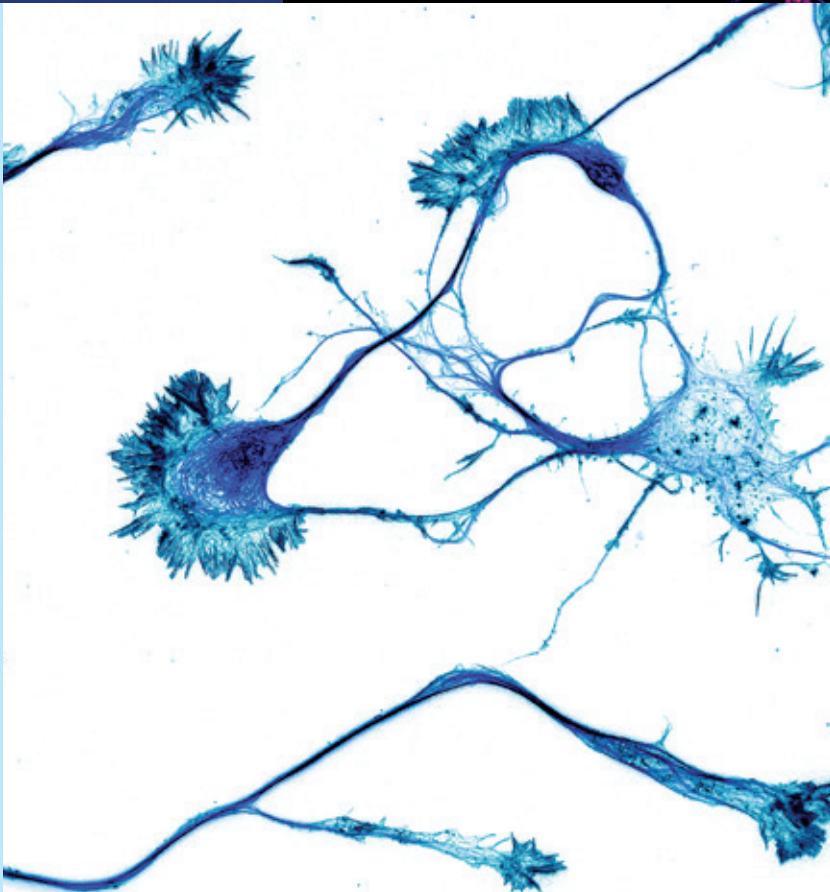
