Master Thesis (TFM) in Neurophysiology of pain

We offer the possibility of doing a Master Thesis (TFM) in the field of neurophysiology for the next academic year 2016-17. Candidates must be doing or have applied for a Master in Neurosciences, Biomedicine or similar. The main focus of the study is on the regulation of neuronal excitability by ion channels and second messengers in the pain and sensory transduction fields as part of a funded research project.

Candidates must have a degree in Biomedicine, Biology, Biochemistry, Biotechnology, Pharmacy, Medicine or similar.

A good academic record (> 2.5) will be valued in order to apply for future predoctoral fellowships to continue with a PhD.

It will be specially appreciated a positive attitude as well as a good dedication to the lab work.

It will be also appreciated, but not required, to have previous experience:
- working in a lab
- working with laboratory animals
- molecular and cellular biology techniques

In the present project, we will combine a variety of techniques including electrophysiology (patch clamp, extracellular recording), immunocytochemistry, imaging techniques, molecular biology and behavioral tests to pursue the scientific problem regarding the involvement of ion channels signaling in inflammatory and neuropathic pain.

Those who are interested, please send a cover letter and a CV by email to xgasull@ub.edu

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