



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.



Post-doc Researcher

Cardiovascular Diseases Research Group

VHIR offers vacancy/vacant position for a Postdoctoral Researcher within the Cardiovascular Diseases Research Group.

JOB DESCRIPTION

Education and qualifications:

Required:

- Doctor in Medicine, Biomedicine, Biology, Biochemistry, Biotechnology or equivalent degree related to health sciences
- English and Spanish fluent level (bilingual)

Desired:

- Fluency in Catalan

Experience and knowledge:

Required:

- It is required to demonstrate a minimum of 5 years of experience in R&D & Innovation laboratories related to the role's tasks.
- It is required to have previous publications in the field of cardiovascular research, preferably in the area of aging.

Main responsibilities and duties:

Post-doctoral researcher in the area of cardiovascular aging and cardioprotection:

- Development of cellular models of senescence and aging for proof-of-concept studies and development of new cardioprotective therapeutic strategies in the context of ageing.



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- Isolation of primary adult cardiomyocytes and cardiac mitochondrial subpopulations for functional, metabolic and biochemical studies
- Assessment of variables linked to these experimental models using physiology, cell and molecular biology techniques oriented to the cardiovascular field: High resolution microscopy, intracellular kinetics of calcium and other ions, cell death, PCR, Western blot, immunofluorescence, proximity ligation assay, blue native, cytometry.

Labour conditions:

- Full-time position: 40h/week.
- Starting date: immediately
- Gross annual salary: 24.785,40 €
- Contract: temporary

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.
- 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 "*Post-doc Cardiovascular.*" to the following email addresses: mteresa.fernandez@vhir.org and seleccio@vhir.org