sciences and an active member of the IMPC and INFRAFRONTIER research infrastructures, invites applications for the position of **Head of the Transgenic and Archiving Module (TAM)**.

This is an outstanding opportunity for an experienced and ambitious scientist to lead one of CCP's core service and scientific platforms. TAM is a key component of CCP's model generation pillar and is responsible for the generation of genetically modified mouse and rat models, genotyping, cryopreservation, archiving, and related model delivery workflows supporting advanced biomedical research.

The role

The successful candidate will provide scientific, strategic, and operational leadership of TAM and will play a central role in shaping the next phase of CCP's development. The position is designed for a senior scientist who combines strong technical expertise with leadership capacity, strategic vision, and a commitment to high-quality research infrastructure and service delivery. As a Module Head within CCP's organisation, the successful candidate will operate at the level of an independent **Principal Investigator (PI)** responsible for services, outputs, compliance, reporting, and day-to-day module development, while working within CCP's common strategic, financial, and quality framework.

Key responsibilities

- Develop the long-term scientific vision and strategic roadmap for TAM, ensuring its sustainable growth, scientific excellence, and integration within CCP and international research infrastructures.
- Lead the scientific, technological, and operational development of TAM.
- Oversee high-quality service delivery in rodent model generation, genotyping, cryopreservation, archiving, and associated workflows.
- Manage, coordinate, lead, mentor and support TAM staff and ensure effective planning of capacities, priorities, and daily operations.
- Promote innovation in genome engineering, transgenic technologies, and model generation approaches.

- Drive innovation in genome engineering technologies, including CRISPR-based approaches, embryo manipulation, reproductive technologies, and emerging methodologies for rodent model generation.
- Ensure smooth collaboration with other CCP modules and contribute to integrated project workflows across the full research and service pipeline.
- Participate in planning, reporting, grant development, infrastructure development, and broader strategic activities at CCP level.
- Represent TAM in interactions with academic users, collaborators, service partners, and international research infrastructure networks.

Candidate profile

The ideal candidate will have a strong scientific background in mouse genetics, molecular biology, genome editing, and the generation of genetically modified rodent models. Experience with embryo manipulation, transgenic technologies, genotyping strategies, cryopreservation, rederivation, resuscitation, and colony establishment will be highly advantageous.

The role requires an individual with clear leadership potential or proven leadership experience, excellent organisational skills, and the ability to manage a complex scientific and service environment. The successful candidate should be able to combine scientific excellence with practical decision-making, team coordination, and a service-oriented approach.

Requirements

- PhD or equivalent in genetics, molecular biology, developmental biology, biomedicine, veterinary medicine, or a related field.
- Proven experience in genome engineering, transgenic technologies, and rodent model generation.
- Strong expertise in mouse genetics and molecular biology; experience with rat models is an advantage.
- Demonstrated ability to lead or coordinate a team, laboratory unit, or scientific platform.
- Excellent communication skills in English, both written and spoken.
- Ability to develop new methods, contribute to research and innovation, and engage in competitive grant activities.
- Eligibility to work with laboratory animals and awareness of relevant ethical, regulatory, and quality standards.
- Experience with scientific publishing, international collaboration, or user-oriented research infrastructure services would be an advantage.

What we offer

- A senior scientific leadership position within a nationally and internationally recognised large research infrastructure.
- A highly international, collaborative, and stimulating working environment.

- Access to advanced technologies and state-of-the-art research infrastructure.
- Opportunity to shape the strategic and scientific development of a key CCP module.
- Support for professional growth, scientific development, and participation in national and international collaborations.
- Competitive salary commensurate with qualifications and experience, together with an employee benefits package.

Contract and start date

This is a long-term position. The initial appointment will be for one year and may be extended based on mutual agreement and successful performance, with the possibility of an indefinite appointment after subsequent extensions, in accordance with Czech labour legislation.

The expected start date is autumn 2026 or by agreement.

Application procedure

Applicants are invited to submit:

- A cover letter, explaining their interest in leading the TAM (Transgenic and Archiving Module) and outlining how their experience fits the role.
- A structured curriculum vitae.
- Applicants are encouraged to include a brief statement outlining their vision for the scientific development of TAM over the next three to five years.
- Contact details for two or three references.

Applications should be submitted electronically to **Jana Šafránková** (jana.safrankova@img.cas.cz) by the end of September 2026.

For informal enquiries about the position, applicants may use the same contact email address.

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.