



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.**

## The Pediatric Neurology PhD candidate to apply for PFIS grants

VHIR offers a vacant position to apply for PFIS predoctoral fellowships within the Pediatric Neurology group to join the project entitled "Evaluation of NGS candidate gene causality in developmental epileptic encephalopathies" (PI20/01803), under the supervision of Dr. Alfons Macaya. More information about our group can be found [here](#)

### JOB DESCRIPTION

#### Education and qualifications:

##### Required:

- Bachelor and Master Degree in Biology, Genetics, Biomedicine, Biotechnology or related disciplines. Candidates finishing their Master during 2021 are also eligible.
- Excellent degree record (minimum qualification of 8.5 out of 10 in the academic curriculum)

#### Experience and knowledge:

##### Required:

- Good molecular biology background
- High motivation, initiative, responsibility, organization and team work abilities
- Good communication skills

##### Desired:

- Previous experience in a lab in the field of genetics, biology and bioinformatics
- Previous experience in cell culture

#### Main responsibilities and duties:

- Processing human samples
- Next Generation Sequencing analysis

- Cell culture
- Fibroblasts to neurons transdifferentiation
- Molecular biology assays

#### Labour conditions:

- Full-time position (40h/week).
- Starting date: 1st January 2022
- Length of the contract: 4 years
- Gross annual salary: 20,600 euros (according to call)

#### How to apply:

Applicants should submit a full Curriculum Vitae (including academic records), references in lab experience, and a cover letter with the reference "Pre-Doc position at Pediatric Neurology" to the following email addresses: [anna.marce@vhir.org](mailto:anna.marce@vhir.org) and [seleccio@vhir.org](mailto:seleccio@vhir.org).