



**Universitat Pompeu Fabra and the Fundació IMIM
Barcelona Biomedical Research Park (PRBB)**

Our laboratory (Laboratory of Neuropharmacology from the **Universitat Pompeu Fabra**, Barcelona, Spain) seeks a scientist who has strong potential for innovation and leadership in research to integrate her/him in their research group, which covers a broad range of topics in neuroscience.

Open position: **Predoctoral contract.**

The specific issue of the position: **Understanding the involvement of neurobiological mechanisms of addictive-like behaviors.**

Research project: The position is within a **research line on the behavioral evaluation of addiction.**

Specific requests: The candidate must be **ready to work and progress** in her/his **Ph.D. project** on the design, execution, and analysis of **behavioral studies** in murine models using combining **conditioning paradigms** (e.g., addiction mouse model) with specific behavioral protocols to study **addictive-like behaviors** (e.g., drug or food self-administration). A particular focus will be given to the elucidation of the **brain circuits** underlying impulsive and compulsive-like behaviors. Candidates should hold valid **BSc** and **MSc** (not later than by July 2022) **degrees** (e.g., **Biology, Biotechnology, Pharmacology, Neurosciences, Medicine, Psychology, Pharmacy** or related subjects) or equivalent Degree (e.g., **Medicine**); an average mark (“*nota media*”) of the BSc degree or a combined mark of BSc and MSc degrees of around **8** (over 10) or higher is required. A scientific-technical background on **experimental behavior and/or surgical procedures** will be particularly appreciated. She/he should be fluent in English and have an interactive personality. Past experience in cooperative projects or programs will be positively valued.

Important notice: The candidate **should better** have a **valid FELASA-accredited certificate** (Researcher level) to work with experimental animals (rodents).

References: **Science**. 2014 Jan 3, 343(6166):94-8. doi: 10.1126/science.1243985;

Neuropsychopharmacology. 2016 Aug, 41(9):2192-205. doi: 10.1038/npp.2015.351. *Biol Psychiatry*. 2017 May 1, 81(9):778-788. doi: 10.1016/j.biopsych.2016.12.022; *Elife*. 2020 Jan 14, 9. doi: 10.7554/eLife.50356; *Nat Commun*. 2020 Feb 7, 11(1):782. doi: 10.1038/s41467-020-14458-y.

Offer: the selection is to be carried out during the following months, with a **deadline for application on July 31st, 2022**, while **starting working is planned not later than October 1st, 2022**. The research contract is awarded 4 years, with a standard Ph.D. student salary.

Applications should include:

- A full **CV**
- **Academic records** of the BSc and of the MSc (“*expediente académico de Grado y de Master con expresión de la nota media*”)
- A statement of research interests and plans (**motivation letter**)
- The **names** (and e-mail addresses) **or** the **letters of support** of **two scholars** who are willing to serve as references for the applicant

Contact: please, send your application (**letter of intent** plus **updated cv** and two **letters of support** or referees) and your contact data, **stating the reference PREDOCTORAL CONTRACT ADDICTION**, by e-mail to: info.neurophar@upf.edu

All dossiers will be handled with confidentiality.

The University of Pompeu Fabra is an equal opportunity employer.