



IBDM
INSTITUT DE BIOLOGIE
DU DÉVELOPPEMENT
DE MARSEILLE

amU Institut
NeuroMarseille
Aix Marseille Université



Mini- symposium

"Linking neural development, human disease and evolution"

September 29th 2025 – Hexagone, Luminy, Marseille

Organizers: Sophie Chauvet & Baptiste Libé-Philippot (IBDM/CNRS/amU)

Please register (free): <https://evento.renater.fr/survey/mini-symposium-linking-neural-development-human-disease-and-evolution-ozjpz7tq>

9h – 10h: tutored seminar by Franck Polleux for NeuroSchool PhD students (on registration)

Organizers: PhD students Tatiana Germano and Aristide Coget (IBDM/CNRS/amU)

9h30: Welcome

10h:

- Sophie Chauvet (IBDM/CNRS/amU, Marseille):

Neural Plasticity in Cancer: Schwann Cell Reprogramming Across Development and Disease

- François Féron (INP/amU, Marseille):

AutiXm, an unbalanced purine metabolism

- Fabrice Ango (INM/INSERM/uM, Montpellier):

Unraveling the Cellular and Molecular Mechanisms of CDH13 in Synaptogenesis: Insights into Autism Spectrum Disorder Pathology in the Cerebellum

11h30: Coffee Break

12h:

- Vincent Cantagrel (Institut Imagine/INSERM/uPCité, Paris)

Genomic analysis and modeling of cerebellar developmental disorders

- Fekrije Selimi (CIRB/CNRS/Collège de France, Paris)

Step-by-step acquisition of synapse identity during mammalian brain development

- Franck Polleux (Zuckerman Institute/Columbia University, USA):

Human-specific genetic modifiers of synaptic development and their impact on cortical circuit evolution

13h30: Lunch

14h30:

- Baptiste Libé-Philippot (IBDM/CNRS/amU, Marseille)

Cellular and molecular mechanisms underlying the singularity of human neurons

15h15-17h:

- HDR evaluation of Baptiste Libé-Philippot