

## PhD Position in Translational Neuropsychopharmacology

We are seeking to recruit a curious, enthusiastic and highly motivated PhD candidate with a strong interest in translational neuropsychopharmacology. The successful candidate will join the Transnational Neuropsychopharmacology laboratory of the Institute of Neurosciences (UMH-CSIC) in Alicante (Spain) while completing their studies towards obtaining a PhD degree in Neuroscience from the University Miguel Hernández.

**Project:** The laboratory focuses on identifying key receptors and genes underlying the behavioral and molecular alterations involved in the onset of neuropsychiatric disorders (anxiety, depression, substance abuse, Parkinson's disease, etc.) and which may represent new therapeutic targets for treating these diseases.

Our objective is to gain a deeper understanding of the mechanism of action of drugs and, based on this knowledge, propose potential therapeutic alternatives. To this end, we have several animal models of neuropsychiatric pathologies that help us estimate the efficacy of the drugs we are studying. We routinely employ a range of methods in the laboratory to assess the behavioral characteristics of these animal models and investigate functional alterations.

In particular, the contract will be attached to a project intended to better understand the characteristics of and precursors for adolescent depression. This will be possible thanks to combining studies in patients and mice.

### Requirements:

- Master's degree in Pharmacy, Psychology, Medicine, Biology, Biotechnology or related fields.
- Strong motivation for research in neuropharmacology.
- Willingness to work with mice is crucial. Certification in animal handling is desired (but not essential).

### What we offer:

A full-time PhD position for years (starting from next September/October).

**How to apply?** Those who meet the above requirements and are interested in conducting this type of research should send their application, along with a brief statement explaining their reasons for wanting to do their thesis with us and a copy of their CV, to Jorge Manzanares ([jmanzanares@umh.es](mailto:jmanzanares@umh.es)) or María Salud García Gutiérrez ([maria.ggutierrez@umh.es](mailto:maria.ggutierrez@umh.es)) to arrange an interview.

Thank you very much for your interest.