




Company Description

Biobizkaia (formerly 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: 2023-06-16
 Category: Business
 Province: Bizkaia

 Country: Basque Country
 City: Barakaldo

Company

Biocruces Bizkaia Health Research Institute

**biocruces
bizkaia**
 osasun ikerketa institutua
 instituto de investigación sanitaria

Main functions, requisites & benefits

Main functions

Participate in the PMP21/00077 project and in research projects related to paediatric cancer: Carrying out the necessary procedures for the start-up and development of the PMP21/00077 project at IIS Biocruces Bizkaia. Coordination with the rest of the genomic nodes and centres adhered to this multicentre project to facilitate networking between the participating centres, patient recruitment and the performance of precision medicine studies in paediatric neoplasms. Management and processing of biological samples (fresh/frozen tumour, bone marrow, paraffin samples, peripheral blood, cerebrospinal fluid). Sequencing, interpretation and classification of germline and somatic variants identified by NGS, submission of results, interpretation and preparation of research reports. Organisation and management of biological sample shipments to facilitate the multicentre work proposed in the project, at the level of molecular characterisation, identification of cancer predisposition syndromes and assessment of the different risk subgroups by means of genetic, epigenetic and methylation profiling studies. Interpretation, submission of results and preparation of reports. Preparation and presentation in team meetings of documentation related to the project: SOPs, interpretation guides, surveys, article writing, project monitoring reports. Supporting the research initiatives of the paediatric oncology group and networking with other paediatric cancer research groups. Communication and presentation of results in the different working groups of the project and at scientific meetings. Participation in other research lines of the group related to paediatric cancer in the search for biomarkers and genetic/epigenetic characterisation of solid and haematological tumours in children. Participation in national and international networks of genetics and precision medicine in paediatric cancer. Active participation in the teaching tasks of the group (seminars, courses and staff training). Preparation of publications and participation in the dissemination and diffusion of results, both scientifically and socially.

Requisites

Requeriments: Master's Degree in Health Sciences (Biology, Biochemistry, Genetics, Medicine, Nursing or other related degrees). English (min. B1). Eligibility Criteria: Experience in basic/pre-clinical research, with experience in working with. Master's degree in the areas of Molecular Biology and Cancer Genetics and accredited knowledge of the genetic basis of cancer, especially paediatric cancer (40 points). Proven experience in Molecular Biology/Genetics laboratory with expertise in nucleic acid extraction, PCR, NGS, analysis and interpretation of variants and management of genomic databases (Varsome, Varseq, COSMIC, Clinvar, UCSC, oncoKB, PeCan, cBioportal). Experience in other molecular techniques such as qPCR, RNAseq (20 points). Participation in research projects related to paediatric cancer (publications, presentations at conferences, collaborations in national and international working groups) (20 points). Professional experience in Health Research Institutes and clinical research groups with experience in managing patient samples, drafting informed consents and processing projects in Clinical Research Committees and knowledge of clinical trials and clinical and paediatric research regulations. (15 points). Certificate of disability minimum 33% (5 points)