



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.**



Predocctoral student

Translational Bioinformatics research group

VHIR offers vacancy/vacant position for a **predocctoral student** within the **Unit/Group Translational Bioinformatics**. More information about our group can be found www.vhir.org/gr/transbioinf

JOB DESCRIPTION

Education and qualifications:

Required:

- Degree in biotechnology or related areas.

Experience and knowledge:

- Experience using bioinformatics tools for the processing and interpretation of sequencing experiments.
- Experience in the use of in silico tools for the annotation of mutations, e.g. SIFT, PolyPhen-2, PON-P2, etc.
- Experience in the use of machine learning tools and data modelling.
- Skills in the biological interpretation of genomic data will be valued.
- Background in mathematics will be valued.

Main responsibilities and duties:

- Develop pathogenicity predictors integrating the results of several tools.
- Prepare de elaboration of a mutation report in line with the web developed in the laboratory.
- Analysis of cancer-related WES data.
- Take care of the maintenance of the results generated and their preservation.
- Analysis of data from epigenomic experiments.

Labour conditions:

- Gross annual salary: 17,500 €.
- Contract length: 1 year.

HOW TO APPLY

Applicants should submit a full Curriculum Vitae and a cover letter with the reference BIOTRANS to the following email addresses: xavier.delacruz@vhir.org and seleccio@vhir.org before 9/02/2017.

