




## Company Description

Biobizkaia Health Research Institute is a Scientific Institution created by the Department of Health of the Basque Government, the Basque Health Service (Osakidetza), The University of the Basque Country, the Basque Foundation for Innovation and Research (BIOEF) and BBK Fundazioa.

## Information

 Deadline: 2025-01-08  
 Category: Business  
 Province: Bizkaia

 Country: Basque Country  
 City: Barakaldo

## Company

Biocruces Bizkaia Health Research Institute



## Main functions, requisites & benefits

### Main functions

To conduct advanced molecular and cellular biology experiments that include: Isolation and characterization of RNAs, generation of sequencing libraries. RNA microscopy both in living cells and in fixed cells/tissue (FISH). Ribonucleoprotein purification, primary neuronal culture, and longitudinal survival analysis, among others methodologies. Interpret data, obtain results and extrapolate their relevance to next build scientific publications. Participate in scientific seminars, as well as in Meetings/Conferences where the student will present his results. Collaborate in maintenance of the Brain Lab at the IIS Biobizkaia institute.

### Requisites

Requirements: Bachelor Degree in Biochemistry, Biology, Biotechnology (or related careers). We will value (out of 100 points): The evaluation process will take into consideration: The academic and/or scientific record of the candidate (0-50 points). Within this category, we will consider: Scientific/Technological contributions (0-45 points). We will value the academic record and other scientific merits presented in the candidate curriculum vitae, as well as the way these merits and professional experience match the actual needs of the Project. Mobility and Internationalization (0-5 points). The relevance and impact of scientific stages in national or international research institutes and/or in biotechnological companies will be valued. Specifically, we will examine the prestige of these research centers, and the activity conducted in them. Adequation of the candidate to the Research Activities to be conducted (0-50 points). The adequation of the candidate to the Project or Research Activities programmed, based on her/his previous experience. In this sense, we will take into consideration the added value that the PhD thesis will have in her/his research career, as well as the added value brought to the Biobizkaia Institute and to the Brain Lab. Among other aspect, we will inspect the Expertise in the isolation and characterization of RNA (0-10 points). We will value the stages in laboratories focused in the study of RNA regulation (>3 months of duration). Also, we will value the participation of the candidate in research projects methodologically related to RNA (for instance, Master Thesis projects). Masters in Molecular Biology or Biomedicine will be also appreciated. Experience in cellular biology (0-5 points). We will value cell culture and microscopy skills (immunofluorescence, time-lapse imaging, FISH, etc.). Bioinformatic skills (0-5 points). Programming abilities, and training in Bioinformatics masters will be valued. English and Basque communication abilities (oral and written) (0-10 points). We will value the English/Basque language certification, and the use of English in the personal interview. Personal interview with the candidate, to explore the training and understand the motivation of the candidate (up to 25 points).

### Benefits

Type of contract: Pre Doctoral. Dedication: Full time. Annual Gross Remuneration: 20.808 euros/year. Contract Sponsor: Ministerio de Ciencia, Innovación y Universidades. Brain Lab, Biobizkaia Health Research Institute. Expected start date: Immediate. The project PID2023-151717OB-I00 is financed by MCIN/ AEI /10.13039/501100011033/ FEDER, E