



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 Researcher

### Blood and Tissue Bank

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 vacant for a Postdoctoral Researcher position to work in the project: Development of a decelularization method of cardiac valves to be used in valvular replacement surgery within Blood and Tissue Bank Group. More information can be found here <http://en.vhir.org/portal1/grup-equip.asp?t=transfusional-medicine&s=recerca&contentid=187075>

#### JOB DESCRIPTION

##### Education and qualifications:

##### Required:

Have a PhD in chemistry, biology, biochemistry, biomedicine, or similar.

##### Experience and knowledge:

##### Required:

- Have experience in applied research.
- Experience in bioengineering laboratory techniques
- Experience in cell cultures (classic 2D cell cultures and three-dimensional cell cultures)
- Knowledge in molecular biology, genomics and proteomics.
- Management of research laboratory.
- Writing of scientific documentation.
- Person who knows how to work in a team, autonomous and with initiative.

##### Desired:

- Experience in flow cytometry technique

- Experience in fluorescence microscopy
- Experience in histological sample preparations
- Experience working with animal models

#### Main responsibilities and duties:

- Lead the research project: experimental design, Run the experimental design, data analysis, writing of technical reports and oral research communications.
- Review scientific and technical reports related to the research project.
- Report to supervisors the progress of the project.
- Participation in tasks related with the research laboratory.
- Collaboration with other researchers in all tasks necessary to achieve the company's objectives.
- Writing of scientific articles.
- Develop different protocols associated to the project.
- Drafting of protocols associated with the different techniques that will be developed during the project.
- Support the research group in basic laboratory routines.

#### Skills:

- Communication skills in meetings, formal presentations, informal discussions and written documentation.
- Flexibility and adaptability to a changing environment.
- Time management skills: plan, organize and prioritize.
- Teamwork skills.
- Skills to work autonomously and with initiative.

#### Labour conditions:

- Full-time position (40h/week).
- Starting date: September 2018.
- Length of the contract: until end of the project.
- Gross annual salary: 24,240 Euros.

#### How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "PMP researcher" to the following email addresses: [palopez@bst.cat](mailto:palopez@bst.cat) and [seleccio@vhir.org](mailto:seleccio@vhir.org).