



# PhD POSITIONS OPEN in Cognitive Neuroscience

The **Barcelona BrainLab (BBL)** [[www.ub.edu/brainlab](http://www.ub.edu/brainlab)] invites applications for several 3-year PhD studentships commencing during the fall 2011 in the field of the Cognitive Neuroscience of Attention and Auditory Perception.

**Principal Investigator: Prof. Dr. Carles Escera**

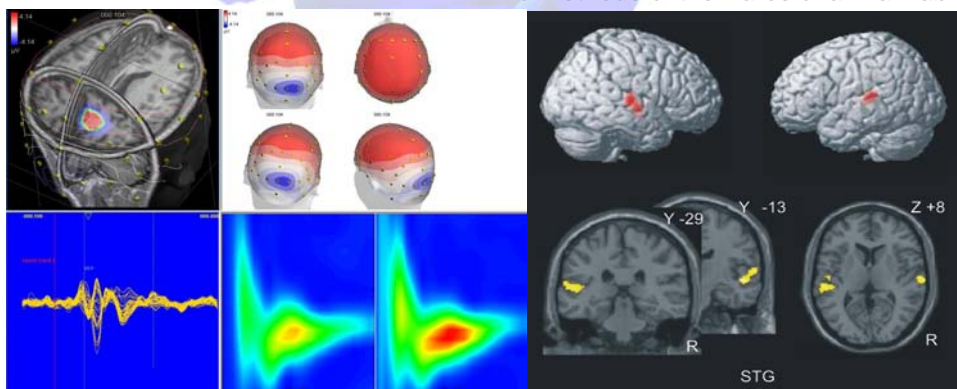
We are seeking for the most talented graduates in Psychology, Neurosciences, Cognitive Sciences, Computer Sciences, Medicine, Biology, Engineering or Physics

Candidates should be in a position to enter into the PhD Program in Biomedicine (Area of Neurosciences) of University of Barcelona [[www.ub.edu/doctorat\\_biomedicina/eng/index.htm](http://www.ub.edu/doctorat_biomedicina/eng/index.htm)], have the highest academic marks, computer skills (e.g. Matlab programming), and be willing to work hard and travelling across the world as part of their training.

**Our current project investigates how the auditory system encodes for acoustic regularities and what are the neural mechanisms of novelty detection, at all hierarchical levels and temporal scales of the auditory system.**

We are currently running EEG and MEG experiments, and analyzing event-related brain potentials and magnetic fields, as well as oscillatory activity and synchronization. We also have access to fMRI through different collaborators. Our group belongs to the **Brainglot** [<http://brainglot.upf.edu/>] and **PANS** [<http://www.eranet-neuron-pans.eu/>] consortia.

*The methods of the Barcelona Brainlab*



Applicants should send 1) a letter of motivation, 2) CV, and 3) a copy of the academic marks to Ms. Marta Turró by email at [brainlab@ub.edu](mailto:brainlab@ub.edu).

**Applications will be processed until the positions are filled [post data: May 20<sup>th</sup>, 2011]**

*The studentship will provide a maintenance stipend of circa 15,000 EUR/year*