



**The Institute of NeuroPhysiopathology (INP)
welcomes tenured researchers/lecturers, and junior
researchers to lead or strengthen its research programmes**

The Institute of NeuroPhysiopathology (INP) is a new laboratory of the CNRS/Aix-Marseille University created in 2018 that combines fundamental and translational research in a stimulating and friendly working environment (<https://inp.univ-amu.fr>). The INP is located on the Health Sciences Campus of La Timone, which is home to other leading neuroscience laboratories, bringing together more than 400 people covering a wide range of topics.

The INP seeks to attract the next generation of neuroscientists to explore new frontiers in human brain diseases (*e.g.*, neurodegenerative diseases, brain cancer), the organisation of the neuronal cytoskeleton, cell reprogramming and disease modelling, brain-immune system crosstalk, neuron-glia interactions, blood brain barrier dysfunctions and the basis of cognition and circadian rhythms.

The INP is looking for two types of profiles:

1) Researchers and university lecturers holding a permanent position in France, interested in leading an independent research team or wishing to join existing teams.

2) Junior researchers looking for a permanent position in France to lead independent and innovative research programmes. We strongly encourage applications from candidates meeting the criteria to apply for ATIP-Avenir or European funded (*e.g.*, ERC) programmes. We offer support and guidance in preparing applications for grants and permanent positions.

Candidates should send their application before 15 January 2021 in a single PDF file to the director of the laboratory, Dr Michel Khrestchatisky (michel.khrestchatisky@univ-amu.fr) and to the deputy director, Dr Santiago Rivera (santiago.rivera@univ-amu.fr). Applications must include a CV and a cover letter describing current and future scientific endeavours.

The INP is a *Laboratoire Commun de Recherche* (Labcom) that offers an internationally competitive research environment in partnership with the biotechnology spin-off company Vect-Horus (<https://www.vect-horus.com>). The state-of-the-art technological facilities include super/high resolution and high throughput AI-based microscopy (STORM, SIM, SoRa, HCS), an iPS cell platform, and a biophysical platform specialized in molecular interactions (SPR, DSC, DSF, ITC, AUC and mass spectrometry). INP staff also have access to other cutting edge facilities on campus, including live 2-photon and electron microscopy, virus production and utilization facilities (A2-A3), functional imaging (MRI) and a brand new SPF rodent facility with space for surgery and animal behaviour studies. Hospital centres located near the campus facilitate interactions with clinicians, notably through the DHUNE federation of laboratories associated with the Centre of Excellence in Neurodegeneration (CoEN) (<https://www.coen.org>), of which the INP is a member.

The INP is a member of NeuroMarseille (<https://neuro-marseille.org>), a network of excellence that brings together scientists, clinicians and entrepreneurs, representing the 2nd largest neuroscience community in France. Within the framework of Aix-Marseille University, the INP is integrated into the new European University, CIVIS (<https://civis.eu/fr>), thus promoting scientific and training synergies in a rich and dynamic international environment.

The INP is also part of the Institute of Oncology and Immunology and the Imaging Institute for Biology and Medicine of Marseille, which underlines its interdisciplinary character.

INP staff is actively involved in undergraduate teaching, as well as in the international PhD program through NeuroSchool, the Graduate School of Neuroscience (<https://neuro-marseille.org/en/training/>), which offers scholarships to foreign master and PhD students wishing to work in a NeuroMarseille laboratory.

Finally, the INP is located in the centre of Marseille, a few kilometres from the magnificent *Parc National des Calanques* and the scenic and cultural charms of Provence, a perfect complement to the dynamism of Marseille and its region as a place to live and do science.