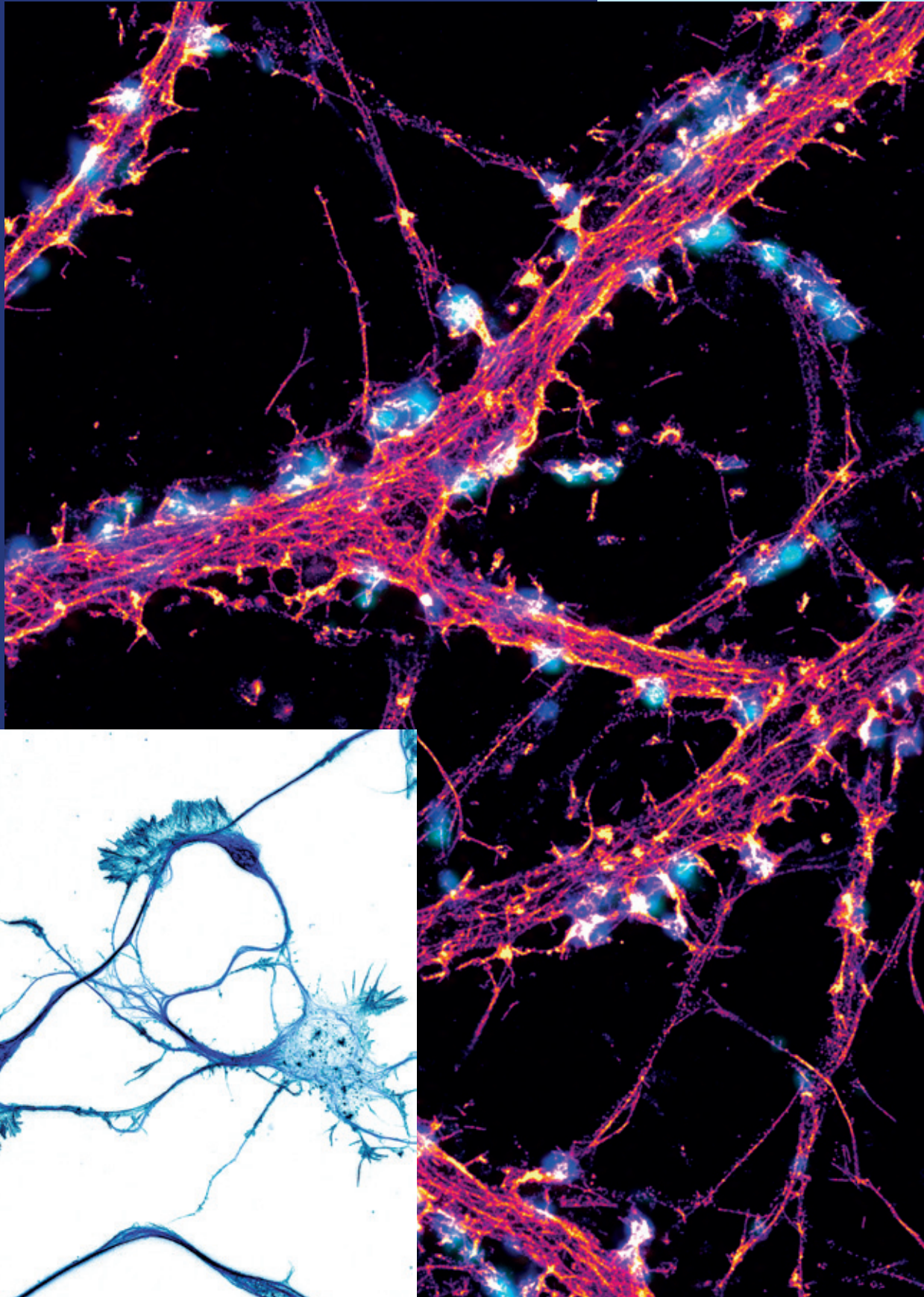




