



WE ARE

HIRING!

JOB DESCRIPTION

The Translational Imaging Biomarkers Laboratory at the Institute for Neurosciences in Alicante, led by Dr. Silvia De Santis, is seeking candidates for a **two-year postdoctoral position**, with the possibility of extension, to join our research team and work on a preclinical and clinical MRI research project funded by the *Fundació Pasqual Maragall*, one of Spain's leading foundations dedicated to Alzheimer's disease research.



THE INSTITUTE

The prestigious **Institute for Neurosciences CSIC-UMH in Alicante**, the largest publicly funded center dedicated to brain research in Spain and a Severo Ochoa Centre of Excellence, is the ideal environment to perform research at only few minutes from the Mediterranean Sea.

THE LABORATORY



Translational Imaging Biomarkers Lab

Our research focuses on developing and applying non-invasive, and translational MRI methods to characterize brain microstructure across the lifespan and identify early biomarkers of neurodegenerative disease. The laboratory offers a highly multidisciplinary environment at the interface of biology, mathematics, and computer science.

APPLY HERE:

silviadesantislab@umh.es

- send: CV, expression of interest and past experience according to this template →
- deadline: 15/09/26



candidate profile

Applicants should hold a PhD in engineering, physics, neuroscience, computer science, or a related discipline.

Essential requirements:

- > Demonstrated experience processing diffusion-weighted MRI (dw-MRI) data.
- > Experience with machine learning methods applied to biomedical or neuroimaging data.
- > Strong programming skills (e.g., Python).
- > Ability to work independently as well as collaboratively in a multidisciplinary environment.
- > Good written and spoken English.

Desirable qualifications:

- > Experience with advanced diffusion MRI modelling and image processing pipelines.
- > Experience with statistical analysis of neuroimaging data.
- > Familiarity with open-source neuroimaging software (e.g., DIPY, FSL, MRtrix, ANTs).

what we offer

- > A full-time postdoctoral position under the CSIC FC4 professional category.
- > Gross annual salary of €38,500.
- > An international and collaborative research environment.
- > Access to state-of-the-art MRI facilities and computational resources.
- > Opportunities to participate in high-impact translational neuroimaging research and international collaborations.

JOIN US!