



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**).

VHIR embraces Equality and Diversity. As reflected in our values we work toward ensuring inclusion and equal opportunity in recruitment, hiring, training, and management for all staff within the organization, regardless of gender, civil status, family status, sexual orientation, religion, age, disability or race.

PhD candidate

Neuroradiology

The VHIR PhD program invites applications from highly motivated “healthyneers” eager to make transformative contributions to the field of medicine. This unique opportunity focuses on pioneering research in neuroradiology, combining advanced magnetic resonance imaging (MRI) sequences with innovative analysis approaches (including artificial intelligence (AI) techniques). As a participant in our program, you will collaborate with leading experts, utilizing state-of-the-art facilities and cutting-edge technology to bring new knowledge into the physiopathological substrates of neurological disorders. Our interdisciplinary approach bridges engineering and clinical practice, empowering you to develop innovative diagnostic strategies contributing to patient care. With access to extensive resources, exceptional mentorship, and a vibrant academic community, our program is designed to foster your growth as a researcher in neuroradiological science.

The specific conditions of the call are provided at the following link: <https://vhir.vallhebron.com/en/talent/vhir-phd-call-2024>

JOB DESCRIPTION

Education and qualifications:

Required:

- Bachelor's Degree in Sciences
- Master's Degree
- Fluency in English (business level)

Desired:

- Experience in image analysis, coding and/or advanced statistical analysis
- Fluency in Spanish
- Two reference letters from previous mentors/teachers during your degree or master



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Main responsibilities and duties:

- Participation in the acquisition of novel MRI sequences
- Implementation of the specific analysis pipelines, from quality control to statistical analysis of the measured outcomes
- Writing scientific papers
- Collaborate with neuroradiologists and neurologists in satellite projects

Labour conditions:

- Full-time: 40h/week.
- Starting date: immediate.
- Gross annual salary: minimum salary as stated at the conditions of the application, but it will be complemented according to experience and skills.
- Contract: *temporary Phd contract*.

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.
- Personal training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more).



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How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "PhD VHIR Neuroradiology" to the following email addresses: deborah.pareto.idi@gencat.cat and seleccio@vhir.org



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