

Predocotrual contract in Structural Biology

A predocotrual position in Structural Biology is available in the [Membrane Trafficking Lab lead by Dr. Aitor Hierro](#) at CIC bioGUNE in Bilbao, Spain. This is a full-time, four-year position funded by The Spanish Ministry of Science and Innovation to the grant/project PID2020-119132GB-I00.

Application deadline December 3, 2021

The research will focus on the organization of membrane coat complexes playing essential roles in protein recycling with direct implications in neurodegenerative disorders such as Parkinson's and Alzheimer's diseases. For this purpose, the lab uses cryo-electron microscopy (cryo-EM), cryo-electron tomography (cryo-TM) and X-ray crystallography, combined with functional characterization (liposomal and cellular assays) of the involved proteins.

The Ph.D. student will have access to state-of-the-art research facilities such as the Basque Resource for Electron Microscopy (BREM) equipped with a ThermoFisher's Titan Krios G4 and K3 detector as well as local core facilities. The Doctoral program also includes a mentoring plan and a wide range of courses, workshops and transversal activities to expand the scientific skills and career prospects.

Application procedure:

Motivated candidates, holding a Master Degree in Sciences, are asked to apply online [form](#) and indicating [43131](#) as reference.

Applications should include a motivation letter and a CV with qualifications.