Bringing together neuroscience research and training

Marseille is the second-largest neuroscience hub in France. NeuroMarseille brings together 7 research institutes, more than 80 teams involving 1 000 researchers, engineers and students and NeuroSchool, our graduate school in neuroscience. Our aim is to improve the visibility, attractiveness and impact of neuroscience research and training at Aix Marseille Université. NeuroMarseille strengthens the links between training and research around 4 areas: development, physiopathology of neural networks, behaviour and its neural bases, ageing and brain damage. NeuroSchool offers advanced training for undergraduate, master's and doctoral students, tailored to their professional goals. NeuroMarseille is preparing the next generation for the frontiers of research.

Forming a community

7 research units

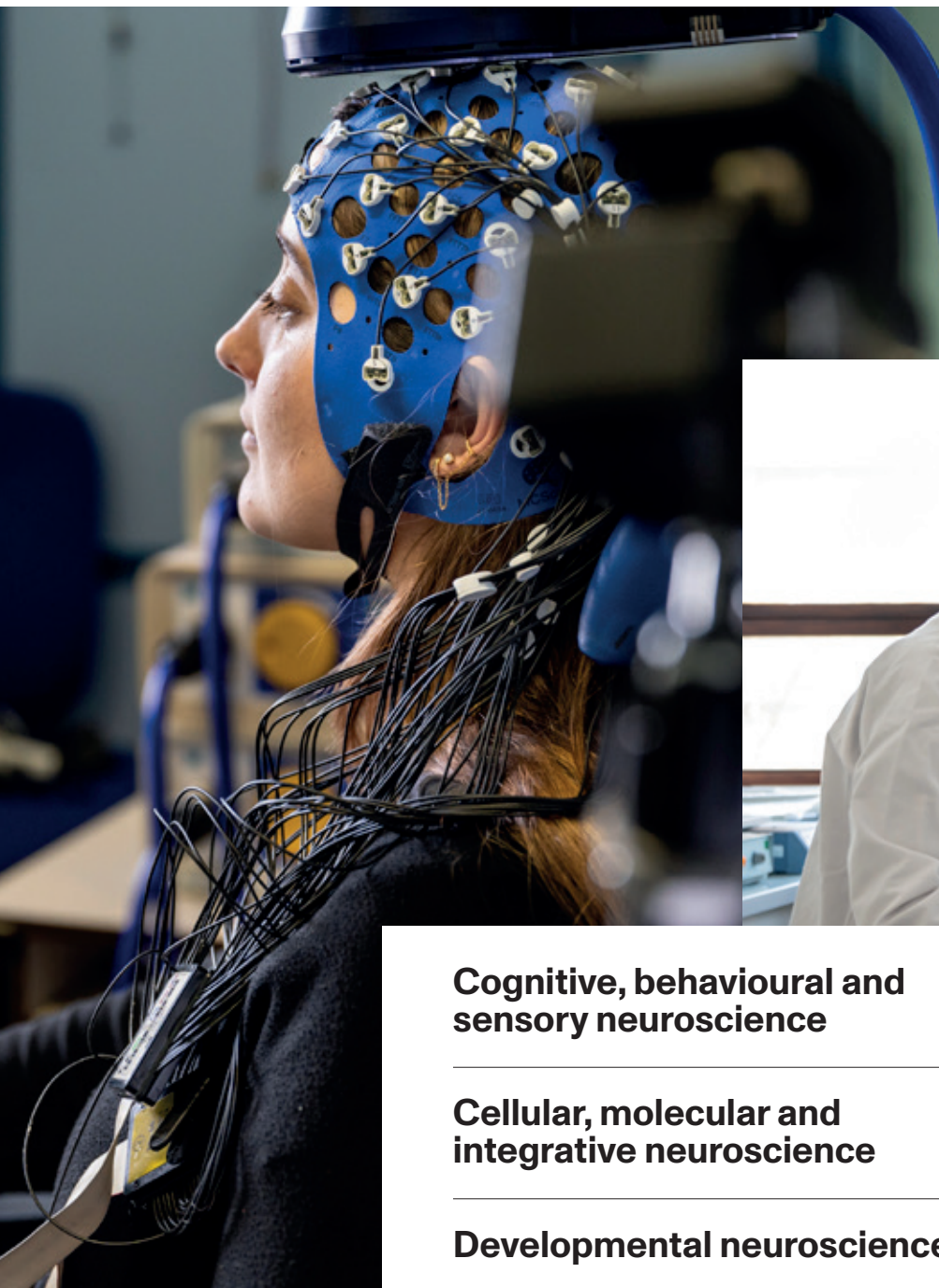
**more than 80
research teams**

**12 working
groups**

4 faculties

**more than
1 000 staff**

**more than
350 students**



**Cognitive, behavioural and
sensory neuroscience**

**Cellular, molecular and
integrative neuroscience**

Developmental neuroscience



Bringing disciplines closer together

Scientific events
Clinical research
Data science
Science and society

Shared facilities

Incentive calls for projects
for our community



Training through and for research

Work placements in laboratories
and research projects from 3rd year
of Bachelor's degree onwards

