

## CALL FOR RESEARCH TEAMS IN NEUROSCIENCES

### Timone Medical School Campus, Aix-Marseille Université Marseille

Aix-Marseille Université launches an international call for neuroscience researchers who wish to establish independent research groups in the cutting edge environment of the Timone Medical School campus, Marseille (France). This call is part of the Timone Neuroscience initiative supported by Aix-Marseille Université with the ambition to build an international campus of excellence for basic, computational and clinical neurosciences. With this initiative, the research facilities dedicated to Neuroscience will be extended by an additional 6500m<sup>2</sup> funded by the PACA Regional Government and fully supported by Aix-Marseille Université, CNRS and INSERM. The Medical School campus is located in the center of Marseille, next to the largest University Hospital (CHU Timone).

The Timone campus already hosts two leading research institutes in neuroscience, the *Institut de Neurosciences de la Timone* (INT, UMR7289, CNRS & AMU, Director Guillaume Masson) and the *Institut de Neurosciences des Systèmes* (INS, UMR1106, INSERM & AMU, Director Viktor Jirsa). Successful candidates will join either INT or INS depending on their research interests and will develop their scientific projects in coherence with the respective institute themes. INT emphasizes integrative and clinical neurosciences from cellular to cognitive levels, including cellular and molecular neurobiology, neurophysiology, brain imaging, behavioral neurosciences and primatology; INS emphasizes a multidisciplinary approach to brain dynamics and system neuroscience integrating cognitive, clinical, theoretical and computational neuroscience. Both institutes comprise a total of 15 research teams and have several core facilities for animal and human research, neurobiology and neurophysiology, high-performance computing (The Virtual Brain), as well as pre-clinical and clinical imaging (photonic imaging, 3T MRI, sEEG/EEG, MEG).

The following research themes are strongly supported in this call:

- *Functional brain imaging of cognitive dynamics in human and/or non-human primates*
- *Theoretical, computational and experimental exploration of cognitive architectures*
- *Sensory and/or motor systems, from molecular to behavioral levels*
- *In vivo/in vitro functional exploration of cortical or sub-cortical networks*
- *Computational neurosciences, from cellular, micro-circuits to large-scale network architectures*
- *Modeling neurological and/or psychiatric diseases with pre-clinical or clinical approaches*

Candidates should be dynamic investigators with an excellent track record, with or without an existing research group. They must have a strong potential to independently develop innovative research programs and be keen to drive ambitious collaborations within INT and INS and

beyond, ideally through collaborations with clinical units of the Marseille University Hospital. Biologists and clinicians, as well as scientists with a strong training in cognitive psychology, physics, mathematics, and/or computational sciences, addressing fundamental questions in neuroscience are strongly encouraged to apply.

Selection of applications will be based on scientific quality and evaluated by an International Scientific Board.

Appropriate laboratory space, depending on group size and seniority, will be made available to the selected group leaders. A competitive start-up package, including contributions to running costs and equipment, access to state-of-the-art core facilities and administrative support, will be complemented by institutional salaries, provided the candidate meets the criteria to compete for national (ANR, FRM..) and international (ERC) research funding and for French institutional research and/or teaching positions (CNRS, Inserm, University, Chair of Excellence, ATIP/Avenir Program).

Interested candidates should submit a complete CV, a description of their research interests (achievements and project, max 3 pages) and 3 support letters. More information and application documents can be found at <http://www.int.univ-amu.fr/INT-and-INS-call-2016> and <http://ins.univ-amu.fr/call-for-research-teams-in-neurosciences/>.

Please send inquiries and application to: [int-direction@univ-amu.fr](mailto:int-direction@univ-amu.fr)

Deadline: February 29th, 2016

New groups will join either INT or INS and will be established in 2016-2017

More information about the *Institut de Neurosciences de la Timone (INT)* and *Institut de Neurosciences des Systèmes (INS)* can be found at <http://www.int.univ-amu.fr> and <http://ins.univ-amu.fr>

