



HR EXCELLENCE IN RESEARCH

barcelonaβeta
BRAIN RESEARCH CENTER

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Phd student position in the Neuroimaging Group at the Barcelonaβeta Brain Research Center

About the employer

The Barcelonaβeta Brain Research Center (BBRC) is a research center dedicated to the prevention of Alzheimer's disease and the study of cognitive functions affected in healthy and pathological aging. It was created in 2012 by the Pasqual Maragall Foundation, with the support of the Pompeu Fabra University.

The mission of the BBRC is to provide innovative solutions to decipher and prevent biological changes and cognitive dysfunction associated with neurodegenerative diseases. Due to the aging of the world population, these diseases constitute a global challenge, since for example, dementia can reach epidemic levels in 2050, with a forecast of more than 150 million people affected, if is not found a way to prevent its appearance and development.

The BBRC received the HR Excellence in Research award (HRS4R) granted by the European Commission; a recognition that shows its adherence to the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Research Staff. The center offers a **stimulating and favorable working environment** in accordance with the Charter and Code, which describe the rights and responsibilities of researchers and their employers, and contributes to the **creation of a transparent, attractive and open ecosystem** at international level.

Pasqual Maragall Foundation, Pompeu Fabra University and "la Caixa" Foundation are permanent members of the BBRC Board. The center is affiliated and located in the Ciutadella Campus of the Pompeu Fabra University of Barcelona, in a building inaugurated in 2016. The BBRC headquarters has excellent technical facilities, including a 3TMR scanner dedicated to research, and spaces for conducting Clinical Trials and EEG. State-of-the-art scientific facilities, effective management and continuous high-standard peer-review evaluation are the BBRC core proceedings to ensure achieving world-class research results.

BBRC is also part of the Barcelona Biomedical Research Park (PRBB), a large research facility that hosts other seven different research institutions related to biomedical research, including the Center for Genomic Regulation (CRG), the Hospital del Mar Medical Research Institute (IMIM), the Department of Experimental and Health Sciences of the Pompeu Fabra University (CEXS-UPF), the Institute of Evolutionary Biology (IBE CSIC-UPF), the Barcelona Institute of Global Health (ISGlobal) and the Barcelona site of the European Molecular Biology Laboratory (EMBL), among others, in a multidisciplinary, collaborative and stimulating international environment in close contact with a clinical setting, thus conducive to translational research.

For more information see: www.fparagall.org and www.barcelonabeta.org



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About the job

BBRC is looking for a full-time position as a Phd student for analyzing neuropsychological and neuroimaging data and disseminating scientific production in the context of clinical neuroscience and Alzheimer's disease research.

The candidate will work within the Neuroimaging group led by Dr. Gemma Salvadó.

Main Responsibilities

The responsibilities for this position include:

- Participate in the analysis, writing and publication of results.
- Participate in the clinical projects of the research group, providing scientific and/or clinical information.
- Prepare internal project reports, presentations at scientific conferences and scientific articles.
- Participate in regular internal meetings as well as in external collaborations.

Qualifications and experience

- You hold either a MSc in Neuroscience, Biomedicine, Biomedical Engineering or similar.
- You have excellent communication and writing skills in English.
- You are able to work collaboratively and with a high degree of autonomy.
- You are a highly motivated and organized candidate.
- Previous experience in neuroimaging processing is desirable but not necessary.
- Additional: Interest in neurodegenerative diseases

Personal Skills

- Being a team player.
- Proactive attitude.
- Flexibility to work within a multidisciplinary team.
- Capacity to work independently and communicate efficiently.
- Interest in joining a non-profit organization with a mission of high social impact.

We offer

- Starting date: ASAP
- Contract linked to the award of a doctorate
- Salary will depend on experience and will be in accordance to BBRC's salary scales
- Full time position 38 hours/week with flexible working hours.
- Hybrid work model (on-site + teleworking) subject to the foundation's regulations.



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We offer a unique research opportunity in a highly innovative project in a multidisciplinary institution, promoting a diverse and inclusive environment and welcomes applicants regardless of age, disability, gender, nationality, ethnicity, religion, sexual orientation, or gender identity. In the foundation we also care about developing your professional career.

Application process

To apply, please submit a single PDF file containing the following:

- 1) Cover letter addressed describing research interests and relevant background
- 2) CV
- 3) The names of up to three individuals who could provide reference letters. All files or inquiries should be submitted electronically to: talent@barcelonabeta.org

Subject: Phd Student in Neuroimaging

We inform you that your personal data will be part of a file which Pasqual Maragall Foundation and Barcelonaβeta Brain Research Center is responsible for, in order to manage the job offer you have requested. Once the process is complete, the data processed will be erased.

You have the right to exercise the rights of access, rectification, cancellation and opposition recognized in Regulation (EU) 2016/679 (General Data Protection Regulation), to be addressed to the Pasqual Maragall Foundation and Barcelonaβeta Brain Research Center: Wellington Street 30, 08005 Barcelona.