

Dear cryo-EM specialists,

Based on a successful application for large infrastructure, the Charité will establish a cryo-EM facility on its Campus in Berlin-Buch, with a particular focus on cryo-electron tomography applications. We seek a head for this facility at the earliest convenience.

We offer:

A three-year fixed-term position according to German public pay grade E14 to establish the facility, with the possibility to convert it into a permanent position afterwards. Starting date from September 1, 2019.

An international scientific environment with exciting projects and partners.

A dedicated cryo-EM building with state-of-the-art instrumentation including a Titan Krios with a Gatan K3 Direct Electron Detector and energy filter, an Aquilos Focused Ion Beam Scanning Electron Microscope (FIB-SEM) and a Cryo Correlative Light Electron Microscope (CLEM).

Your tasks:

- Establishment of a cryo-EM facility in tight cooperation with the involved institutions and companies
- Technical supervision of high-end cryo-electron microscopes and equipment
- Development and application of new cryo-EM methods related to sample preparation, data acquisition, data processing, generation of samples for FIB-SEM, application of CLEM methods
- Project coordination, including third-party funding acquisition. Preparation of applications and publications
- User acquisition and consultation, maintenance of national and international co-operations
- Budget and staff responsibility for the core facility
- Education of staff and users
- Establishment of a web page and booking system for the core facility (<https://iris.charite.de>)
- Preparation of legal documents related to the operation of the facility

Your profile:

- Scientific university degree, including PhD
- Several years of working experience in the field of cryo-electron microscopy and structural biology
- Experience in the preparation of cryo-EM samples and in the operation of cryo-electron microscopes, in data collection and processing of cryo-EM data and model building
- Experience in the acquisition and processing of cryo-electron tomography data and application of CLEM approaches would be highly desired
- Experience in Linux-based server systems and scripting
- Very good communication skills in English
- Coordination and organization skills, ability to work independently, team player

Please send your application until August 2, 2019 to Claudia Flügel (claudia.fluegel@charite.de) citing job offer 'CC04-BIH-24.19'. For questions and more details, please contact Oliver Daumke (oliver.daumke@mdc-berlin.de).