



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

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

JOB DESCRIPTION

Education and qualifications:

Required:

- Degree in biology or related areas
- Master in Genetics or close areas

Experience and knowledge:

Required:

- Experience using bioinformatics tools for the 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 developing and working with clinical Cost models for assessing the performance of in silico pathogenicity predictors
- Experience in Python and R

Desired:

- Experience in the biological interpretation of genomic data will be valued

Main responsibilities and duties:

- Develop pathogenicity predictors integrating molecular and clinical information
- Develop Cost models for in-house and external in silico tools
- Take care of the maintenance of the results generated and their preservation.

Labour conditions:

- Full-time position (40h/week).
- Starting date: 1st September 2017.
- Length of the contract: 1 year.
 - Gross annual salary: 15756 euros.

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 the 10th august of 2018