



Fundación Biofísica Bizkaia  
Biofisika Bizkaia Fundazioa

## FUNDACIÓN BIOFÍSICA BIZKAIA / BIOFISIKA BIZKAIA FUNDAZIOA

OFFER – PhD Student position

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Fundacion Biofisika Bizkaia (FBB) is a center of excellence on an international level with the main aim of promoting a multidisciplinary program in the field of Biophysics and its application in the areas of Biotechnology and Health, focusing all its resources in Instituto Biofisika Institutua (UPV/EHU, CSIC).

### Description of the project and position offered

The Integrative Structural Characterization of Macromolecular Assemblies research group at the Biophysics Institute in Bilbao (Spain) is looking for a candidate for a predoctoral contract for the upcoming “*Ayudas para contratos predoctorales para la formación de doctores 2021*” call.

The candidate would join the NPC-PROFILE project (funded by the Spanish Ministry of Science and Innovation), aimed at analyzing the molecular and structural diversity of the main mediator of transport between the nucleus and the cytoplasm, the nuclear pore complex, in response to cellular alterations.

We offer a 4-year predoctoral contract to carry out your doctoral thesis within an international and very dynamic scientific environment. This call is open to applicants from all nationalities holding a university degree in biomedical sciences at the deadline of the application (October 2021).

### Education and Experience Required

We are looking for a highly skilled, pro-active and motivated PhD student. Previous research experience during their undergraduate period is desired and experience in Biochemistry, Structural Biology or Proteomics would be positively considered. Candidates must be fluent in English, as the work will be done as part of an international consortium of collaborating laboratories (<https://www.ncdir.org/>).

### Relevant Literature

*One Ring to Rule them All? Structural and Functional Diversity in the Nuclear Pore Complex.*

**Fernandez-Martinez J**, Rout MP. **Trends Biochem Sci.** 2021. PMID: [33563541](https://pubmed.ncbi.nlm.nih.gov/33563541/).

*Integrative structure and functional anatomy of a nuclear pore complex.*

Kim SJ, **Fernandez-Martinez J**, Nudelman I, Shi Y, Zhang W, et al.

**Nature.** 2018. PMID: [29539637](https://pubmed.ncbi.nlm.nih.gov/29539637/).

**Contact:** We are an equal opportunity employer committed to diversity. Please submit a curriculum vitae, through the Biofisika website contact page (<http://biofisika.org/contact/>), adding the following subject: [*Job Application: 85\_PhD\_JFM*].

### **New Deadline: October 15th, 2021**

\* Please note that due to the large number of applicants expected, it will not be possible to communicate the evaluation results to all the candidates.