

## OFFER – Master degree in Chemistry

Publication date: October 20, 2023

The IBF is a joint research centre of the University of the Basque Country (UPV/EHU) and the Spanish National Research Council (CSIC). In partnership with Fundación Biofísica Bizkaia (FBB), the centre focuses on advancing knowledge about the physical and chemical processes underlying biology and disease. With the FBB accredited as a Basque Excellence Research Centre (BERC) by the Basque Government, the IBF and FBB partnership enjoys a strong national and international reputation, and 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.

### Offer and description of the project

We invite highly motivated candidates to apply for an immediately available Research Assistant position in the laboratory of Dr. Vadim Frolov at the Basque Centre for Biophysics (IBF; [www.biofisika.org](http://www.biofisika.org)) in Leioa, Spain.

The candidate will apply advanced biophysical techniques, such as single molecule fluorescence microscopy, atomic force microscopy and nanopore molecular sensing, to characterize nanomechanical properties and mechano-sensing by synthetic tubular membrane network. The work will be conducted in the membrane nanomechanics group focused on unraveling and exploring fundamental molecular mechanisms of cellular membrane morphogenesis and remodeling, in life and disease.

### Required background

We seek highly qualified applicants with master degree in chemistry, experience in thin film technologies, electrochemistry and nanoscale characterization of surfaces. Proficiency in data analyses and programming is desirable.

We are an equal opportunity employer committed to diversity. Applications should be addressed through the Biofisika website contact page (<http://biofisika.org/contact/>), adding the following subject: [Job Application: *115\_VFrolov*]. It is recommended that applications are made as soon as possible as they will be considered upon arrival. Applications in a single pdf file must include:

- Curriculum Vitae and motivation letter.

**Deadline: November 17, 2023**