



Postdoctoral candidate interested in applying for a Margarita Salas Postdoctoral Fellowship in Neurosciences

Specify the Research field:

Are you a junior postdoctoral researcher in Neurosciences thinking about your next career move after PhD dissertation? The Margarita Salas Fellowships are a great option as starting point if you are looking to give your career a boost by working in a competitive laboratory.

[Institute of Neurosciences](#) of the [University of Barcelona](#) allows you to work in a first-class and multidisciplinary research environment while benefitting from a good environment and excellent quality of life in Barcelona, Spain.

Group and project information

Applicants will be integrated into the research group “**Hippocampal function in health and disease**”; (P.I. Albert Giralt; ORCID: 0000-0001-5334-0963. Twitter account: @neurocientific; Webpage: <https://albert-giralt-lab.webnode.es/>).

Our team is mainly focused on the hippocampal function in health and disease in the context of neuropsychiatric disorders including major depression and schizophrenia. We use translational models combining mouse models and human samples to disentangle the molecular mechanisms underlying complex such disorders. Concretely, the applicant will be involved in a study about the neuroimmunological alterations in schizophrenia affecting the hippocampal function mainly but other brain regions too and how these aberrant interactions explain the heterogeneity of the symptomatology of the disease. Human samples, mouse models and forefront approaches employed in neurosciences will be commonly used during the consecution of the project.

Requirements for candidates:

Skills/Qualifications:

- PhD or equivalent.
- Expertise with the following skills will be highly valuable: **Q-PCR, microglia physiology/function/cultures, PBMCs isolation and culturing**, capacity to work in a very translational environment. The candidate will be trained/supported, if necessary, to perform *in vivo* studies in mouse models (stereotaxic surgeries and behavioral techniques) and with the use of advanced microscopy. Possibly the candidate will collaborate with other experts in molecular biology, electrophysiology and immunology.





Languages:

English: Minimum B2-C1

Specific Requirements:

- Candidates must fulfill eligibility of the Margarita Salas criteria. To be in the first 2 years after PhD dissertation (September 2020-onwards).
- A pre-selection based on the CV will be performed before interviews.
- A scientific stay (3-months approximately) in another laboratory might be required during the contract consecution.

Working conditions:

- Full time temporary contract
- Gross salary of about €35.000
- Duration: 24 months
- Starting date: From ending 2022 to beginning 2023.

Support for candidates

The [Institute of Neurosciences](#) and the [International Research Projects Office](#) at the University of Barcelona could offer you:

- Personalized support on the application

How to apply

Please submit your CV + letter of motivation + letter of reference from a PI that knows your work to: Albert Giralt (albertgiralt@ub.edu); Reference: Margarita Salas 2022 Candidate)

Deadline: 04/07/2021

