



Date of publication of the job offer: 15/02/2022

Job title: POST DOCTORAL CONTRACT POSITION

Job description

The Department of Experimental and Health Sciences - Faculty of Health and Life Sciences (DCEXS - FCSV; <https://www.upf.edu/cexs/>) at Pompeu Fabra University (Barcelona) is specialized in Biomedical Research (Cell and Molecular Biology, Molecular Medicine, Evolutionary Biology and Complex Systems, Biomedical Informatics, Genetics and Neurosciences, Biomedical Engineering, and Public Health and Education in Health Sciences). One PostDoc opportunity is available to work at the NeuroPhar lab. Our lab is located at the PRBB in Barcelona (<http://www.prbb.org/>), one of southern Europe's largest hubs of biomedical research.

We are seeking a highly motivated postdoc student:

The **tasks and responsibilities** of the post will be the following:

- Execute and analyze behavioral studies in murine models that combine operant conditioning paradigms with specific behavioral protocols that measure social interaction, locomotor activity, and cognition.
- Development of stereotaxic surgery.
- Collaboration in the analysis of the project results and elaboration of the scientific reporting.
- Attendance at internal meetings and seminars.

Project and Institution that finance the contract This contract will be funded by European Union "NextGenerationEU/PRTR; the Spanish Ministry of Science and Innovation - MICIN, and the Research State Agency – AEI, through "Plan de Recuperación, Transformación y Resiliencia" funding program and the ERA-NET neuron translational research projects on neurodevelopmental disorders.

Official number reference: MCIN/AEI/UE - PCI2021-122073-2A/ 10.13039/501100011033

Information on the minimum requirements

- Studies: Ph.D. degree studies in health and life sciences (Biology, Biotechnology, Pharmacology, Neuroscience, Medicine, Psychobiology, Pharmacy or related subjects). Holding the FELASA-accredited certificate (Researcher level) endorsed by the Generalitat de Catalunya, which confirms permission to work with laboratory animals, is a must. Note: The lack of this requirement will make a candidate not eligible for the post, whichever their expertise and knowledge could be.
- Languages: A high level of English, written and spoken, is required (First Certificate or higher)
- Computer skills: Good command of the Office package.
- Expertise: Solid experimental experience accredited in research laboratories is required, including innovation and leadership in research projects. In particular, candidates must have a strong scientific-technical background in experimental murine models. In addition, experience with operant behavior paradigms and surgery will be highly valued.
- Personality: We are looking for a dynamic and proactive person with the capacity for designing experiments and autonomy for teamwork planning and organization. Resilience to work under pressure and/or tight deadlines will be an asset.

Benefits of the opening:

Contract as research assistant according to regulations in force. Estimated annual gross salary in the range between 28.000-32.000 €, depending on the candidate's profile.

Timetable: 35 hours week (full time).

Place of work: PRBB – UPF.

Laboratory NeuroPhar

Department of Experimental & Health Sciences Universitat Pompeu Fabra

Barcelona Biomedical Research Park (PRBB)

c/ Dr. Aiguader, 88, 08003 Barcelona.

Start date: 01/04/22**Information on the application process:**

The interested candidates must send their CV to the address:

The interested candidates must send their CV, along with a motivation letter and the name and contact details of two potential referees, to the address: info.neurophar@upf.edu. The email's subject **should indicate the position's reference**. All dossiers will be handled as confidential. The University Pompeu Fabra is an equal opportunity employer.

Deadline to submit applications: 21/03/2022**Contact: PhD Elena Martín Garcia**