Funding for doctoral students:
PhD contracts, conferences
and summer schools

"Professionalization of
students" course

Acting internationally

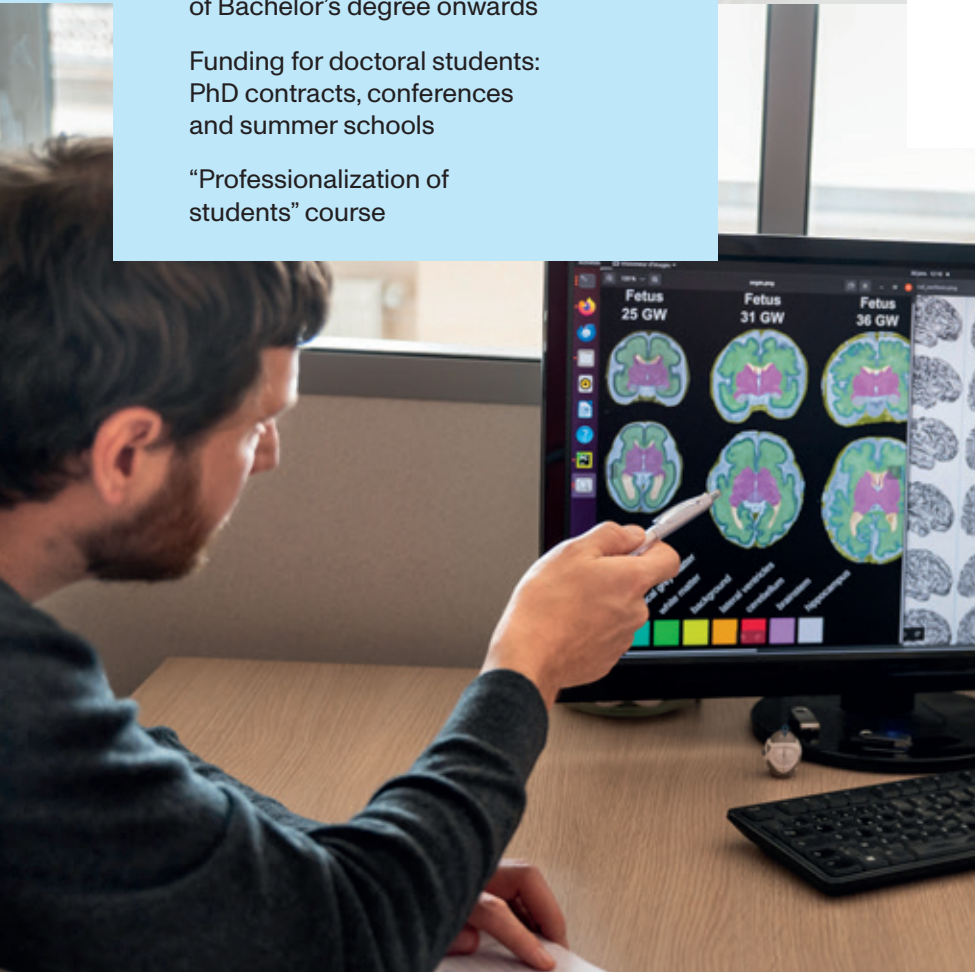
Doctoral contracts for international
students and PhDs under joint
supervision / 12 partner universities

For students: short incoming and
outgoing mobilities

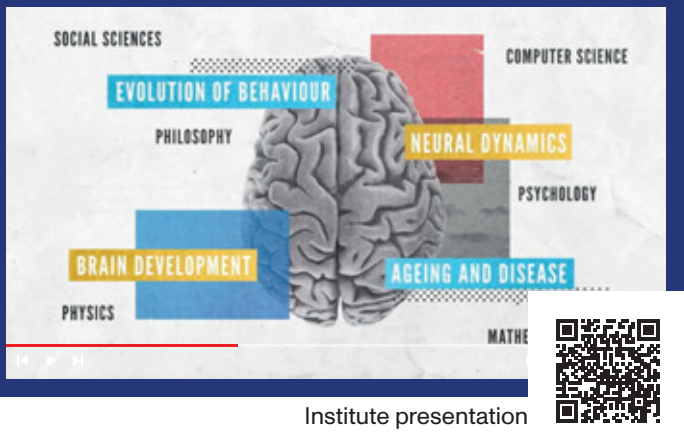
Initiation of international training
programmes

