



PhD in structural biology at the Basque Centre for Biophysics

We seek outstanding and highly-talented applicants to carry out a PhD thesis in structural biology in the laboratory of Dr. Iban Ubarretxena at the Basque Centre for Biophysics (www.biofisika.org) at Bilbao in Spain. Applicants should hold a Master's degree in Biochemistry, Molecular Biology, Biotechnology, Chemistry, Physics, Biomedicine or related disciplines. Good communication skills in English and previous research experience will be appreciated.

The successful applicant will engage in high-quality research leading to a PhD degree from the Molecular Biology and Biomedicine PhD program at the University of the Basque Country (UPV/EHU). The applicant will be funded with internal funds for an initial period of up to two years during which he/she is expected to secure a full PhD fellowship.

The laboratory employs high-resolution cryo-electron microscopy (cryo-EM), in combination with functional experiments, to uncover the structure and mechanism of action of macromolecular protein complexes involved in human disease. The goal of our research is to open new therapeutic avenues by understanding the role of these protein complexes in pathogenesis. The student will participate in multidisciplinary projects and will be trained in protein biochemistry and cryo-EM. For recent publications from the laboratory see: Nature Commun. 2020 10:2699, Nat Struct Mol Biol. 2020 10:913. Nature Struct. Mol. Biol. 2019 26:955, Cell Res. 2019 29:313.

The Basque Center for Biophysics is a joint research centre of the University of the Basque Country (UPV/EHU) and the Spanish National Research Council (CSIC). 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, including a state-of-the-art ThermoFisher's Titan Krios G4 cryoelectron microscope, in a new research building in the main Leioa campus of the University of the Basque Country.

We are an equal opportunity employer committed to diversity. Please submit a cover letter, curriculum vitae, and the names of three references through the Biofisika website contact page (<http://biofisika.org/contact/>), adding the following subject: [**Job Application: 81StructBio_IU**]. Review of applications will begin on April 21st, 2021 and continue until the position is filled.

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.