



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.



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)**.

Thus, there are no restrictions of gender, national origin, race, religion, sexual orientation or age and **candidates with disabilities are strongly encouraged to apply.**

Postdoctoral Research Scientist Transfusion Medicine

Vall d'Hebron Research Institute (VHIR) is a public sector institution, located in Barcelona (Spain) that promotes and develops innovative biomedical research at the University Hospital Vall d'Hebron. VHIR is oriented towards finding solutions to the health problems of the citizens and has the will to contribute to the scientific, educational, social and economic development within its area of competence around the world.

VHIR offers a vacant position for Postdoctoral Research Scientist within the Genomic Platform of Blood and Tissue Bank (<https://www.bancsang.net/recerca/>)

JOB DESCRIPTION

Education and qualifications:

Required:

- PhD in Life Sciences

Experience and knowledge:

Required:

- Knowledge in molecular biology: DNA and RNA extraction, PCR, RT-PCR, Long-PCR, primer design and PCR optimization
- Experience in library prep for NGS: Fluidigm, fragmentation, ligation and capture protocols
- Proven experience in NGS with Illumina platforms
- Strong background on data analysis of large amounts of samples from NGS (fastq, bed, bam and vcf files) and knowledge in bioinformatics tools for sequencing analysis (BaseSpace, GenDX, CLCBio, Variant Studio, Variant Interpreter)
- Good communication skills and fluency in spoken and written English.
- Strong sense of responsibility, organization, initiative and self-motivation.
- Social skills and ability to work as a team

Desired:

- It will be highly valued to have knowledge in the field of molecular biology of hematology, hemostasis and immunobiology.

Main responsibilities and duties:

The selected person will be incorporated into the Genomic Platform of Blood and Tissue Bank. The main duties will be:

- Provide technical support to those researchers who intend to apply NGS techniques to their work in: project design, development, execution and analysis of data.
- Participation in internal and external work groups for the development of I+D+i and business projects
- Perform data analysis and participate in the discussion of results, writing reports and derived research articles.
- It will also be responsible for managing databases and exploiting the results.
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Labour conditions:

- Starting date: 09/01/2019
- Length of the contract: One year
- Working hours: Full-time (40h/week)
- Gross annual salary: 24,240€

How to apply:

Applicants should submit a full Curriculum Vitae and a presentation letter with the reference "Postdoctoral Research Scientist" toseleccio@vhir.org and icorrales@bst.cat before 31 of December 2018.