



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

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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 in Cardiovascular Imaging

Cardiovascular Imaging Research Group

VHIR offers a position for a candidate postdoctoral researcher within the Cardiovascular Diseases Research group

JOB DESCRIPTION

Education and qualifications:

Required:

- PhD in the area of biomedical sciences, obtained before 2019.
- MSc in Engineering.
- Fluency in Catalan, Spanish, English (business level)

Experience and knowledge:

Required:

- Demonstrated experience in cardiovascular research within a clinical institution.
- Expertise in software development to quantify biomarkers from advanced imaging modalities.
- Strong record of publications in peer-reviewed journals, including publications as first author.
- Experience in all aspects of scientific projects, including preparation of project proposals, execution, management and justification.
- Strong sense of responsibility and collaborative approach to teamwork.
- Experience in multicenter clinical research
- Demonstrated training capacity (role as BSc, MSc or PhD thesis supervisor, teaching experience...).
- Experience in the way a cardiology department works



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Desired:

- Other languages.

Main responsibilities and duties:

- Representation of VHIR in the AI4HF project
- Identification of clinical requirements for the deployment and utilization of the AI4HF technology in real-world
- Support and collaboration with IT department for the extraction and preparation of data, and quality control
- Support and collaboration in the implementation of robust, generalizable and fair models and their testing
- Support in the development and testing of AI4HF user interface.
- Identification and creation of research studies.

Labour conditions:

- Full-time position: 40h/week.
- Starting date: January, 2024.
- Gross annual salary: 35.000-38.000 euros (Remuneration will depend on experience and skills. Salary ranges are consistent with our Collective Agreement pay scale)
- Contract: *permanent linked to project*.

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).



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- 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 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 "AI4HF- Postdoc Imaging" to the following email addresses: alicia.fresno@vhir.org and seleccio@vhir.org

Deadline to apply: 29/12/2023

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



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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.