



Fundación Biofísica Bizkaia
Biofisika Bizkaia Fundazioa

FUNDACIÓN BIOFÍSICA BIZKAIA / BIOFISIKA BIZKAIA FUNDAZIOA

OFFER – PostDoc position / Laboratory for Numerical Methods of Cryo Electron Tomography

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The Basque Center for Biophysics / Instituto Biofisika (<https://biofisika.org>) at the Leioa Campus of the University of the Basque Country is currently accepting applications from postdoctoral researchers to join the group of Daniel Castaño Díez. The position is fully funded for two years and available for immediate occupancy. Applications will be evaluated on a rolling basis.

Description of the project and position offered

The "Laboratory for Numerical Methods of Cryo Electron Tomography" is dedicated to advancing computational methods for the automated analysis and interpretation of 3D cell and tissue images. The research project will concentrate on utilizing deep learning techniques to identify and analyze small proteins within their natural surroundings. The laboratory will incorporate cutting-edge image processing methods into their in-house software package Dynamo for cryo electron tomography analysis to achieve this goal.

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.

Ideal candidates must hold an official degree in Mathematics, Computer Science, Engineering or similar, and has a strong background in Matlab. An interest in carrying research in Life Sciences is assumed.

Applications should be addressed through the Biofisika website contact page (<http://biofisika.org/contact/>), adding the following subject: [Job Application: 101_DCastano_Postdoc]. 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.

We are an equal opportunity employer committed to diversity.

Deadline: until the position is filled