



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.



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)**.

Thus, there are no restrictions of gender, national origin, race, religion, sexual orientation or age and **candidates with disabilities are strongly encouraged to apply.**

Postdoctoral Magnetic Resonance and Neuroradiology

The multidisciplinary nature of our group (neuroradiologists, physicist, and biochemist, engineer, and MR technologists) allows us to apply MR techniques to obtain qualitative and quantitative information to study the pathophysiological mechanisms implicated in pathologies such as multiple sclerosis, hepatic encephalopathy, and stroke. Furthermore, we can act as a platform to design research projects and perform the MR acquisition, processing and analysis.

The selected applicant **should apply** for a ECTRIMS-MAGNIMS fellowship. Details can be found here:

<https://www.magnims.eu/fellowships/2020-magnims-ectrims-research-fellowship/>

JOB DESCRIPTION:

Education and qualifications:

Required:

- PhD in image analysis or neuroscience.
- Applicants should be under 40 years and affiliated to an academic department, which can guarantee a continuation of his or her research.

Experience and knowledge:

Required:

- Computing programming skills (Python, matlab, R...)
- Previous experience in image analysis

Main responsibilities and duties:

- Carry on a project which aims to develop new MRI-derived biomarkers for multiple sclerosis

Labour conditions:

- Full-time position (40h/week).
- Starting date: Last semester 2020
- Length of the contract: 1 year.
- Gross Salary Annual: according with the experience

How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "Magnims_fellowship_2020" to the following email addresses: deborah.pareto.idi@gencat.cat and seleccio@vhir.org.