

Head of Cryo-Electron Microscopy Core Facility

Thanks to a recent governmental grant the University of Pécs (PTE) is planning to set up a cryo-EM facility at the Szentágotthai Research Centre (in Pécs, Hungary). The facility is meant not only to serve the local research community but act as the central, national cryo-EM hub for both academia and industry. From 1st of September 2024 (or upon agreement), we are looking for the head of this future facility who would organize and coordinate the establishment of this facility and afterward lead its operation.

We are looking for an agile, proactive and experienced scientific leader, who can support our goals above!

Your main responsibilities include:

Lay down the foundations of a cryo-EM core facility in close cooperation with the involved institutions and companies.

- Lead the design and coordinate the procurement and the implementation of the infrastructure.
- Plan and implement the operational model of the facility including hiring additional staff, work out a stable business model and lead the administrative steps necessary to establish the facility.

Once the facility is up and running:

- Technical supervision of high-end cryo-electron microscopes and equipment.
- Development and application of new cryo-EM methods related to sample preparation, data acquisition and data processing.
- Project coordination including acquiring third-party funding. Preparation of applications and publications.
- User acquisition and consultation, maintenance of national and international co-operations.
- Education of staff and users.

Your profile:

- A scientific university degree from a related field, including PhD.
- Multiple years of working experience in the field of cryo-electron microscopy and structural biology.
- Experience in the preparation of cryo-EM samples, the operation of cryo-electron microscopes, data collection and processing of cryo-EM data and modeling.
- Experience applying scientific and engineering principles and practices to perform technical services and support.
- Experience with data analysis, experimental process, design, and development of prototypes, equipment, and/or systems related to area of specialization.
- Ability to write clear documentation, perform administrative duties, and research protocol maintenance related to research studies and/or scientific/engineering projects.
- Experience with software applications, systems, or programs relevant for the job.
- Experience in Linux operating systems and scripting.
- Excellent communication skills in English.
- Coordination and organization skills, ability to work independently, but also acts as a team player.

The position offers:

- The potential to establish and shape a state-of-the-art national cryo-EM facility.
- A three-year fixed-term contract with the possibility to convert it into a permanent position.
- A competitive salary.
- Starting date from 1 September 2024 or upon agreement.
- An international scientific environment with exciting projects and partners.

Application Deadline: 31 Aug 2024 - 23:59 (Europe/Budapest)

Please send your CV including your scientific achievements and publications to Mónika Mátyás (matyas.monika@pte.hu)

For questions and more information, please contact: Prof. Dr. Boldizsár Czéh (czeh.boldizsar@pte.hu)