



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, gender identity and expression, religion, age, functional diversity or ethnicity.



Technician with a Bachelor's and Master's Degree Artificial intelligence and deep learning research in multiple sclerosis

Clinical Neuroimmunology Group

VHIR offers two vacancy/vacant positions for technicians with a bachelor's and master's degree in Image Analysis/Deep learning analysis within the Clinical Neuroimmunology and Neuroradiology Research groups.

JOB DESCRIPTION

Education and qualifications:

Required:

- BSc in the field of biosciences, medicine, biology, informatics, physics, data science, mathematics, or engineering
- MSc in the field of informatics, physics, data science, mathematics, or engineering

Experience and knowledge:

Required:

- Experience in image analysis
- Experience in deep learning methods
- Proficiency in English (written and spoken)
- Proficiency in Microsoft Office (Excel, Word, etc.)
- Strong sense of responsibility, initiative, self-motivation, and team work abilities
- Strong academic drive

Desired:

- Experience in other artificial intelligence methods apart from deep learning
- Knowledge of Spanish (B1 level or above)



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- Excellent academic records
- Outstanding reference letters
- Scientific publications in peer-reviewed journals
- Conference abstracts in international conferences

Main responsibilities and duties:

- Imaging data manipulation
- Pre-processing of neuroimaging data
- Image analysis
- Building of deep learning models
- Organizing follow-up meetings with supervisors
- Writing of conference abstracts and scientific papers
- On-site work (≥80%)
- Absolute respect to supervisors, other colleagues and staff, other fellows and students, and patients ...

Labour conditions:

- Full-time position: 40h/week.
- Duration: 36 months
- Starting date: immediate
- Gross annual salary: 22.823,22 euros /// (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
- Flexible hours but ≥80% of the working time will be at the office (on-site)
- The worker will have a multidisciplinary panel of supervisors and a desk with computer to carry out all the expected work
- Attendance to scientific conferences will be offered conditional to results and attitude towards the project, allowing the worker to enjoy a very fruitful scientific environment



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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 submit a full Curriculum Vitae and a motivation letter with the reference "POSITION_VHIR_Technician_with_BSc_and_MSc_DEGREE_CEMCAT_MRI_2024" to the following email addresses: ctur@cem-cat.org and seleccio@vhir.org

Deadline to apply: 12-07-2024

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.



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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.