

PhD THESIS POSITIONS



Laboratory of Neuropharmacology-NeuroPhar Department of Experimental & Health Sciences Universitat Pompeu Fabra Barcelona Biomedical Research Park

We are now open to receiving expressions of interest of pre-doctoral students pursuing a **PhD degree** in the Laboratory of Neuropharmacology-NeuroPhar directed by Prof. Rafael Maldonado. We are investigating and developing new animal models of **drug addiction and related disorders, with a particular emphasis in the role of the endogenous opioid, cannabinoid and/or orexin systems in such processes**. We also study the use of compounds for treating pain, emotional disorders and eating disorders. For this reason we adopt a pluridisciplinary strategy in which we use different kinds of sophisticated behavioral techniques on knockout mice (conventional and inducible), that have been validated in our laboratory by classic pharmacology, and that are correlated with histochemistry, biochemistry and molecular biology techniques.

Further information: <http://www.upf.edu/neurophar>

Specific issue for the PhD Thesis: The neurobiological substrate of drug addiction and related affective disorder: role of the endogenous opioid, cannabinoid and/or orexin systems.

Requests: Candidates should have a degree in **Biology, Medicine, Clinic Psychology, Pharmacy or related discipline**. The **position** is dependent on the success of an eventual application of the interested individual in the forthcoming Call for pre-doctoral grants to be launched by the Spanish *Ministerio de Educación y Cultura (MEC)*, tentative deadline end of February 2012. Therefore, the interested applicants should be eligible to this Call (Graduates enrolled in a Doctorate program) and have, at least, a normalized **average academic mark of 2.4** according to the *Ministerio's* guidelines (see also <http://www.educacion.gob.es/educacion/universidades/convocatorias/titulados-doctores-profesores/fpu/convocatoria.html>). NeuroPhar will back her/his application in such case. Candidates with a valid FELASA certificate are particularly welcome.

Offer: the selection is to be carried out immediately after the **deadline of application, which is the 25th of January, 2012**. Monthly salary is around 1,000 €.

Contact: send your *cv*, copy of your academic records and letter of interest to: info.neurophar@upf.edu