



The Vall d'Hebron Research Institute (VHIR) is a public sector institution that promotes and develops the research, innovation and biosanitary teaching of the Vall d'Hebron University Hospital. Through the excellence of our research, we identify and apply new solutions to the health problems of society and we contribute to spread them around the world.



HR EXCELLENCE IN RESEARCH

In April 2015, the **Vall d'Hebron Research Institute (VHIR)** obtained the recognition of the European Commission **HR Excellence**.

This recognition proves that VHIR endorses the general principles of the European Charter for Researchers and a Code of Conduct for the Recruitment of Researchers (**Charter & Code**).

VHIR embraces Equality and Diversity. As reflected in our values we work toward ensuring inclusion and equal opportunity in recruitment, hiring, training, and management for all staff within the organization, regardless of gender, civil status, family status, sexual orientation, religion, age, disability or race.

Childhood Cancer Genomics Scientist

Childhood Cancer & Blood Disorders

The Childhood Cancer & Blood Disorders group at VHIR is composed of clinical, translational and basic researchers. The group has three laboratories (Sarcomas lab, Neural Tumors lab and Rare Anemia Disorders lab) and three research programs (Personalized Medicine, Clinical Trials Unit and Stem Cell & Advanced Therapies).

Childhood cancer remains a challenge for our society with an unacceptable number of children dying from disease recurrence or suffering sequelae from intensive therapy. Incorporating high level Personalized Medicine in standard treatment of childhood cancer offers a unique opportunity to improve survival and reduce morbidities for all children. The main goals of our Personalized Medicine Program are: 1) to facilitate access to novel therapies for children and adolescents with cancer where standard treatment has failed and 2) to improve outcomes of childhood cancers through the implementation of personalized medicine, based on the improved molecular understanding of tumor biology which guides combination trials against multiple hallmarks of cancer and improve access to targeted therapies at relapse.

JOB DESCRIPTION

The candidate will join the Personalized Medicine Program team and she/he will be in charge of analyzing and interpreting massive sequencing data (WES and RNAseq) and write molecular reports. In addition, she/he will give support to other ongoing Personalized Medicine projects.

Education and qualifications:

Required:

- Bachelor's Degree in Sciences (Biology, Biochemistry, Pharmacy, Biotechnology, Genetics, Medicine, etc..) and Master
- Good command of Spanish & English

Desired:

- PhD in molecular biology, biomedicine, genetics & genomics, bioinformatics or similar



The Vall d'Hebron Research Institute (VHIR) is a public sector institution that promotes and develops the research, innovation and biosanitary teaching of the Vall d'Hebron University Hospital. Through the excellence of our research, we identify and apply new solutions to the health problems of society and we contribute to spread them around the world.



HR EXCELLENCE IN RESEARCH

In April 2015, the **Vall d'Hebron Research Institute (VHIR)** obtained the recognition of the European Commission **HR Excellence**.

This recognition proves that VHIR endorses the general principles of the European Charter for Researchers and a Code of Conduct for the Recruitment of Researchers (**Charter & Code**).

VHIR embraces Equality and Diversity. As reflected in our values we work toward ensuring inclusion and equal opportunity in recruitment, hiring, training, and management for all staff within the organization, regardless of gender, civil status, family status, sexual orientation, religion, age, disability or race.

Experience and knowledge:

Required:

- Knowledge of next generation sequencing, whole exome sequencing & RNA sequencing techniques and interpretation of results
- Knowledge of cancer biology
- Experience working in genomics

Desired:

- Previous experience in cancer genomics and biology of pediatric cancers
- Experience in translational and/or clinical research
- Ability to participate in national and international Precision Oncology Programs and projects
- Knowledge of study databases & bioinformatics
- Motivation for research
- Autonomy and proactive
- Good communication skills and good team player

Main responsibilities and duties:

- Analysis and Interpretation of massive sequencing data (WES, RNAseq and WGS for pediatric patients)
- Elaboration of molecular reports
- Participation in molecular tumor boards
- Give support on the Personalized Medicine Program coordination
- Participation in translational and clinical research projects and international collaborations
- Prepare presentation of results, communication material and scientific manuscripts for publications
- Participation in laboratory outreach activities



The Vall d'Hebron Research Institute (VHIR) is a public sector institution that promotes and develops the research, innovation and biosanitary teaching of the Vall d'Hebron University Hospital. Through the excellence of our research, we identify and apply new solutions to the health problems of society and we contribute to spread them around the world.



HR EXCELLENCE IN RESEARCH

In April 2015, the **Vall d'Hebron Research Institute (VHIR)** obtained the recognition of the European Commission **HR Excellence**.

This recognition proves that VHIR endorses the general principles of the European Charter for Researchers and a Code of Conduct for the Recruitment of Researchers (**Charter & Code**).

VHIR embraces Equality and Diversity. As reflected in our values we work toward ensuring inclusion and equal opportunity in recruitment, hiring, training, and management for all staff within the organization, regardless of gender, civil status, family status, sexual orientation, religion, age, disability or race.

Labour conditions:

- Full-time position: 40h/week.
- Starting date: July-August 2022.
- Gross annual salary: 23.000-25.000 € euros (Remuneration will depend on experience and skills. Salary ranges are consistent with our Collective Agreement pay scale)
- Contract: Permanent

What can we offer?

- Incorporation to Vall d'Hebron Research Institute (VHIR), a public sector institution that promotes and develops the biomedical research, innovation and teaching at Vall d'Hebron University Hospital (HUVH), the biggest hospital of Barcelona and the largest of Catalan Institute of Health (ICS).
- A scientific environment of excellence, highly dynamic, where high-end biomedical projects are continuously developed.
- Continuous learning and a wide range of responsibilities within a stimulating work environment.
- Personal training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more).

How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference **“Childhood Cancer Genomics Scientist 2022”** to the following email addresses: aroa.soriano@vhir.org and seleccio@vhir.org