



Fundación Biofísica Bizkaia  
Biofisika Bizkaia Fundazioa

## FUNDACIÓN BIOFÍSICA BIZKAIA / BIOFISIKA BIZKAIA FUNDAZIOA

### OFFER – Postdoctoral position in cryo-EM

Publication date: January 20, 2023

The IBF is a joint research centre of the University of the Basque Country (UPV/EHU) and the Spanish National Research Council (CSIC). In partnership with Fundación Biofísica Bizkaia (FBB), the centre focuses on advancing knowledge about the physical and chemical processes underlying biology and disease. With the FBB accredited as a Basque Excellence Research Centre (BERC) by the Basque Government, the IBF and FBB partnership enjoys a strong national and international reputation, and provides outstanding shared facilities for advanced biophysical and structural biology approaches in a new research building in the main Leioa campus of the UPV/EHU.

### Offer and description of the project

We invite highly motivated candidates to apply for an immediately available postdoctoral position in the laboratory of Dr. Iban Ubarretxena at the Basque Centre for Biophysics (IBF; [www.biofisika.org](http://www.biofisika.org)) in Leioa, Spain. Our laboratory employs cryo-electron microscopy (cryo-EM) to uncover the structure and function of proteins involved in human disease. For recent publications from the laboratory please see: Nature Commun. 2022 13:1050; Nature Commun. 2020 10:2699; Nat Struct Mol Biol. 2020 10:913; and Nat Struct Mol Biol. 2019 26:955.

### Required background

We seek highly qualified applicants with experience protein biochemistry and that are willing and able to learn single-particle cryo-EM data processing and 3D reconstruction. The laboratory provides access to an outstanding in house cryo-EM facility, which includes a ThermoFisher Krios G4 paired with Gatan's BioContinuum Imaging Filter and a K3 direct electron detector. The facility also includes specimen preparation equipment and GPU-based computer clusters for image processing and 3D reconstruction.

We are an equal opportunity employer committed to diversity. Applications should be addressed through the Biofisika website contact page (<http://biofisika.org/contact/>), adding the following subject: [Job Application: 105\_Postdoc cryo-EM]. It is recommended that applications are made as soon as possible as they will be considered upon arrival. Applications in a single pdf file must include:

- Curriculum Vitae.
- A motivation letter.
- Two reference letters or contact email of referees.

**Deadline: February 28, 2023**