



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**).

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Postdoctoral Researcher 2024_MITO_001

Research Group on Neuromuscular and Mitochondrial Diseases

VHIR offers a position for a postdoctoral researcher in the research group on neuromuscular and mitochondrial diseases. This researcher will be in charge of giving qualified scientific support to several active research projects of the research group by developing his/her own research lines, contributing to the design of experiments, developing qualified tasks, supporting the supervision of BSc, MSc and PhD students, and contributing to the scientific management and development of the research group.

JOB DESCRIPTION

Education and qualifications:

Required:

- PhD Degree in the field of biosciences.
- Official certificate enabling work with experimental animals (mice).
- Oral and written fluency in Catalan, English and Spanish (English certificate required).

Experience and knowledge:

Required:

- Experience in the field of mitochondrial disorders, mtDNA replication disorders and nucleotide metabolism, accredited by authorship of scientific publications in these fields.
- At least 4 years of experience in conducting experimental procedures with mice.
- Knowledge, experience, and full autonomy in:
 - Next Generation Sequencing (Illumina)



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- Liquid chromatography coupled to tandem mass spectrometry (LC-MS/MS)
- Real-time qPCR
- Cell culture

Desired:

- Authorship of scientific articles in the field of biomedicine.
- Participation in mitochondrial-focused and/or nucleotide metabolism-focused local and international meetings through oral or poster presentations.

All qualifications and merits must be demonstrated by certificates and/or properly justified in the CV. Otherwise, they will not be considered/evaluated.



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Main responsibilities and duties:

- The researcher will be responsible of developing research lines focused on mtDNA replication disorders and nucleotide metabolism.
- To design experiments and procedures in the context of the group's research projects
- To conduct experiments with full autonomy
- To be responsible of maintenance and management of mouse colonies
- To teach BSc, MSc and PhD students and give support for their supervision
- To write scientific articles
- To give support in design and writing of research projects and follow-up reports of active projects.
- To give support to other research duties in the laboratory.



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Labour conditions:

- Full-time position: 40 h/week.
- Starting date: immediate.
- Gross annual salary: Remuneration will depend on experience and skills. Salary ranges are consistent with our Collective Agreement pay scale.
- Contract: Technical and scientific activities contract linked to the project activities

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.
- Individual training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more)
- Corporate Benefits: platform through which you can obtain significant discounts on travel, culture, technology, gastronomy, sports... among many others.
- Healthy Offering: choose from a variety of wellbeing focused activities to be the healthiest you.

How to apply:

Applicants should send an email to ramon.marti@vhir.org and seleccio@vhir.org with the reference: "**Postdoc 2024_MITO_001**" in the subject. The email should contain the following attachments:



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- Motivation letter
- Full Curriculum Vitae
- PhD title or certificate
- Official certificate enabling work with experimental animals
- Three PDFs of authored scientific articles in the field of mitochondrial diseases, mtDNA replication disorders and nucleotide metabolism. If the candidate has more than three publications in these areas, do not send more PDFs but reference all publications in the CV.
- Certificates of all other required qualifications and claimed merits

Deadline to apply: 06/08/2024



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The Fundació Hospital Universitari Vall d'Hebron-Institut de Recerca - "VHIR"-, with NIF G-60594009, address in Barcelona -08035-Passeig Vall d'Hebron 119-129, Edifici Mediterrània, 2a planta and telephone (34) 934 89 30 00 is the data controller for the processing of your personal data. The data will be processed exclusively for the purpose of managing your participation in the selection process, as well as, if necessary, managing your participation in other selection processes.

Unless you give your informed consent to keep your personal data for future selection processes, in the event that the selection process is completed and you are not the person selected, your personal data will be deleted and blocked in order to be able to respond to any possible liabilities that may arise.

The legal basis of the processing is the execution of a contract to which the data subject is party or in order to take steps at the request of the data subject prior to entering into a contract.

The recipient of the data will be the VHIR's Professional Development personnel and no transfer of personal data is foreseen, except for the fulfilment of legal obligations applicable to the data controller. International data transfers are not foreseen. No automated decisions will be taken, including profiling. In general, personal data will not be communicated to third parties, except for legal obligations in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 (GDPR) to persons who are entitled to request them. You have the rights of access, rectification, deletion, portability, limitation and opposition that can be exercised at any time through the email dpd@ticsalutsocial.cat or lopd@vhir.org. In compliance with Regulation (EU) 2016/679, the VHIR has appointed a data protection officer, whose contact details are dpd@ticsalutsocial.cat. You can also lodge a complaint with the competent Data Protection Authority by contacting www.apdcat.cat or www.aepd.es.

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