



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.**

Research Technician Neuromuscular and Mitochondrial Pathology

Vall d'Hebron Research Institute (VHIR) is a public sector institution, located in Barcelona (Spain) that promotes and develops innovative biomedical research at the University Hospital Vall d'Hebron. VHIR is oriented towards finding solutions to the health problems of the citizens and has the will to contribute to the scientific, educational, social and economic development within its area of competence around the world.

VHIR offers vacancy/vacant position for a Research Technician within the Neuromuscular and Mitochondrial Pathology Group. More information about our group can be here <http://www.vhir.org/portal1/grup-equip.asp?t=patologia-neuromuscular-i-mitochondrial&s=recerca&contentid=186864>

This job position is to be part of a pre-clinical study aimed at finding novel diagnose and therapeutic targets for treatment of mitochondrial DNA depletion syndrome. An important part will be focused on developing pharmacological strategies for these disorders and it will involve the characterization of mouse disease models and testing of experimental drugs.

JOB DESCRIPTION

Education and qualifications:

Required:

- BSc degree in Biochemistry
- Master degree in biomedicine or similar
- Official qualification as a user of laboratory animals for research

Experience and knowledge:

Required:

We require a minimal experience of 3 years in research laboratory. Wished technical skills include:

- Cell culture (primary cell culture and cell lines)
- Mouse handling (drug administration, phenotyping...)
- Mouse colony management

- Liquid chromatography coupled to mass spectrometry (LC-MS/MS)
- Basic molecular biology techniques (RT-PCR, DNA/RNA extraction, enzyme activity and expression assays)

Desired:

Previous experience with disease mouse models will be highly considered

Main responsibilities and duties:

- Management of mouse colonies and primary cell culture.
- Pre-clinical studies with murine and cell models of mitochondrial disease: characterization and experimental drug evaluation
- Mass-spec analysis of drug and derivatives in biological samples.

Labour conditions:

- Full-time position 40h/week).
- Starting date: 1 January 2019.
- Length of the contract: 1 year.
- Gross annual salary: 22.321,00€

How to apply:

Applicants should submit the following documents with the reference “MITOCONDRI” to the following email addresses yolanda.camara@vhir.org and (seleccio@vhir.org):

- Full Curriculum Vitae (**if this document is missing the application will be dismissed**).
- Official Degree and Master titles, or equivalent documents certifying the fees for obtaining the titles have been covered (**if these documents are missing the application will be dismissed**).
- Official Personal Academic Certificate of the degree, quoting the final degree average score (**if this document is missing the application will be dismissed**).
- Official certificate as a user of laboratory animals for research (**if this document is missing the application will be dismissed**).
- Certificates for other academic qualifications and merits (**merits that are not documented by official certificates or letters will not be considered**).