




## Company Description

Biocruces Bizkaia 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: 2022-06-06  
 Category: Business  
 Province: Bizkaia

 Country: Basque Country  
 City: Barakaldo

## Company

Biocruces Bizkaia Health Research Institute



## Main functions, requisites & benefits

### Main functions

Obtaining and purification of NK cells from peripheral blood, included in a GMP environment. NK cell cultures, included in GMP environment. In vitro phenotypic and functional characterization of NK cells by means of assays based on flow cytometry, determination of cellular cytotoxicity, antibody-dependent cellular cytotoxicity, proliferation, etc. Establishment of in vivo models of cell therapy based on NK cells. ELISAs. Analysis and interpretation of results. Communication of results

### Requisites

Requirements: Title of Doctor in Health Sciences. Experience in research in the area of Immunology. Knowledge and experience in flow cytometry: panel design phenotyping studies functional studies (calcium mobilization, degranulation, determination of cytokine and chemokine production) management of data analysis software: Diva, FlowJo, etc. Knowledge and experience in cell culture techniques: culture of immortalized 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 and in vivo models of anti-tumor immunotherapy (25%). Work experience in a GMP environment (25%). Knowledge and experience in preparing documentation for Products in the Investigation Phase (PEI) for conducting clinical trials (15%). Knowledge about the subject of study: cancer immunotherapy, adoptive cell therapy and NK cells (10%). Number of publications as first author, corresponding author and/or last author in indexed journals in the area of Immunology (5%). Certificate of aptitude that allows carrying out experimental procedures with animals (Category B) (5%). Knowledge and experience in other biomedical laboratory techniques: ELISA, fluorescence microscopy, molecular biology, western blot, etc. (5%). Spoken and written knowledge of Basque (5%). Certificate of minimum disability 33% (5%).

### Benefits

Contract: Temporary. Day: Full day. Estimated gross annual compensation: The gross annual salary will be € 28,000 up to € 32,000. Workplace: Immunopathology Group. Expected start date: immediate