

FUNDACIÓN BIOFÍSICA BIZKAIA / BIOFISIKA BIZKAIA FUNDAZIOA

POSITION – Specialist position in cryo-electron microscopy of biological specimens

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The Fundación Biofísica Bizkaia (FBB) in Bilbao (Bilbao, Spain) invites applications for an immediately available **specialist position in cryo-electron microscopy (cryo-EM) of biological specimens**. Candidates must hold a PhD degree at the time of appointment in physics, chemistry, biology, engineering, computer science or related field with several years of experience in cryo-EM. Fluency in English will be required.

The successful candidate will work at the newly formed Basque Resource for Electron Microscopy (BREM). In the fall of 2021, BREM will install at the Biofisika Institute (IBF, Bilbao, Spain) a ThermoFisher's Titan Krios G4, equipped with a phase plate and Gatan's BioContinuum Imaging Filter and K3 direct electron detector. This microscope will be dedicated to high-resolution data collection for single-particle electron microscopy, electron tomography and microelectron diffraction. Candidates must be skilled and experienced in the operation and routine maintenance of high-voltage cryoelectron microscopes. Experience in cryo-EM sample preparation, data collection and evaluation, and image processing will be required. Strong communication and organizational skills will also be important.

The candidate will be part of a team led by a technical director, and his/her responsibilities will include assisting internal and external users in the general use of the equipment and its maintenance, configuration for any technique, sample preparation, image processing and calculation of 3D structures. The candidate will also help manage user access, and collaborate towards raising funds for the expansion of the facility and the maintenance and renewal of the equipment.

The IBF is a joint research centre of the University of the Basque Country (UPV/EHU) and the Spanish National Research Council (CSIC). In close partnership with the FBB, the centre focuses on fundamental and translational biophysics research and offers a highly collaborative culture. Accredited as a Basque Excellence Research Centre (BERC), the institute provides outstanding shared facilities for advanced biophysical and structural biology approaches in a new research building in the main Leioa campus of the University of the Basque Country.



Fundación Biofísica Bizkaia
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We are an equal opportunity employer committed to diversity and encourage women candidates to apply. Please submit your application through the IBF website contact page adding the following subject **Job Application: 83CryoEM-BREM**

<http://biofisika.org/contact/>

- a cover letter
- curriculum vitae
- a 2-page description of cryo-EM experience
- names and contact information of 3 referees willing to provide recommendation information.

The deadline to receive applications is **July 25th, 2021 at 17:00 h CET.**