

## Two PhD studentships in circuit and behavioural neuroscience

We are looking for two motivated, inquisitive, and adventurous PhD students to join our recently established laboratory at the Mediterranean Institute of Neurobiology (INMED) in Marseille, France.

The focus of the lab is exploring the interactions between internal models and sensory information. Specifically, we study how long-range connections steer activity in the visual cortices using electrophysiology (Galloni et al. 2020), viral tracing and optogenetics (Galloni et al. 2021), as well as in vivo recordings and behaviour. Two projects are available, one examining information processing using optogenetics and patch-clamp recordings in brain slices, the other exploring in vivo activity during eye-movement related behaviours.

Candidates should have strong neuroscience or quantitative science background, ideally with hands-on experience in animal experimentation or advanced data science proficiency.

The studentships are fully funded for 3 years by an A\*Midex grant. Starting date is fall 2022 the latest.

Neuroscience research in Marseille is broad, diverse, and therefore very fertile. INMED offers state-of-the-art research platforms and a collaborative scientific environment. The city of Marseille is a unique gem in the heart of the Mediterranean, culturally diverse and surrounded by magnificent nature.

Interested candidates should send a short motivation letter, a CV, and contact details for 2 referees to [ede.rancz@inserm.fr](mailto:ede.rancz@inserm.fr). Informal enquiries are encouraged.