



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.**

Predoctoral. Cell Signalling & Apoptosis Research Group

VHIR offers vacancy/vacant position for **2 years** within the **Cell Signalling & Apoptosis group**

JOB DESCRIPTION

Education and qualifications:

Required:

- PhD Student, with a strong background in biochemistry and cell biology and fluent written & spoken English

Experience and knowledge:

Required:

- Expertise in the following techniques is mandatory: analysis of gene expression by RT-qPCR, western-blot, genotyping, immunofluorescence, immunohistochemistry, cell culture (cell lines, primary neurons), lentivirus production, shRNA-driven RNA interference, experimental animal handling (mouse models).
- Good knowledge and experience signaling pathways and in diabetic and retinal models will be a plus

Main responsibilities and duties:

- The successful candidate will join an ongoing research project (RECOGNISED) from Horizon2020 to identify the molecular mechanisms involved in brain pathology in diabetic retinopathy models

Labour conditions:

- Full-time position
- Start: Immediately
- Length of the contract: 2 years
- Gross annual salary: 16.500,00 – 22.086,00 € according to predoctoral years euros.

How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference RECOGNISED to the following email addresses: joaquin.lopez.soriano@vhir.org and (seleccio@vhir.org), before January 27th.

