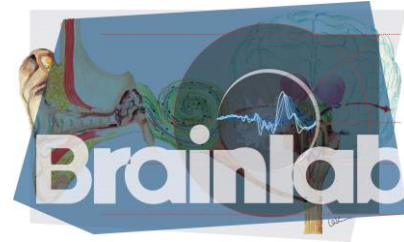


PhD in Cognitive Neuroscience

PI: [Dr. Iria SanMiguel](mailto:isanmiguel@ub.edu) (isanmiguel@ub.edu)

The Brainlab offers the opportunity for brilliant young researchers or very talented students to join our adventure. If you are passionate for science, highly motivated, hard-working and ambitious seeking for advanced training in cognitive and auditory neuroscience in an incomparable and inspiring working environment, we want you!



The [Brainlab – Cognitive Neuroscience Research Group](#) can support your application to the official PhD fellowship programs launched yearly by the Catalan and the Spanish governments. Successful applicants will receive 3-4 year scholarship to carry out their PhD at the Brainlab in the framework of the University of Barcelona's [PhD program in Biomedicine](#).

The PhD scholarships

Two programs exist from the Catalan and Spanish governments respectively, which award a stipend of circa 15,000 EUR/year to outstanding students to carry out their PhD studies. Applications must be backed up by the prospective PhD advisor. Each PI can support one application to each of these programs yearly. Detailed information on current and previous calls for each of these programs can be found here:

- [FI program](#) (Generalitat de Catalunya): The call for applications is usually in September
- [FPU program](#) (Spanish Ministry of Education, Culture and Sport – MECD): The call for applications is usually around January

The PhD program

Successful applicants will join the University of Barcelona's [PhD Program in Biomedicine](#), and its Neuroscience research area.

The Doctoral Programme in Biomedicine concentrates the academic resources of the University of Barcelona in the area of advanced training of doctoral students in biomedical research. It combines the traditional areas of biomedical study in a single interdisciplinary model. It involves the participation of highly-respected scientists from a range of specialized areas, university departments, faculties, and research institutes (the [Barcelona Science Park](#), [IDIBAPS](#), [IDIBELL](#), [CSIC](#) and others), whose different experimental approaches enrich the programme. The Doctoral Programme in Biomedicine has received the Mention towards Excellence Award from the Spanish General Secretariat of Universities.

Preliminary acceptance to the PhD program is a requirement to be able to apply for the PhD scholarships. Information on enrolment procedures and requirements can be found [here](#).

The PhD project

The PhD project will be carried out within the frame of the project “[TEMPLATES: Exploring sensory templates for predictive processing through motor-sensory associations](#)” (PI: Dr. Iria SanMiguel), in which we investigate how voluntary actions shape perception, and how the interactions between action and perception give rise to the sense of agency (for more information visit the project [website](#)).

Requirements

- Background in the fields of Psychology, Cognitive Sciences, Computer Sciences, Medicine, Biology, Engineering or Physics, and a passion for neuroscience
- A finished Master’s degree. Specifically with a total of 300 ECTS completed in your undergraduate education, of which at least 60 ECTS must be in a Master degree
- EU citizenship
- Outstanding academic marks. Only those with the highest average grade in both their bachelor’s and master’s degrees are successful. The final cut-off mark for obtaining a stipend has been around 8.5 in the last calls. Thus, if your mark is lower, we will not be able to support your application. You can calculate the official equivalence of your marks to the Spanish 0-10 scale using the [form](#) and the [scales](#) and [equivalence tables](#) provided [here](#).

Think you fit this description? Contact us!

Expressions of interest for these programs are welcome (to brainlab@ub.edu). Make sure they are accompanied by:

- 1) CV, mentioning your computer skills (e.g., Matlab), experience in EEG and fMRI recordings and any other relevant data related to Neuroscience that you have been in touch with.
- 2) Motivation letter
- 3) Official transcript of your academic grades, preferably accompanied by the [European Diploma Supplement](#).