



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.**



Technician

Neuromuscular and Mitochondrial Pathology research group

VHIR offers a vacant position for a **bachelor-degree technician** within the [Neuromuscular and Mitochondrial Pathology](#) research group.

JOB DESCRIPTION

Education and qualifications:

Required:

- Bachelor in Biochemistry.
- Master's degree in Biomedicine.
- Certification as user of Laboratory Animals for Research (UAB or equivalent).

Experience and knowledge:

- Minimum of 2-year experience in molecular biology or biochemistry lab.
- Proven experience in mouse laboratory handling (drug administration, mouse lines management...) will be indispensable.
- Experience in mouse primary cell culturing will be required.
- Experience in HPLC or LC-MS/MS will be preferred.
- Experience with cloning and protein expression and purification will be preferred.

Main responsibilities and duties:

- Optimization of drug administration pattern for pre-clinical assays in mitochondria disease mouse models. This includes:
 - Mouse tissue sampling for different downstream approaches.
 - Drugs and related metabolites determination by LC-MS/MS.
- Assessment of mitochondrial function in cell and mouse models (Determination of mitochondrial DNA quality and quantity).
- Aid in recombinant protein expression and purification for in vitro assays.

Labour conditions:

- Position: Bachelor-degree Technician Tech.
- Gross annual salary: 22,100€.
- Contract length: 3 months.

HOW TO APPLY

Applicants should submit a full Curriculum Vitae and a cover letter with the reference “technician**TK2**” to the following email addresses: ramon.marti@vhir.org and seleccio@vhir.org.