



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 candidate

Neurodegenerative diseases

Vall d'Hebron Research Institute (VHIR) is a public sector institution, located in Barcelona (Spain) that promotes and develops innovative biomedical research at the University Hospital Vall d'Hebron. VHIR is oriented towards finding solutions to the health problems of the citizens and has the will to contribute to the scientific, educational, social and economic development within its area of competence around the world.

VHIR offers vacancy/vacant position for Postdoctoral candidate to apply for a 3-year fellowship: Immunotherapy and Immunodiagnostic in Parkinson's Disease. More information about our group can be found [here](#).

The Research Group of Neurodegenerative Diseases at Vall d'Hebron Research Institute (VHIR) in Barcelona is focused on the study of the mechanisms of neuronal cell death in Parkinson's diseases and other neurodegenerative diseases to: 1) identify biomarkers for the diagnosis, and 2) identify new therapeutic targets for the development for neuroprotective strategies with disease-modifying potential. The group has recently opened a new research line to study the role of the adaptive immune system in the pathogenesis of Parkinson's disease. Preliminary results of the group demonstrate that CD8+ T cell infiltration is an early event in the pathogenesis of the disease suggesting a role not only in the progression of the disease but in the onset of it. The goal of this research line is to study the mechanisms of the immunogenic neuronal death and to determine the antigens that activates it, including modified alpha-synuclein proteoforms present in Lewy bodies. The group is willing to develop presymptomatic diagnostic tools based on this adaptive immune response and a neuroprotective strategy that blocks the deleterious effect of the immune system by boosting regulatory T cells.

JOB DESCRIPTION

Education and qualifications:

Required:

- PhD in Life Sciences and Health obtained later than 1st January 2015.
- To be the author of at least 3 original publications
- Not having resided or worked in Spain for the last 3 years
- Highly motivated and team-player.

Experience and knowledge:

Required:

- Strong background in neuroimmunology or immunology
- Experience with animal models and processing human samples.

Labour conditions:

- Full-time position (40h/week).
- Contract duration: 3 years
- Gross annual salary: 28.265,59€ in 2019, 28.831,20€ in 2020 and 29.407,50€

How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter by email to Dr. Jordi Bové (jordi.bove@vhir.org) and seleccio@vhir.org before 27 th November 2018.