



## 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](mailto:xgasull@ub.edu)

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