

Predoctoral position

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.

The [Genetics Medicine Group](#) is offering a position for a Predoctoral Scientist (Project PMP-15/00025).

Requirements

- Degree in the area of experimental Biomedicine (Biology, Biochemistry, Biotechnology or Biomedicine)
- Master degree in the field of biomedicine or bioinformatics.
- Bioinformatic experience and training in biomedical projects (preferably with a clinical side).

Profile:

- Experience in the processing and analysis of high-throughput experiments (microarrays, NGS, etc).
- Advanced knowledge of Linux / Unix. Knowledge of programming languages (Ruby, Perl, Python, Java, ...)
- Medium / high level of spoken and written English.
- Experience in similar positions.
- Knowledge of the environment statistical analysis R.

Tasks:

- Study and implementation of algorithms and variant calling pipelines to detect variations from massive sequencing data. Provision of analysis in the context of genome projects.
- Development and start-point pipelines for filtering and selection of variants and analysis of variants pathogenicity.
- Bioinformatics assistance and support to the group. Assist in everyday informatics support.
- Interaction and participation with researchers.

Labor conditions:

- Temporary position: duration 1 year.
- Full time position.
- Gross Annual Salary: 21,782.00€.

Interested candidates must send the following document to secretariagenetica@vhebron.net and seleccio@vhir.org with the reference "PredocBioinformatics"