

JOB OPENING: PhD position

Where: Cognitive Control & Habit Lab, CINCC-CSIC, Alcalá de Henares Madrid, Spain

When: early 2024

Title: The role of habitual inhibition in cognitive and emotional control (PID2022-136996NB-I00)

Websites: <https://www.controlandhabit.com/> <https://www.cincc.csic.es>

The project:

The candidate will work on the **Habit-Inhibit** project funded by the Agencia Estatal de Investigación, Ministerio de Ciencia e Innovación (PID2022-136996NB-I00). We aim to define the behavioural and neural footprints behind **cognitive and emotional habitual inhibition and their associated causal network, to also define the role of dopamine involved in cognitive and emotional habitual inhibition**. The present doctoral project will focus on the design and validation of a novel and cutting-edge paradigms to capture a novel cognitive mechanism in healthy participants using neuroimaging and neuromodulation, as well as studies in patients with Parkinson's disease.

Our team:

The hosting group is a growing multidisciplinary international and highly competitive team in the field of cognitive and clinical neuroscience. The PI Dr. Ignacio Obeso is a researcher at CINCC-CSIC and collaborates with local hospitals ([Hospital del Sur-HM](#) [Hospitales; AdCom Hospital Gregorio Marañón](#)). Our group's main research objectives aim at elucidating the neurocognitive mechanisms behind cognitive control, reward and habits to uncover the neural basis of these behaviours. We also work to update and inform how these cognitive processes are dysfunctional in clinical scenarios (Parkinson's disease, behavioural addictions). We employ various neuroscientific techniques (e.g., behavioral testing, eye-tracking, psycho-physiology, fMRI, PET, brain stimulation) and designs (cross-sectional, longitudinal, and training protocols) in health and disease conditions.

Required

- Psychologist, computer science or biomedical engineer
- Excellent programming skills
- Experience with neuroimaging
- Good command of English

Desirable

- Good command of Spanish
- Familiarity with statistical analysis

Type of contract/Duration of Contract : Temporary, 4 years (Full-time)

Payment: doctoral researcher contract for 4 years

Want to join?

Please send the following documents with "PhD_2024" in the subject: CV, a statement outlining research interests and motivation to apply for the position, contact details of 2-3 references.

Deadline for application: 15/12/2023

Contact details for enquiries: i.obesomartin@gmail.com