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.**

Vall d'Hebron
Institut de Recerca
VHIR

Postdoc candidate

Juan de la Cierva grant at the Neurodegenerative Diseases Research Group (VHIR) to study the role of the adaptive immune system in Parkinson's disease

The Neurodegenerative Disease group at the Vall d'Hebron Institute of Research (Barcelona) is looking for a postdoctoral candidate with background in neuroinmunology or immunology to apply for the 2016 call of the Spanish Ministry of Economy and Competitiveness Juan de la Cierva (Ayuda Juan de la Cierva-Formación or Ayuda Juan de la Cierva-Incorporación).

JOB DESCRIPTION

Education and qualifications:

Required:

- Ph.D. degree and/or postdoctoral experience in the neuroimmunology or immunology field.
- Mobility experience, participation in research projects and co-authorship in publications.
- High motivation and team player skills.

For more details about the grants (Formación and Incorporación) and general requirements, check the MINECO webpage.

About the Project:

The candidate will join the group to foster the development of a new line of research on the role of the adaptive immune system in Parkinson disease, particularly working on the project founded by the Instituto de Salud Carlos III "Adaptive immune response in Parkinson's disease induced by alpha-synuclein proteoforms present in Lewy bodies: diagnostic and therapeutic application". Mounting evidence suggests that there is an activation of the immune adaptive system in Parkinson's disease (PD). However, its role on the onset and progression of the disease and the antigens that induce its activation are unknown. In this project, we will determine the role of the adaptive immune system in the pathogenesis of the disease and whether its activation is induced by post-translationally modified alpha-synuclein proteoforms present in Lewy bodies. Likewise, we will determine the usefulness as a presymptomatic/progression diagnostic tool of detecting antibodies specific for these proteoforms in the blood of PD patients. We will also pave the way to autologous regulatory T cell infusion as a neuroprotective strategy for PD.

HOW TO APPLY

Candidates should send an email with their CV including a list of publications and technical skills and at least two references to jordi.bove@vhir.org and seleccio@vhir.org before 20/01/2016.