

4-year, FPI-funded PhD position investigating **human circuit** function

We are looking for applicants for an **experimental PhD position** to join a new research team led by Jake Watson at Hospital del Mar Research Institute, Barcelona. Working with Hospital del Mar Epilepsy Unit and Neurosurgery team, we apply **advanced imaging** and **patch-clamp electrophysiology** techniques to rodent and **neurosurgical human brain samples** to ask:



- How do **human** cells and synapses give rise to computations?
- Can we understand how they change in **patient** epilepsy?

What are we looking for?

- MSc in Neuroscience, Life Science, or equivalent
- Strong interest in cellular neuroscience research
- Experimental molecular/cell biology experience
- Prior experience with image analysis or electrophysiology highly valued

To apply, please send:

- CV with 1-2 referees
- Short expression of interest to jwatson@researchmar.net

Applications continuously reviewed until 1st November 2026



Visit the research team website:
humancircuits.net

