

## **Post-doctoral position at Neurobiology of Behavior Research Group (Grenec-NeuroBio)**

An experienced postdoctoral fellow position is offered at Neurobiology of Behavior Research Group led by Prof Olga Valverde at the Department of Medicine and Life Sciences, Universitat Pompeu Fabra (MELIS/UPF). The project is aimed to identify the molecular mechanism of the involvement of endocannabinoids in cocaine seeking behavior, craving and relapse.

### **Candidate's requirements**

- PhD degree in Biomedicine
- Master's degree in Neuroscience
- Previous experience with behavior models and surgery techniques in mice.
- Previous experience working in neurohistochemistry, chemogenetics and confocal microscopy
- Previous experience working in projects related to the physiology of endocannabinoid system in the central nervous system
- Accreditation for the experimental animal manipulation (Felasa)
- Excellent organization skills
- Autonomous person with teamwork skills.

### **Tasks**

- Characterize the molecular modulation exerts by endocannabinoids in brain regions during the different phases of cocaine addiction in mice
- Apply chemogenetics and pharmacological techniques for investigating endocannabinoids on cocaine addiction
- Examine at behavioral and molecular levels cognitive alterations associated to cocaine intake.

### **Working Conditions**

- Employed in compliance with Spanish legislation and regulations under a full-time contract. Employees receive the benefits of the Spanish Social Security system covering sickness, maternity/paternity leaves and injuries at work.
- Annual gross salary: 24,151.36 €
- The appointment should start in October 2022 with some flexibility

### **How to apply**

- Deadline for applications: 02 October 2022
- Interested applicants should send a cover letter describing past experience and interests, as well as their CV including at least two references to: [seleccion.grenec@upf.edu](mailto:seleccion.grenec@upf.edu).

### **Selection process**

- Pre-selection: Will be based on CV, motivation letter and experience
- Interviews: Shortlisted candidates will be interviewed.