Strengthening partnerships

- AP-HM
- INSERM
- CNRS
- EJCAM
- MINES St-Étienne
- SFN, FENS, Euroglia ...
- Vect-Horus
- OZ Biosciences
- NeuroServices Alliance
- Aquineuro
- Ventio
- ArmosR
- Adalab
- InMind
- In Flectis Bioscience



Videos



Institute presentation

There are more videos on our YouTube channel:
<http://url.univ-amu.fr/neuromarseille-videos>



Explore the institute's concrete actions

Our executive office

The entire governance team: <http://url.univ-amu.fr/institut-neuomrs-gouvernance>



Director :
Guillaume Masson



Deputy research
director:
Olivier Manzoni



Deputy training
director:
Francesca Sargolini



Director of
operations:
Fanny Barlaam



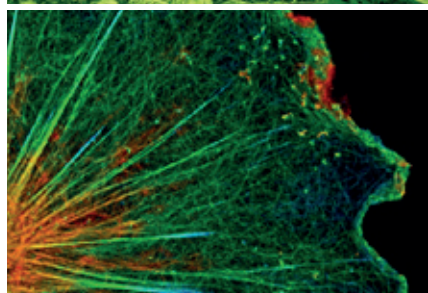
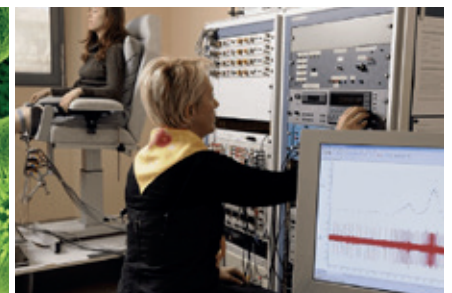
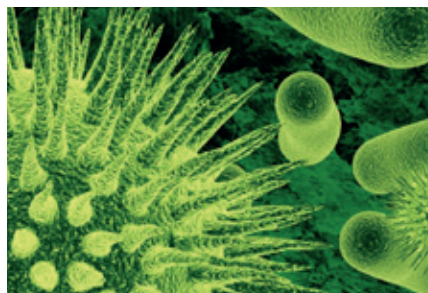
Deputy clinical
research director:
Fabrice Bartolomei



Deputy innovation
director:
Valérie Crépel

Focus on our network of platforms

36 technology platforms accessible to the NeuroMarseille community and open to services for companies



Contact

Director :
Guillaume Masson

Director of operations:
Fanny Barlaam

neuromarseille-direction@univ-amu.fr

<https://neuro-marseille.org/>

@neuroschool.mrs

NeuroMarseille - NeuroSchool

@NeuroMarseille

Training at NeuroMarseille



*Training for, through and in research, with continuity
from undergraduate to doctorate level*



Our training ecosystem

**80 undergraduate
students***

100 master's students*

4 partner faculties

Faculty of sciences

Faculty of medical and
paramedical sciences (SMPM)

Faculty of pharmacy

Faculty of arts, letters, languages
and humanities (ALLSH)

**more than 170
PhD students***

3 doctoral schools

Life sciences (ED 658)

Biomedical research (ED 659)

Cognition, language and
education (ED 356)

**2 student
organisations**

1 Graduate School

NeuroSchool, awardee of the
"École Universitaire de Recherche"
(EUR) call for projects

**3 Neuroscience master's
specialisations**

Cellular and systems neuroscience

Integrated and cognitive
neuroscience

Euro-Mediterranean Master's in
neuroscience (EMN-ONLINE)

* The figures represent students enrolled in courses
affiliated with the institute and doctoral students enrolled
in doctoral schools partnered with the institute.

