



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.



HR EXCELLENCE IN RESEARCH

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**).

**VHIR embraces Equality and Diversity. As reflected in our values we work toward ensuring inclusion and equal opportunity in recruitment, hiring, training, and management for all staff within the organization, regardless of gender, civil status, family status, sexual orientation, religion, age, disability or race.**

## Research assistant

### Cerebral Amyloidosis line of research at the Neurovascular Diseases research group

Our group at the Neurovascular Research Lab studies the link between neurodegeneration and neurovascular dysfunction through in vivo and in vitro methodologies, including the use of transgenic amyloidosis mouse models, as well as human brain and plasma/CSF samples. Our aim is to explore the vascular contribution to the  $\beta$ -amyloidosis pathophysiology in order to provide new drug targets and diagnostic approaches for cerebral amyloid angiopathy and other pathologies associated with cerebral  $\beta$ -amyloid deposition, such as Alzheimer's disease.

The candidate will be incorporated in an ongoing national project: "Implication of proteins associated with vascular beta-amyloid in Cerebral Amyloid Angiopathy" funded by ISCIII.

#### JOB DESCRIPTION

##### Education and qualifications:

###### Required:

- PhD and Master degree in Neurosciences

##### Experience and knowledge:

###### Required:

- Strong background in biostatistics.
- Proven experience in working with cell cultures.
- Good communication skills and fluency in spoken and written English.
- Strong sense of responsibility, initiative, self-motivation and social skills as key personal abilities.



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### Desired:

- Experience in neurodegeneration and cerebrovascular fields.

### Main responsibilities and duties:

- Coordinate the recruitment, storage and handling of sample human cohorts.
- Experimentation using cell culture models, gene and protein analysis, assays using confocal microscopy, etc.
- Elaboration of reports.

### Labour conditions:

- Part-time position: 25h/week.
- Starting date: October 2023
- Gross annual salary: 14264,51 euros
- Contract: permanent linked to project



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## What can we offer?

- Incorporation to Vall d'Hebron Research Institute (VHIR), a public sector institution that promotes and develops the biomedical research, innovation and teaching at Vall d'Hebron University Hospital (HUVH), the biggest hospital of Barcelona and the largest of Catalan Institute of Health (ICS).
- A scientific environment of excellence, highly dynamic, where high-end biomedical projects are continuously developed.
- Continuous learning and a wide range of responsibilities within a stimulating work environment.
- Individual training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Programme (including dining checks, health insurance, transportation and more)
- Corporate Benefits: platform through which you can obtain significant discounts on travel, culture, technology, gastronomy, sports... among many others.
- Healthy Offering: choose from a variety of wellbeing focused activities to be the healthiest you.

## How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference “Research assistant” to the following email addresses: [seleccio@vhir.org](mailto:seleccio@vhir.org) and [mar.hernandez.guillamon@vhir.org](mailto:mar.hernandez.guillamon@vhir.org)

**Deadline to apply: 11-08-2023**