

PhD THESIS VACANCY



Laboratory of Neuropharmacology-Neurophar
Department of Experimental & Health Sciences
Universitat Pompeu Fabra (UPF)
Barcelona Biomedical Research Park (PRBB)

We have a **vacancy** for a pre-doctoral student pursuing a **PhD degree** in the Laboratory of Neuropharmacology-NeuroPhar directed by Dr. Rafael Maldonado. We are investigating the participation of the endogenous opioid and cannabinoid systems in drug addiction and related disorders. We also study the use of these substances for treating pain, emotional disorders and food disorders. For this reason we adopt a pluridisciplinary strategy in which we use different kind 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. This vacancy is related to the project entitled “Evaluation of acylethanolamide-based neuroprotectants in animal models of perinatal and adult brain hypoxia” funded by ‘**Fundació La Marató TV3**’ and may constitute the subject of the **PhD thesis** of the selected candidate, according to UPF regulations in force.

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

Specific issue for the PhD Thesis: Evaluation of acylethanolamide-based neuroprotectants in animal models of perinatal and adult brain hypoxia.

Requests: **Master** in Neuroscience, Pharmacology, Physiology, Biochemistry, Biotechnology or related areas. Although a **competitive record** in order to achieve an official scholarship (MEC, AGAUR) is not compulsory, a good academic track will be an asset. The candidate should be **readily eligible** to undertake a PhD program. Candidates holding a valid **FELASA certificate** for animal research are welcome.

Offer: a **3-year scholarship** (with the possibility of a 4th additional year) and a gross salary of around **12,000 €/year**. The selection is to be carried out immediately (**deadline 30th of November, 2011**), whilst start working is planned in **January, 2012**.

Contact: you can apply to: info.neurophar@upf.edu