



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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PostDoc Translational Molecular Pathology

Translational Molecular Pathology

The group aims to unravel the molecular mechanisms of cancer progression and metastasis and to identify new diagnostic, prognostic and therapeutic targets in cancer. We combine the knowledge and availability of human tumors in the Pathology department with the expertise in molecular cell biology in the research group.

The project of the successful candidate focuses on a prove of concept study with clinically approved inhibitors for the prevention of spontaneous carcinogenesis. The work centers on *in vivo* mouse models and is complemented with mechanistic studies *in vitro*.

JOB DESCRIPTION

Education and qualifications:

Required:

- University degree in Chemistry, Pharmacy, Biotechnology, Biochemistry or similar.
- PhD degree in the area of biomedical sciences.
- animal experimentation certificate and expertise in animal experimentation in oncology including function D.

Desired:

- Background in chemistry and/or pharmacy

Experience and knowledge:

Required:

- Good communication skills and fluency in written and spoken English.
- Excellent knowledge in the generation and characterization of recombinant antibodies.
- Strong sense of responsibility, organization, initiative and self-motivation.
- Previous knowledge in extra cellular vesicle biology, integrins and cancer metastasis.

Desired:



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- Experience in the field of cell signaling and cancer biology.
- A high degree of independence and Team-work abilities.

Main responsibilities and duties:

- Run his/her own project.
- Characterization of a novel recombinant antibody in vitro and in vivo.
- Extracellular vesicles isolation and study.
- Analysis, writing and presentation of the results.

Labour conditions:

- Full-time position: 40h/week
- Starting date: 08.01.2024.
- Gross annual salary: Remuneration will depend on experience and skills. Salary ranges are consistent with our Collective Agreement pay scale
- Contract: *temporal (3 months)*

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.



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- Flexible Remuneration Programme (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 submit a full Curriculum Vitae and a cover letter with the reference "PostDoc_TranslationalMolecularPathology" to the following email addresses: stefan.hummer@vhir.org and seleccio@vhir.org

Deadline to apply: 25/12/2023

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 lop@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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