

FUNDACIÓN BIOFÍSICA BIZKAIA/ BIOFISIKA BIZKAIA FUNDAZIOA

RESEARCH POSITION OFFER

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The **Institute of Biophysics (IBF)** is a joint research centre of the University of the Basque Country (UPV/EHU) and the Spanish National Research Council (CSIC). In collaboration with **Fundación Biofísica Bizkaia (FBB)**, the centre advances knowledge on the physical and chemical processes underlying biology and disease. With FBB accredited as a **Basque Excellence Research Centre (BERC)** by the Basque Government, the IBF–FBB partnership enjoys a strong national and international reputation and provides outstanding shared facilities for advanced biophysical and structural biology research in a new building on the main UPV/EHU Leioa campus.

Position and Project Description

We are offering a **research position** in the **Antibody Engineering & Membrane Biophysics in Disease Lab** at the IBF (Leioa), under the supervision of **Dr. Edurne Rujas**.

The research project focuses on generating and characterizing **non-agglutinating anti-A, anti-B, and anti-Rh antibodies** to enable accurate blood typing. These efforts are part of a broader research project aimed at studying **drug-induced hemolysis in G6PDH-deficient individuals**. The ideal candidate will have a strong background in **antibody engineering** and be capable of contributing effectively to the team's research objectives.

The **maximum duration** of the contract is **until 30th September 2028**.

Required Background and Qualifications

- Highly qualified applicants, preferably with a **Master's degree** in Biology, Biotechnology, Biochemistry, or a related field.
- Strong written and oral communication skills in **English** are valued.
- Experience in **recombinant antibody production**, molecular biology, cell culture, and biophysical characterization (e.g., SPR, DSC, crystallography), as well as in vitro functional assays, is a plus.

Application Process

IBF is an **equal opportunity employer committed to diversity**.

Applications should be submitted through the [Biofisika website contact page](#) using the following subject: [**Job Application:** ERYSAFETY_143].

Applications should include a single PDF file with:

- Curriculum Vitae
- Motivation letter
- Contact details of 2 referees

Deadline: 20th December, 2025

Applications are reviewed **upon arrival**, so early submission is encouraged.