



## PhD Opportunity in Structural Biology

**Application Deadline: March 15, 2025**

The Membrane Trafficking Lab, led by Dr. Aitor Hierro at Instituto Biofisika (University of the Basque Country, Leioa, Spain), is offering a fully funded, four-year PhD position in structural biology. This position is supported by the Spanish Ministry of Science, Innovation, and Universities under grant PID2023-151986NB-I00, funded by MCIU/AEI/10.13039/501100011033 and the FSE+.

### About the Project

Join us in understanding how proteins are recycled within cells, a fundamental process with direct implications for neurodegenerative diseases like Parkinson's and Alzheimer's. Using state-of-the-art techniques, including cryo-electron microscopy, cryo-electron tomography, and X-ray crystallography, you will explore groundbreaking protein mechanisms that could shape the future of biomedical research.

### Why Join Us?

- World-Class Research Facilities – Work with cutting-edge technology, including the Titan Krios G4 at the Basque Resource for Electron Microscopy.
- Comprehensive Training & Mentorship – Benefit from a structured development plan, including hands-on training, scientific workshops, and career-building activities.
- A Supportive, Inclusive Environment – Be part of a diverse and collaborative team that values creativity, innovation, and scientific excellence.

### Who Should Apply?

We are looking for highly motivated candidates with:

- ✓ A Master's degree in sciences (biochemistry, biophysics, or related fields)
- ✓ A strong passion for structural biology and scientific discovery
- ✓ Proficiency in English and excellent communication skills

### How to Apply


Submit your application via the Biofisika website, including “**Job Application: 131\_AHierro FPI**” in the subject line. Candidates must meet the eligibility requirements of the “Proyectos de Generación de Conocimiento 2023” call by the MCIU.

### Selection Process

Our evaluation process is designed to recognize excellence and potential:

- Criterion 1: Academic and scientific track record (up to 50 points) – including scientific contributions (up to 45 points) and research stays at top institutions (up to 5 points).
- Criterion 2: Research potential and suitability (up to 50 points) – assessing prior training, experience, and the unique value you bring to the project.

Shortlisted candidates will be invited for an interview.

 Don't miss this opportunity to be part of cutting-edge research! Applications will be reviewed on a rolling basis, so we encourage early submissions.