

RESEARCH ASSISTANT 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 assistant position** at the IBF (Leioa), under the supervision of **Dr. Dmitry Sinelshchikov**.

The research project focuses on the development of novel mathematical models in biophysics and methods for their investigation. Possible specific topics include but are not limited to mathematical modeling of cavitation processes with applications to biomedicine, mathematical modeling of wound healing and mathematical modeling of cancer. There is also an opportunity to develop and apply analytical and numerical methods for studying dynamical systems. The ideal candidate will have a strong background in any of the following areas **mathematics, applied mathematics, physics and engineering**, and will be capable of contributing effectively to the team's research objectives.

The **maximum duration** of the contract is **nine months**.

Required Background and Qualifications

- Highly qualified applicants, preferably with a **bachelor degree in mathematics, applied mathematics, physics and engineering**.
- Strong written and oral communication skills in **English** are valued.
- **Experience in dynamical systems or mathematical modeling in biology**, as well as a **high GPA in the bachelor's degree**, 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: 142_ Research Assistant Position]**.

Applications should include a single PDF file with:

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

Deadline: 31.01. 2026

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