



# Predoctoral Opportunity in Structural Biology

**Application Deadline: January 15<sup>th</sup>, 2025**

The Membrane Trafficking Lab, led by Dr. Aitor Hierro at Instituto Biofísica (University of the Basque Country, Leioa, Spain), is offering a full-time four-year Ph.D. position in structural biology, supported by The Spanish Ministry of Science, Innovation, and Universities. The contract will be part of the grant PID2023-151986NB-I00, funded by MCIU/AEI/10.13039/501100011033 and funded by the FSE+.

## About the Project

Join a pioneering project focusing on how proteins are recycled inside the cell, with a direct impact on understanding neurodegenerative diseases like Parkinson's and Alzheimer's. Using cutting-edge techniques such as cryo-electron microscopy, cryo-electron tomography, and X-ray crystallography, the project aims to uncover novel protein mechanisms and their links to disease.

## Why Apply?

- *Top-notch Facilities:* Work with state-of-the-art equipment, including the Basque Resource for Electron Microscopy's ThermoFisher Titan Krios G4.
- *Comprehensive Training:* Benefit from a personalized mentoring plan, diverse workshops, and scientific skill-building activities to accelerate your career.
- *Inclusive Environment:* We are deeply committed to fostering a culture that embraces diversity and empowers all individuals to feel valued, respected, and supported.

## Who Should Apply?

We welcome motivated candidates with a Master's degree in sciences, a background in biochemistry or biophysics, and strong English communication skills. **Apply via the Biofísica website, including "Job Application: 127\_AHierro FPI" in the subject line.**

Candidates must comply with the corresponding requisites established in the "Proyectos de Generación de Conocimiento 2023" call of the MCIU.

## Evaluation criteria

Our selection is based on a transparent evaluation of academic and research achievements and the unique contributions you'll bring to the team.

Criterion 1 will assess the candidate's academic and scientific track record (up to 50 points), including scientific contributions (up to 45 points) and the impact of stays at prestigious institutions (up to 5 points).

Criterion 2 will evaluate the candidate's suitability for research activities (up to 50 points), considering their prior training, experience, and the added value they will bring to the research project.

Shortlisted candidates will be invited for an interview.

Join us on this exciting journey—Applications should be made as soon as possible as they will be considered upon arrival.