



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.**



# Post-Doctoral Position

## Laboratory of Cardiovascular Diseases

VHIR offers a vacant position for a Post-Doctoral Researcher within the **Laboratory of Cardiovascular Diseases**. More information about our group can be found [here →](#)

### JOB DESCRIPTION

#### Education and qualifications:

##### Required:

- Bachelor's degree in Biology and/or Biochemistry
- Master's degree in Biomedicine

#### Experience and knowledge:

- Knowledge in cardiological studies
- Minimum 5 years of experience

#### Main responsibilities and duties:

- Isolation of differential cardiac mitochondrial subpopulations in murine and human tissue for biochemical and functional determinations (oximetry, absorbance and luminescence).
- Cell subfraction and quantification of the degree and location of terminally glycosylated proteins using ELISA and immunofluorescence
- Detection of molecular interaction between intracellular proteins using the Proximity Ligation Assay technique
- Enzymatic kinetics of the routes involved in the detoxification of precursors of advanced glycation products (AGEs).

#### Labour conditions:

- Position: post-doctoral
- Gross annual salary: 24.000,00 €
- Contract length: 1 year, starting 1 January, 2018

### HOW TO APPLY

Applicants should submit a full Curriculum Vitae and a cover letter with the reference post-doc invest lab cardiol. to the following email addresses: ([mteresa.fernandez@vhir.org](mailto:mteresa.fernandez@vhir.org)) and ([seleccio@vhir.org](mailto:seleccio@vhir.org))