

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: 2025-06-11
 Category: Business
 Province: Bizkaia

 Country: Spain
 City: BARAKALDO

Company

Biocruces Bizkaia Health Research Institute



Main functions, requisites & benefits

Main functions

Obtaining PBMCs from peripheral blood and buffy coats. Purification and culture of NK cells. Culture of cell lines. Functional assays with NK cells: natural cytotoxicity, ADCC and cytokine production. Design of panels for flow cytometry (more than 12 colours) and spectral cytometry. Acquisition of samples in cytometers. Analysis and interpretation of results.

Requisites

Requirements: Bachelor's or Bachelor's degree in Health Sciences. Master's degree in progress or completed within the last two years. Knowledge and experience in flow cytometry techniques: extraction and quantification of PBMCs, design of flow cytometry panels of more than 12 colours, supervised and unsupervised analysis in FlowJo, tSNE, UMAP, FlowSOM, etc. (At least 6 months of experience). Spoken and written English (minimum level B2). Eligibility criteria: 100 points Experience in the study of immune cell subpopulations. (0-40). Knowledge and experience in other cell and molecular biology laboratory techniques: western blots, PCR, cell cultures, microscopy, etc. (0-25). Knowledge of computer programmes: Microsoft Office (Word, Excel, Powerpoint, etc.), GraphPad Prism, R, Ensemble, etc. (0-20). Spoken and written knowledge of Basque. (C1) (0-10). Certificate of disability (minimum 33%). (0-5)

Benefits

Contract: Temporary. Working day: Full-time. Basic salary for the category: 25.337 € gross per year full-time. Place of work: Instituto de Investigación Sanitaria Biobizkaia. Unit or service: Immunopathology Group. Planned start date: July 2025. The 2020111045 project is funded by the Basque Government's Department of Health.