Check out
our full range
of training
courses:





Our key actions since 2018

45 PhD contracts

35 End-of-PhD grants

24 Specialised doctoral courses

36 Events organised by the PhD programme

34 Scientific events and summer schools

50 Tuted seminars

30 Incoming mobility grants

59 Outgoing mobility grants

6 Doctoral contracts for medical doctors and pharmacists

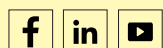
4 Additional professional training courses (Data science, science communication, project management, animal experimentation)

Contact

Deputy training director:
Francesca Sargolini

neuromarseille-direction@univ-amu.fr

<https://neuro-marseille.org/>



"The neuroscience program in Marseille stands out for its coherence, the richness of its approaches and the dedication of its faculty and staff. Trained here from L3 to PhD, I benefited from a stimulating and unifying environment, which has motivated me to get actively involved in the NeuroSchool PhD Program, to contribute in my own small way to this collective adventure."



Cyprien Dautrevaux
PhD student at the Institute
for Systems Neuroscience,
2024 Master's graduate

Our international training initiatives

CIVIS, European civic university alliance of 12 universities

Special links with foreign universities
Montréal, Helsinki, Rome, Oldenburg...

79 incoming and outgoing mobilities funded

1 online master's specialisation and 27 doctoral contracts for foreign students

TOEIC English tests funded for L3, M1, M2

Master's 100% in English



Research at NeuroMarseille



*Bringing together the strengths in neuroscience of
the Aix Marseille site to foster collaborations and
consolidate our international scientific position*



Our research ecosystem

7 research units

Health and life sciences

Centre for biological and medical
magnetic resonance (CRMBM)

Marseille institute for
developmental biology (IBDM)

Mediterranean institute for
neurobiology (Inmed)

Institute for systems neuroscience (INS)

Institute for neurophysiopathology (INP)

Timone neuroscience institute (INT)

Humanities and life sciences

Research centre for psychology
and neuroscience (CRPN)

2 advanced research units

HIPE Human Lab

Mediterranean Primate
Research Center (MPRC)

more than 1 000 staff

Aix Marseille Université

INSERM

CNRS

AP-HM

more than 80 teams

6 associated teams

12 working groups

36 technology platforms



Our key actions since 2020

60% of the budget for innovative and collaborative research

38 New collaborations between laboratories

8 Post-doctoral contracts in companies

8 Management training courses for junior researchers

12 Grant writing training courses for postdoctoral researchers

56 People trained in “benevolent reviewing”

17 Open science tools

12 “Neurobinars”, inter-laboratory webinars

Our chief areas of research

A cross-disciplinary institute in terms of themes and approaches

Development: How does the brain develop to achieve the highest levels of cognitive function?

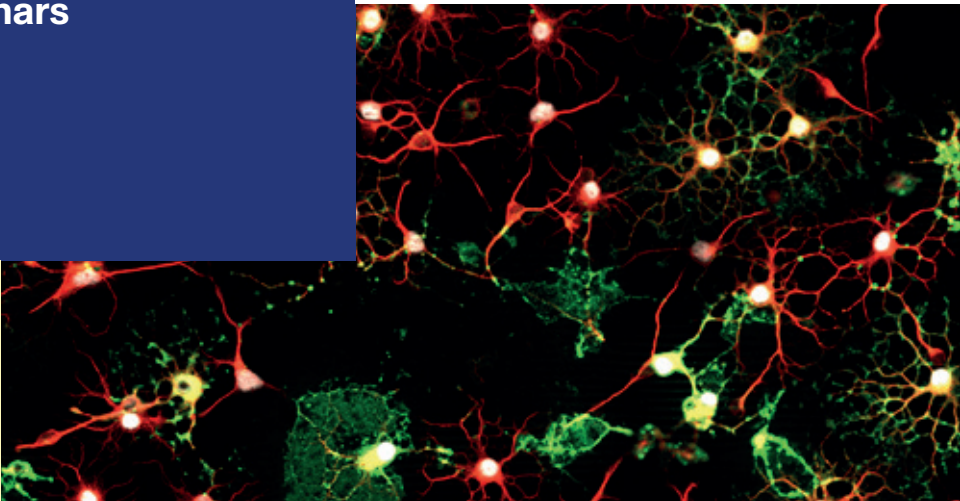
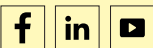
Pathological ageing: How can we combat the mechanisms involved in ageing, neurodegenerative diseases and damage to the nervous system?

