



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 in **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, nationality, religion, age, disability or race.



Postdoc Researcher

Ophthalmology Research Group

Specialization: Stem cells and organoids, cell therapy, animal models in retinal degenerative diseases

Supervisors: Dr. Miguel Zapata and Dr. Anna Duarri

Research topic: Retinal organoids as a tool for developing cell therapies to treat retinal degenerative diseases, file number: PID2021-122807OB-C32 and financed by Ministerio de Ciencia e Innovación-MICINN

We are seeking a talented and motivated junior postdoc to join a research team headed by Dr. Josep García Arumí, Dr. Anna Duarri and Dr. Miguel Zapata at the Vall d'Hebron Research Institut (VHIR)

<https://vhir.vallhebron.com/ca/recerca/ofthalmologia>

The successful candidate will have the opportunity to work on cell therapy to treat retinal diseases such as retinitis pigmentosa or age-related macular degeneration using retinal organoids as a model. The major research focus is on restoring retinal function in animal models.

Education and qualifications:

Required:

- PhD in the field of Life Sciences (Biological Sciences, Biomedical Sciences..)
- Animal Experimentation title is an advantage

Experience and knowledge:

Required:

- Communication skills and fluency in written and spoken English



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- Experience with small laboratory animals
- Experience in stem cells and organoids
- Experience in molecular and cellular biology techniques

Desired:

- Interest in learning, able to work independently, critical thinking
- Good computer skills, basic knowledge of bioinformatic and statistical analysis
- Teamwork, proactivity (ability to work independently when necessary), and well-organized and responsible person at work

Main responsibilities and duties:

- Gain experience in human stem cells and organoid systems
- Development of cell therapies, animal surgery, and in vivo monitoring
- Work with laboratory animals
- Gain experience in grant proposal and manuscript writing

Labour conditions:

- Full-time position: 40h/week.
- Starting date: immediate.
- Gross annual salary: 24.785,40€ /// (Remuneration will depend on experience and skills. Salary ranges are consistent with our Collective Agreement pay scale)
- Contract: permanent linked to project

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.



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- Personal training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more).

How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "Postdoc Researcher Ophthalm" to the following email addresses: anna.duarri@vhir.org , zapatavictori@hotmail.com and seleccio@vhir.org before 23 February 2023