




## 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:** 2023-12-02  
 **Category:** Business  
 **Province:** Bizkaia

 **Country:** Basque Country  
 **City:** Barakaldo

## Company

Biocruces Bizkaia Health Research Institute

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 instituto de investigación sanitaria

## Main functions, requisites & benefits

### Main functions

To collect and purification of NK cells and T cells from peripheral blood. T cell cultures and viral infections. In vitro phenotypic and functional characterisation of NK cells by means of flow cytometry-based assays, determination of cell cytotoxicity, antibody-dependent cell cytotoxicity, proliferation, etc. Immunofluorescence. ELISAs. To analyze and interpret results. To communicate results.

### Requisites

Bachelor's Degree or Higher Degree in Health Sciences. Experience in Research in the area of Immunology. Knowledge and Experience in Cell Culture Techniques: Culture of immortalised cell lines, primary cultures of peripheral blood mononuclear cells, in vitro cell stimulation, cell functionality assays, cell purification and enrichment. Knowledge of spoken and written English. Eligibility Criteria: Experience with in vitro models of infections (0-25). Knowledge and experience in flow cytometry: panel design, phenotyping studies, functional studies (degranulation, determination of cytokine and chemokine production), use of data analysis software: Diva, FlowJo, etc. (0-25). Knowledge of the subject of study: immunology and infections (0-5). Possession of a doctoral degree (0-10). Interest in carrying out a doctoral thesis (0-10). Knowledge and experience in transfection (0-5). Number of publications (0-5). Knowledge and experience in other biomedical laboratory techniques: ELISA, fluorescence microscopy, molecular biology, western blot, etc. (0-5). Spoken and written knowledge of Basque (0-5). Minimum 33% disability certificate (0-5).

### Benefits

Contract: Temporary. Working Day: 100%. Estimated gross annual remuneration: 23.854 – 26.434 € gross per year. Place of Work: Biobizkaia Health Research Institute. Unit or Service: Immunopathology. Expected Start Date: Immediately. This contract is funded by grant PID2019-109583RB-I00/AEI/10.13039/501100011033 from the Agencia Estatal de Investigación (AEI), Ministerio de Ciencia e Innovación (Spanish Ministry of Science and Innovation).