Permanent Research Positions (Tenured) in Neuroscience at the Institute for Neurosciences (IN) CSIC–Universidad Miguel Hernández (Alicante, Spain)

The Institute for Neurosciences (IN), a Severo Ochoa Centre of Excellence, invites applications for **two permanent research positions** at the level of **Tenured Scientist *(Científico Titular)*** within the Spanish National Research Council (CSIC), the largest public research organization in Spain.

These positions represent the **entry-level permanent appointment** in the CSIC research career, which comprises three successive stages: *Científico Titular, Investigador Científico,* and *Profesor de Investigación* (equivalent to Full Professor).

Successful candidates will establish independent and competitive research programs within a highly collaborative, multidisciplinary, and internationally visible research environment.

About the Institute

The IN is internationally recognized for excellence in basic and translational neuroscience, spanning molecular, cellular, systems, and clinical research. The Institute offers **state-of-the-art core facilities**, including advanced imaging, OMICs platforms (including spatial and single-nuclei transcriptomics), mouse transgenics, behavioral analysis, and high-performance computational infrastructure. The IN also fosters a strongly collaborative culture across disciplines and scales of analysis.

What We Offer

- A **permanent faculty-level position** at a leading European research institution
- Competitive start-up resources and access to cutting-edge infrastructure
- An intellectually vibrant, collaborative, and international research environment
- Strong institutional support for scientific independence, career progression, and leadership

Target Research Profiles

While outstanding candidates from all areas of neuroscience are welcome, the Institute is particularly interested in applicants aligned with the following strategic profiles:

1. Brain Organoids and Advanced Stem Cell–Derived Models

We seek researchers developing innovative **organoid and stem cell–based platforms** to study human brain development, evolution, plasticity, and disease.

Relevant research directions include (but are not limited to):

- Mechanisms of neuronal and glial specification, differentiation, and migration
- Evolutionary diversification of brain structures
- Cellular plasticity across development and adulthood, including regeneration, reprogramming, and tumorigenesis
- Developmental and maturational trajectories of neural circuits, integrating adaptive and maladaptive plasticity

2. Data Science and Computational Neuroscience

We seek to establish a new research focus in **next-generation data science for neuroscience**, forming a **core computational and methodological engine** for the Institute. This position is central to the IN's long-term scientific strategy.

A defining strength of the IN is its high density of experimental research groups spanning molecular, cellular, systems, and behavioral neuroscience. This environment offers exceptional opportunities for close integration between computational modeling and experimental work, enabling iterative theory–experiment cycles that are essential for mechanistic discovery.

Relevant research directions include:

- Development of computational models linking cells, circuits, and behavior
- Data science approaches for integrating large-scale multimodal datasets
- Artificial intelligence, machine learning, and quantitative methods from dynamical systems and statistics to uncover latent structure and generate mechanistic hypotheses in neuroscience

Eligibility and Application Process

Applicants must hold a **PhD at the time of application** and demonstrate the scientific excellence, independence, and international visibility required to establish a competitive research program. Appointments to the position of *Científico Titular* are made through a **national competitive selection process *(oposición)***, conducted by an independent panel of expert evaluators, in accordance with CSIC regulations.

To be considered, candidates **must formally apply to the official CSIC call** by completing the application process and submitting the required documentation as specified at the following link: **https://boe.es/boe/dias/2025/12/31/pdfs/BOE-A-2025-27154.pdf**

The Institute for Neurosciences strongly encourages prospective applicants to **contact us for guidance or informal inquiries** regarding eligibility, alignment with strategic profiles, or the application process: [secr.in@umh.es].

In addition, candidates are encouraged to send their CV to the **IN in-house Recruitment Committee** to express their interest in joining the institute. Please send documents to: [secr.in@umh.es]. Subject line: CSIC Permanent Positions 2024/2025

The Institute for Neurosciences is committed to excellence, diversity, and equal opportunity, and welcomes applications from underrepresented groups.