

The Brain Institute (ICM), is recruiting

A Research Engineer (H/F)

Position to be filled on January 1, 2024

Temporary contract

A Paris 13^{ème}

The Brain Institute is a private foundation recognized as being of public utility, whose purpose is fundamental and clinical research on the nervous system. On the same site, 750 researchers, engineers and physicians cover all the disciplines of neurology, with the aim of accelerating discoveries on brain function, and the development of treatments for diseases such as Alzheimer's, Parkinson's, multiple sclerosis, epilepsy, depression, paraplegia, tetraplegia, etc.

POSITION

We are seeking a passionate and dedicated research technician to join our team Neuronal Circuits & Brain Dynamics at the Paris Brain Institute (ICM). Our work focuses on unraveling the fascinating mysteries of how the brain generates internal states and how neuromodulators, such as dopamine and serotonin, influence neuronal activity during behavior. To achieve our goals, we employ state-of-the-art techniques, including behavioral, optogenetic, imaging, electrophysiological, and genetic approaches in mice.

Profile:

- We are searching for a science enthusiast who recognizes the importance of the foundational work that keeps a lab thriving.
- Responsibility, attention to detail, and high motivation.
- Exceptional organizational and communication skills are a must.
- As a valuable team member, you will tackle lab-related issues independently, fostering a friendly and dedicated work environment.
- Your record-keeping and computer skills will be essential, as will your fluency in English. Fluency in French is a plus.
- While prior experience in specific neuroscience techniques (such as stereotaxic surgeries, behavior, and histology) is advantageous, it is not mandatory, as training will be provided.
- However, candidates should have completed relevant technical training or hold a university degree in biological sciences (or equivalent).
- Applicants with an M.Sc. or Ph.D. are encouraged to apply.
- A desire to learn new techniques and apply them with high standards, coupled with a strong work ethic and reliability, will be crucial.
- Experience in neuroscience techniques such as stereotaxic surgeries, behavioral experimentation, and histological processing is highly desired.

Main Responsibilities:

- As a research technician, you are at the epicenter of our research activities and you will serve as a point of reference of the lab know-how across generations of lab members.
- As a hands-on research technician, your primary responsibilities will include organizing the laboratory, maintaining basic lab infrastructure, performing routine tasks, regularly updating lab databases, ensuring the lab runs efficiently, and contributing to the team's research efforts.

- Collaborating closely with the team, you will contribute to ongoing research projects and you will conduct behavioral and optogenetic experiments, carry out stereotaxic surgeries, and handle histological processing, including tissue slicing, immunostaining, and fluorescent microscopy.
- You will be responsible for learning, developing, and passing on Standard Operating Procedures (SOPs) for the techniques utilized in our lab.
- Additionally, in coordination with the head of the animal facility, you will supervise and ensure adherence to animal welfare guidelines, as well as maintain project permits and annual reports.
- This role provides the opportunity to lead and participate in research projects to the extent of your desire.

We offer competitive compensation and benefits within an interactive, interdisciplinary working environment, where cutting-edge science thrives and a dynamic, international research community awaits. As part of your role, you will receive extensive training in traditional and cutting-edge neuroscience techniques related to mice.

If you are eager to join our vibrant research community and contribute to groundbreaking discoveries, we warmly welcome your application. The position is available immediately, with the potential for a permanent contract based on performance.

If you would like to know more, visit our website: neurondynamics.eu and read about our team's mission and values.

Why join our team:

- We are a young and vibrant group of scientists, fueled by curiosity and passion for understanding the brain.
- We work as a team and use or invent cutting-edge neurotechnologies to answer fundamental questions in neuroscience.
- Our team is committed to the training, mentorship, and career development of the next generation of neuroscientists. To achieve that, we foster an inclusive and supportive environment, where we can learn and advance science while having fun in the process.
- Our work is multi-disciplinary, and so is our team. Irrespective of your background and project, our research environment will expose you to a diverse range of experimental and computational aspects of systems and circuits neuroscience. We thus encourage everyone to apply, especially those from underrepresented minorities.
- Our team is affiliated with Inserm and is located in the Paris Brain Institute (ICM), where we have access to state-of-the-art facilities and resources.
- Our vibrant community at the ICM and throughout Paris promotes broad collaboration and learning opportunities.

How to apply:

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Please send a statement of your past work and interests, your CV, and contact information for 1-3 references to the address: contact@neurondynamics.eu