



**The Brain Plasticity laboratory (ESPCI Paris-CNRS)
is seeking a team leader working in the field of *Drosophila* neurobiology**

The School of Industrial Physics and Chemistry (ESPCI) of the City of Paris is both a Grande Ecole of engineers and a research institute of international reputation enjoying a strong culture of scientific excellence. The Brain Plasticity laboratory (<https://www.bio.espci.fr/-Home->), directed by Thomas Preat (deputy director Philippe Faure), currently hosts 6 teams comprising around seventy researchers, students, engineers and technicians. The teams benefit from numerous research contracts and in particular from two ERC grants. At the end of 2023, the laboratory will move into a new building located on the main campus in the heart of Paris (<https://www.espci.psl.eu/fr/espci-paris-psl/futur-campus-espci/>).

In connection with the installation in the new premises, the laboratory wishes to welcome a new team using *Drosophila* as a model system. **Projects that would develop an integrative neurophysiology approach involving *in vivo* functional studies will be considered as a priority.** For example, the laboratory's current research focuses on



learning and memory, addiction, glia-neuron interactions related to energy metabolism, Alzheimer's disease, the study of inter-individual variations behavior, or the development of synapses and their plasticity.

The successful candidate should hold a permanent position in France, for example at the CNRS, or benefit from major financial support such as ERC Starting or ATIP pending a tenured recruitment. The originality and quality of the scientific project will be key elements. The premises proposed to accommodate the new team are 100-115m², and will be available at the end of 2023. In addition the team will have access to common equipment (confocal microscope, cryostat, cell culture room, *Drosophila* facility, etc.). The team will also receive technical assistance for the maintenance of *Drosophila* strains, and annual financial assistance for the purchase of equipment. Financial support will be provided by local institutions for the installation of the team.

Please send by email a single pdf document including a letter of motivation, the CV of the team leader, a 3 pages description of the main achievements, and a 3 pages description of the research project. The deadline for sending the application is set for October 30, 2022, but incoming applications will be examined by the laboratory scientific committees upon reception.

Contact: thomas.preat@espci.fr