

## PhD position offer

### Laboratory of Neurogenetic basis of behavior

The laboratory of *Neurogenetic basis of behavior* (<http://in.umh-csic.es/IP/SanchezAlcaniz.html>) offers a PhD position funded by the CIDEAGENT program (Scientific Agency of the Generalitat Valenciana, Spain) to work in the study of the neuronal and genetic basis of behavior using the gustatory system of *Drosophila melanogaster* as a model system. We use a mix of neuronal tracing techniques, *in vivo* calcium imaging and behavioral assays to analyze how sensory information is detected, processed and integrated in the central brain.

The laboratory makes part of the Institute of Neuroscience, a joint center between the *University Miguel Hernández (UMH)* and the *Consejo Superior de Investigaciones Científicas (CSIC)*. The Institute is devoted to the study of the brain, from its development, molecular basis of neuronal function, neuronal basis of behavior and neuropathology. All this is achieved by using different animal models and state-of-art technical facilities.

Alicante is a vibrant city located in the southeast region of Spain. An international airport, high speed train and highway keeps Alicante connected to all regions of Spain and Europe. In addition, the proximity of the sea and the great food makes Alicante a great place to live.

Interested candidates, please send a CV and cover letter to [juan.sanchez@umh.es](mailto:juan.sanchez@umh.es).



Juan Antonio Sánchez-Alcañiz, PhD