

MEG/EEG – Institut de Neurosciences des systèmes

<https://www.neurodegenerationresearch.eu/survey/megeeg-institut-de-neurosciences-des-systemes/>

Infrastructure name

MEG/EEG - Institut de Neurosciences des systèmes

Institute/location

Institut de Neurosciences des systèmes

Key contact

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Project/infrastructure description

The Institut de Neurosciences des Systèmes (INS, UMR1106) is a multidisciplinary research institute of Inserm and Aix-Marseille University located on La Timone Campus in Marseille. INS core faculty is composed of members of academic (Faculty) and clinical (APHM) institutions, as well as Inserm and CNRS researchers. The INS research has been developed around a common concept, the dynamic brain, integrating experimental, theoretical and clinical approaches towards the understanding of brain function and dysfunction. INS houses a wide range of state-of-the-art facilities of brain research, which includes the MEG facility, the TMS-EEG facility with a Brain Navigation system, various electrophysiology laboratories, an epileptic patient unit, and the Virtual Brain platform. INS researchers perform research across species ranging from the rodent, through the monkey to the human brain to uncover the mechanisms underlying the functioning of the healthy brain and its disorders, notably epilepsy as the paradigmatic dynamic brain disease. The INS research is based on both traditional approaches, as well as novel approaches that carry a high-risk, but promise a high-impact (see for instance the projects EpiMonk and Virtual Brain). Such innovative projects can only be realized within a unique environment as offered by INS, in which many and distinct competencies ranging from Applied Mathematics through structural/functional brain imaging to Clinical Epilepsy are assembled in the same unit.

Date funding committed

Date infrastructure operational

Total capital cost (Euros)

Part of FLI (€14,000000 total)

Does the 'Total Capital Cost' include other associated costs?
Current infrastructure status

Operational

Is this entry applicable to another section of this questionnaire?

Research Networks

Further information available at:

Platform is part of FLI. France Life Imaging bears the ambition to become the privileged point of access to the biomedical imaging research, and gathers under its banner a federative network of research teams and facilities. <http://www.int.univ-amu.fr/-Institute->

Types:

Capital Infrastructure

Member States:

France

Diseases:

N/A

Years:

2016

Database Categories:

N/A

Database Tags:

N/A