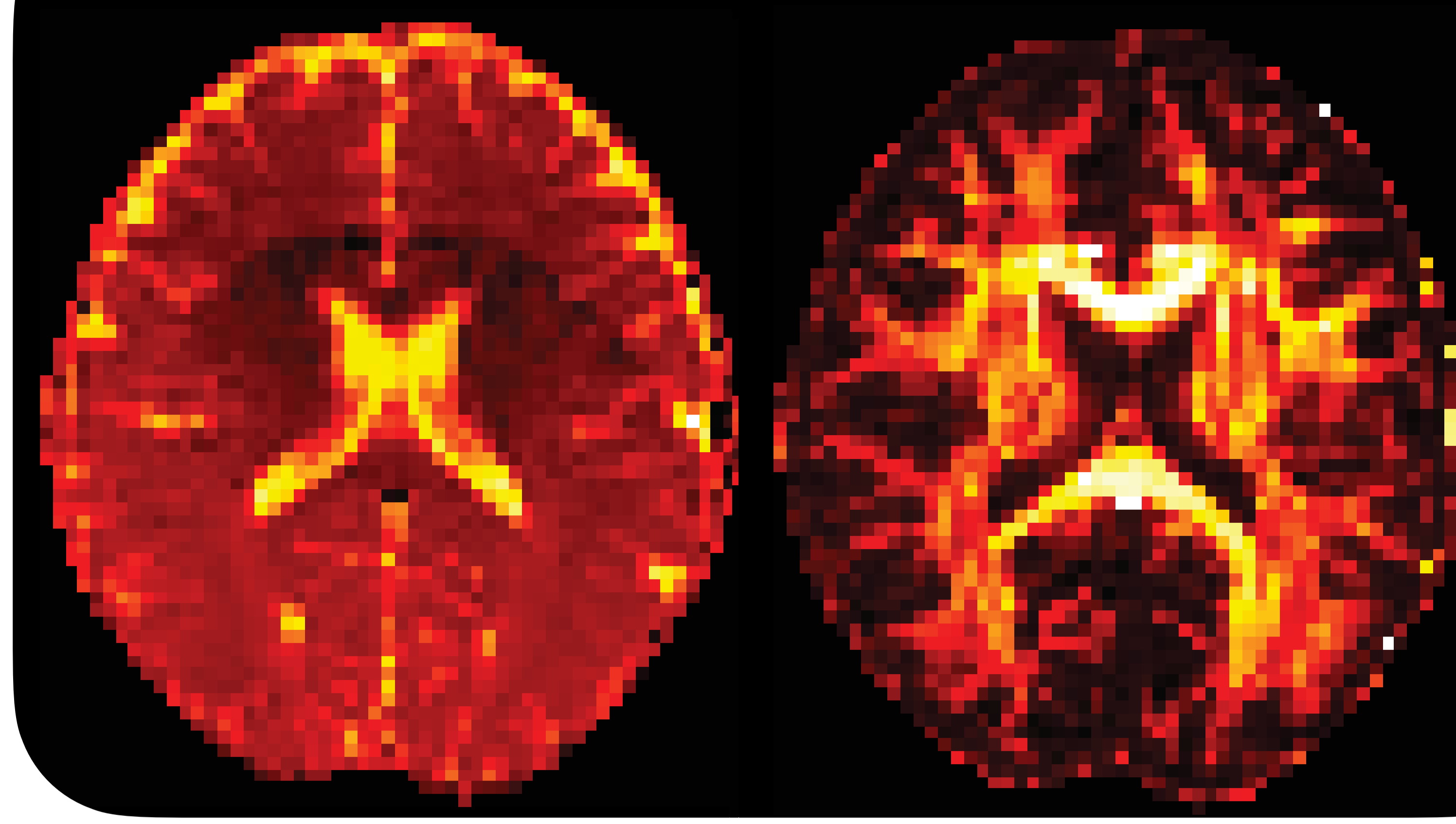




Translational Imaging Biomarkers Lab



# We are hiring!

## Job Description

The research line "AI-inspired biomarkers of brain structure and function", led by Dr. Maximilian Ettl, is looking for candidates for a fully funded PhD position (3 years with possible extension), to join our research team to develop mathematical and computational approaches to understand brain disease and health.

## The laboratory

As part of the Translational Imaging Biomarkers Lab, we combine mathematics, machine learning, and neuroscience to develop computational and imaging tools for studying the brain. Together with Dr. Silvia De Santis, we focus on interpretable AI, quantitative imaging, and computational modelling to understand brain health and disease.

## Candidate Profile

Applicants should hold (or close to completing) a Master's degree in fields such as:

- Applied Mathematics
- Engineering
- Physics
- Computational Neuroscience
- Data Science

Prior experience in programming (e.g. Python) is required. Experience in machine learning is advantageous but not required.

## How to apply

Send an email to [megg@umh.es](mailto:megg@umh.es) with a CV and 300 word expression of interest. Preferred start date: Autumn 2026.

Applications are open until the position is filled.

## The Institute

The Institute of Neurosciences (CSIC-UMH), Alicante, is a world-class neuroscience research centre with outstanding experimental and computational facilities. Researchers benefit from a vibrant international community, excellent quality of life, and a location on the Mediterranean coast with over 300 days of sunshine per year and beaches just minutes from campus.

