



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**

Postdoctoral

Magnetic Resonance and Neuroradiology

The multidisciplinary nature of our group (neuroradiologists, physicist, and biochemist, engineer, and MR technologists) allows us to apply MRI techniques to obtain qualitative and quantitative information to study the pathophysiologic mechanisms implicated in pathologies such as multiple sclerosis, migraine or autism. 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 before the **01/12/2021**. Details can be found here:

<https://www.magnims.eu/fellowships/2021-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

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 2022
- Length of the contract: 1 year.
- Gross Salary Annual: as stated in the fellowship conditions

How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "Magnims_fellowship_2021" to the following email addresses: deborah.pareto.idi@gencat.cat and seleccio@vhir.org.