

## Neurologist

### About the employer

The Barcelonaβeta Brain Research Center (BBRC) is a new research center, constituted by the Pasqual Maragall Foundation. The goal of BBRC is to become an internationally recognized centre of excellence in our understanding of age-related cognitive disability in order to provide practical solutions to the global challenges posed by the world's aging population. Our goal will be achieved by championing primary and secondary prevention programs for Alzheimer's disease and other related neurodegenerative disorders, the study and promotion of healthy aging, and the research of the basic physiological mechanisms of cognitive functions affected by healthy or pathological aging such as memory, learning and decision-making, among others. The vision of BBRC is to provide the society with distinct and innovative solutions for age-related cognitive disability by leveraging these complementary research programs in order to attain a multidisciplinary comprehension of the aging process and the pathophysiology of neurodegeneration. At present BBRC deploys its research mission through two Research Programs, the Alzheimer's Prevention Program and the Memory Program.

Pasqual Maragall Foundation, Pompeu Fabra University and "la Caixa" on are permanent members of the BBRC Board. International competitive recruitment, 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 affiliated and located in the Campus Ciutadella of the Barcelona Pompeu Fabra University, the building contains excellent technical facilities, including a research-dedicated 3T MR scanner, Clinical Trials facilities, EEG and Eye Tracker labs.

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.fpmaragall.org](http://www.fpmaragall.org) and [www.barcelonabeta.org](http://www.barcelonabeta.org)

### The project:

The ALFA (for Alzheimer and Families) parent cohort, established by the BarcelonaBeta Brain Research Center, is composed by 2743 cognitively normal participants aged between 45 and 75. This cohort was established as a research platform to characterize preclinical AD in asymptomatic individuals. In brief, participants have a Clinical Dementia Rating (CDR) equal to 0 and are cognitively normal as determined by a neuropsychological test battery that included the Mini-Mental State Examination, the Memory Impairment Screen, the Time Orientation of The Barcelona Test II and verbal semantic fluency. A subset of the ALFA parent cohort

participants is taking part in a nested longitudinal long-term study, named the ALFA+ study, in which a more detailed phenotyping is being performed. On top of a similar characterization as in the ALFA parent cohort, it will entail the acquisition of both wet (CSF sample collection, blood) and imaging (MRI and PET) biomarkers.

AMYPAD is a European project to establish the true value of amyloid PET in a diagnostic and prognostic setting (<http://www.amypad.eu>). This 5-year project is a collaboration between industry (General Electric Healthcare, Piramal, Janssen, IXICO) and academic partners funded by the IMI-2 program. AMYPAD will recruit 900 memory clinic patients and 3100 preclinical or prodromal AD subjects from natural history cohorts across Europe. Up to 50% of subjects will undergo dynamic scanning and have repeated imaging, for a total of 6000 amyloid PET scans. Main study goals include 1) diagnostic impact including patient-reported outcomes and healthcare resource utilization, 2) prognostic value and enrichment of treatment trials, and 3) quantitative assessment of treatment effects. The consortium brings together a world-class team of highly synergistic partners to form a pan-European network including the most active PET sites. This will ensure effective access to patients and also maximize exposure to technical knowledge and disease modelling. In addition, AMYPAD will develop expertise in image data collection, including  $\beta$ -amyloid PET and MRI data from the EPAD project.

## About the job

Alzheimer's disease is the most common cause of dementia in elderly people. Research into Alzheimer's disease therapy has been at least partly successful in terms of developing symptomatic treatments, but has also had a lot of failures in terms of developing disease-modifying therapies. These successes and failures have led to debate about the potential deficiencies in our understanding of the pathogenesis of Alzheimer's disease and potential pitfalls in diagnosis, choice of therapeutic targets, development of drug candidates, and design of clinical trials.

The BBRC is looking for a Neurologist and will report to the Investigator Group Leader.

## Main Responsibilities:

- To participate in the clinical projects (clinical trial and observational studies) of AD prevention within BBRC:
  - Performing clinical projects visits and assuring good standards procedures, maintaining the participant's medical safety, controlling the protocol and GCP compliance.
  - To assure the highest quality standards for Clinical Research: the candidate will act as a subject matter expert to provide guidance to internal and external researchers on Clinical Trials methods, standards, procedures and other advanced methodological issues.

- As one of the project physicist, the candidate will be fully responsible of the pharmacovigilance issues and the close monitoring of Serious (and non-serious) Adverse Events.
- The candidate will assist to the critical study meetings: selection visits, Investigators meeting, initiation visit, monitoring visits, etc.
- To work in collaboration with the Responsible of clinical operations to assure the accomplishment of deadlines and the achievement of milestones along the different studies.
- Attend the needs of the BBRC on overall organization activities as developing and supervising presentation materials, providing training and supporting the development/implementation of Standard Operating Procedures as required.
- To participate in research activities linked to the clinical and Biomarkers research group
- To coordinate activities linked to AMYPAD WP4

## Required qualifications:

### Qualifications and professional experience

- MD degree in any medical field (mandatory).
- MIR on Neurology (required)
- To hold a Ph.D. is preferred, but not mandatory.
- Experience as investigator or sub-investigator in national and international Clinical Research (industry and/or academic CT) will be positively considered.
- Demonstrated independent medical judgment consistent with clinical and laboratory procedures, GCP standards, policies, and regulations.
- Perfect knowledge and training to GCP will be positively considered.
- Ability of extensive interactions with academic and industry leaders, investigators and cooperative groups to optimize clinical trial procedures and correct participant management.
- Maintain the clinical team trained to assigned protocols and standards.
- Excellent verbal skills in English and Spanish, Catalan would be positively considered.

### Personal skills

- Must possess strong interpersonal skills and work effectively with a multidisciplinary team.
- Ability to think independently and work collaboratively (empathic and focused team-worker).
- Organizational skills: ability to initiate, manage and direct multiple tasks and projects is necessary.
- Demonstrate the ability to solve problems.
- Interest in joining a non-profit organization with a mission of high social impact.
- Strong oral and written communication skills.

## We offer

- Full-time position.
- 3-year initial contract
- Bonus depending on achievement of annual objectives
- Salary will be in accordance with qualifications and experience.
- Start date: May

## Application process:

*To apply, please submit the following: 1) Cover letter; 2) CV; All files or inquiries should be submitted electronically to: [rh@barcelonabeta.org](mailto:rh@barcelonabeta.org)*

### **Subject: Neurologist**

**Deadline: 31/05/2019**

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.