

Offer for a Research Technician Contract

Position: Research Technician (Technical Support Staff for Research)

Project Reference: PID2024-155225NB-I00

Research Group: Structural Microbiology Laboratory

Research Centre: Fundacion Biofísica Bizkaia, located at Instituto Biofísica (CSIC, UPV/EHU)

Contract Duration: maximum 3 years

Project Description: This Research Technician contract is linked with the project "Structure-function studies of Type VI secretion system toxins (T6SS-TOXINS)", grant PID2024-155225NB-I00 funded by MICIU/AEI/10.13039/501100011033 and ERDF, EU. This project aims to enhance our understanding of bacterial competition and pathogenicity by exploring the molecular mechanisms and high-resolution structures of bacterial protein toxins. The research employs advanced structural, biophysical, and biochemical techniques, with a strong emphasis on cryo-EM, X-ray crystallography, and various laboratory assays. The technician will play a vital role in the practical implementation and support of these scientific activities.

Key Responsibilities and Tasks: The successful candidate will deliver essential technical support for the research project, which may include, but is not limited to:

- Assisting with the expression and purification of proteins.
- Preparing samples for advanced structural techniques such as cryo-EM and X-ray crystallography.
- Supporting the setup and execution of biochemical and biophysical assays.
- Maintaining laboratory equipment and ensuring the availability of necessary reagents and supplies.
- Documenting experimental procedures and results accurately.
- Contributing to the general organisation and smooth operation of the laboratory.

Candidate Profile: We are seeking a highly motivated and skilled individual with a strong commitment to scientific research.

- **Education:** Candidates should possess a university degree (e.g., Bachelor's or equivalent) in a relevant scientific field such as Biochemistry, Molecular Biology, Biology, Chemistry, or a related discipline.
- **Experience:** Prior laboratory work, especially in protein expression and purification, molecular biology techniques, or biophysical methods, will be highly valued.
- **Skills:** Strong organisational skills, attention to detail, problem-solving abilities, and the capacity to work effectively both independently and as part of a multidisciplinary team are essential.

Application Process: Applications should be addressed through the Biofísica website *join us* page (<https://www.biofisika.org/en/join-us>), adding the following subject: **138_DAlbesa Technician**. Interested candidates should submit their CV and contact details from a previous employer or supervisor by **30 September**.