PREDOCTORAL POSITION [STRUCTURAL BIOLOGY]

Company Description

The Basque Centre for Biophysics is a joint research centre of the 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 Basque Centre for Biophysics 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.

Information

Deadline: 2020-08-15
Category: Academia
Province: Bizkaia
Country: Basque Country
City: Leioa

Company

Basque Centre for Biophysics

Fundación Biofisica Bizkaia
Biofisika Bizkaia Fundazioa

Main functions, requisites & benefits

Main functions

The candidate responsibilities include: To apply himself/herself to the best of his/her abilities to the completion of research goals that would lead to the completion of a PhD degree. To study proteins from a biochemical and structural perspective. To assist other members of the research team in the furtherance of the group's work.

Requisites

Applicants should hold a Master's degree in Biochemistry, Molecular Biology, Biotechnology, Chemistry, Physics, Biomedicine or related disciplines. 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). We are seeking outstanding and highly-talented applicants with a passion for a research career in life sciences and we encourage women candidates to apply.

Benefits

The laboratory offers the opportunity to be trained in high-resolution cryo-electron microscopy (cryo-EM), and to participate in international multidisciplinary projects aimed at understanding the structural basis of the mechanism of action of proteins involved in human diseases. In addition, there will be opportunities for short stays in partner international research institutions. For recent publications from the laboratory see: Nature Commun. 2020 10:2699, Nature Struct. Mol. Biol. 2019 26:955, Cell Res. 2019 29:313.