Neural networks: What are the multi-scale dynamics of neuronal networks in the healthy and diseased brain?

Behaviour: How can we study the evolution of behaviour and its neural basis?

Contact

Deputy research director:
Olivier Manzoni
neuromarseille-direction@univ-amu.fr
<https://neuro-marseille.org/>





*The NeuroMarseille Institute is dedicated to neuroscience research with four major areas: development, pathological ageing, neuronal networks and behaviour. We have 36 technological platforms, including behavioural analysis, primatology, virtual brain and cellular and brain imaging. Our interdisciplinary approach combines fields such as clinical research, psychology, pharmacy, immunology, chemistry, oncology, physics, mathematics, sport and information technology. Our research covers a wide range of organisms, from the simplest such as *C. elegans* and *Drosophila* to human and non-human primates.*



Guillaume Masson
Research director at CNRS, INT
Director of NeuroMarseille



NeuroMarseille partnerships



*NeuroMarseille, an interdisciplinary
institute for the benefit of all*

**Our key actions for
the general public and
patient organisations**

**5 stand-ups by 5 researchers
- popularised and highlighted
neuroscience. Nearly
900 fans in 2024!**

A virtual reality headset offering
a 3D tour of our platforms

A family game on neuroscience
invented by a student and
produced by NeuroMarseille

Brain Awareness Week, an
international event organised locally
by the institute's researchers

Primary school lessons: neuroscience
explained to the very young!

A Patients' Organisation Day





Our key partner include

EBRAINS, European neuroscience research infrastructure

CIVIS, European civic university

France Life imaging

France BioImaging

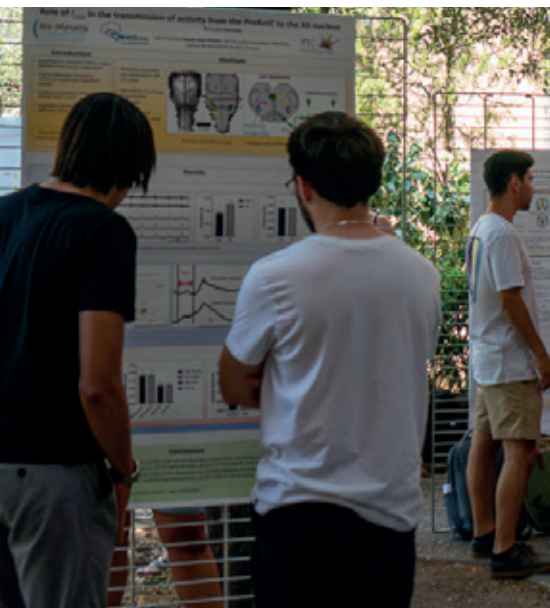
VECT-HORUS, a biotech company based in Marseille

NeuroServices Alliance, contract research company

OZ BioSciences

Mines de Saint-Étienne engineering school

Marseille public university hospital system (AP-HM)



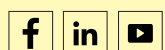
Contact

Director :
Guillaume Masson

Director of operations:
Fanny Barlaam

neuromarseille-direction@univ-amu.fr

<https://neuro-marseille.org/>





The NeuroMarseille
institute brings together
teams on 3 university
and scientific sites



Saint-Charles Site



Main site: Timone



Aix-en-Provence



Luminy Site



The Aix Marseille Université institutes are coordinated by the Amidex foundation

amidex Aix
Marseille
Université



Aix Marseille Université institutes: facilitators to strengthen the research-training link, interaction with the economic and cultural world, interdisciplinarity and internationalisation around twenty or so strategic fields of research. Their core unifying role: training a new generation of academics to meet the scientific and societal challenges of our time!

The Aix-Marseille Excellence Initiative, a consortium between Aix Marseille Université and 8 partners

amU Aix
Marseille
Université



Inserm



Centrale
Méditerranée

sciencespo.aix

Hôpitaux
Universitaires
de Marseille ap
hm

