

POSTDOCTORAL POSITION · 2 YEARS

Neural mechanisms of decision-making

Plasticity of Brain Networks Lab

Line of research: Neural Mechanisms of Behavior (PI: Dr. Encarni Marcos)

Institute for Neurosciences CSIC–UMH · Alicante, Spain

How do different brain regions interact to shape our choices? And how does the body, and movement in particular, influence what we decide?

We study the neural circuits underlying decision-making by combining behavioral tasks in animal models, *in vivo* electrophysiology and computational modeling.

YOUR ROLE

- Training animals in **decision-making tasks**
- ***In vivo* electrophysiological recordings**
- Analysis of **behavioral and neural data**
- Close interaction with computational modeling and with the rest of the team

WHO ARE WE LOOKING FOR?

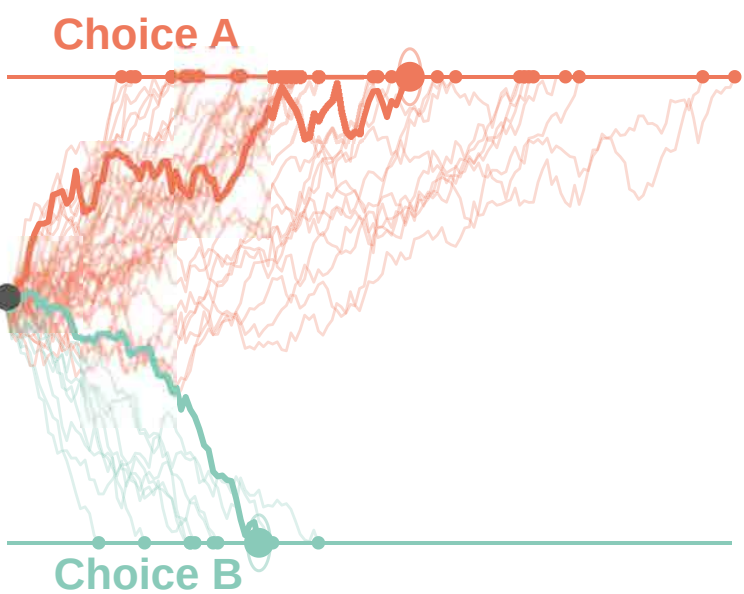
Required: PhD in Neuroscience, Biology, Psychology, Physics, Engineering or a related field; **demonstrable hands-on experience in electrophysiology**; accreditation for animal experimentation; good written and spoken English.

Valued: experience training animals in behavioral tasks; programming skills (Python/MATLAB) for the analysis of neural and behavioral data.

Motivated, independent and collaborative.

To apply, send your CV, a cover letter and contact information for 2 references to

emarcos@umh.es

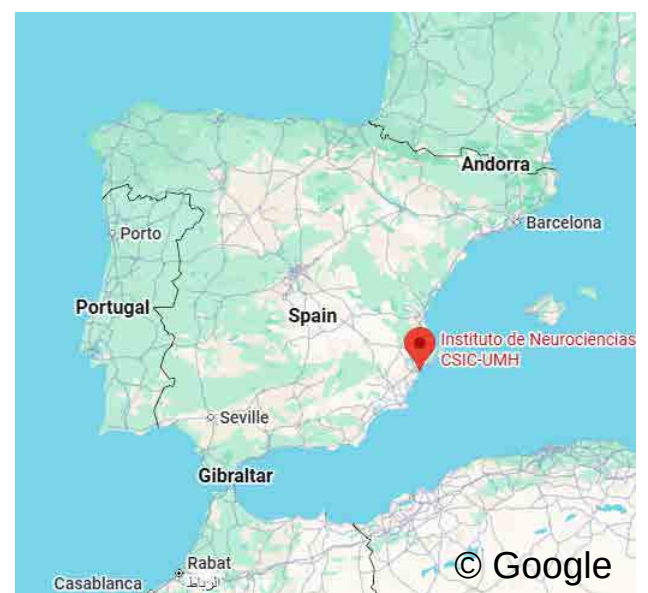


WHAT WE OFFER

- Full-time contract for **up to 2 years**
- Salary according to UMH scales
- Training and international collaborations

THE ENVIRONMENT

The Institute for Neurosciences is one of Europe's leading neuroscience centers and a Severo Ochoa Center of Excellence, with state-of-the-art facilities, a few minutes from Alicante and the Mediterranean Sea.



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