

# Cellular Neurobiology and Development

Eleven conferences:

- cellular neurobiology**: membrane trafficking, secretion, cellular neurophysiology, kinases, signaling, cytoskeleton, bioenergetics
- development** : neurogenesis, axon guidance, plasticity, morphogens, circuits
- pathologies**: neurodegenerative diseases, epilepsy, glioblastoma, cortical development
- animal models**: human, mouse

**example planning 2025 M2 P7- Cellular Neurobiology and Development – 2025**

	Lundi 29/09	Mardi 30/10	Mercredi 01/10	Jeudi 02/10	Vendredi 03/10
<b>9h15-11h00</b>	<b>Thierry Galli,</b> <a href="#">IPNP</a> Unconventional secretion in the brain	<b>Sandrine Humbert</b> <a href="#">ICM</a> Huntington's disease: from neurodevelopment to neurodegeneration	<b>Stéphanie Baulac</b> <a href="#">ICM</a> BRAIN MOSAICISM IN EPILEPSIES AND CORTICAL MALFORMATIONS	<b>Diana Zala</b> <a href="#">IPNP</a> Axonal glycolysis during development: localizations and functions	<b>Exam:</b> <b>Thierry and Jaime</b>
<b>11h15-13h00</b>	<b>Cyril Hanus</b> <a href="#">IPNP</a> Compartmentalized secretory processing in neuronal dendrites	<b>Jaime de Juan-Sanz</b> <a href="#">ICM</a> Mitochondrial control of neuronal and brain function	<b>Chiara Zurzolo</b> <a href="#">IP</a> TUNNELING NANOTUBES (TNTs): Reshaping Brain Connectivity and Role in Diseases	<b>Heike Rebholz</b> <a href="#">IPNP</a> Master kinases in the nervous system: Regulation of neurotransmission in neurological disorders	<b>Exam:</b> <b>Thierry and Jaime</b>
<b>14h15-16h00</b>	<b>Alberto Bacci,</b> <a href="#">ICM</a> Inhibitory circuits of the cerebral cortex	<b>Xavier Morin</b> <a href="#">IBENS</a> Cell division and neurogenesis	<b>Julien Ferent</b> <a href="#">IFM</a> New functions for morphogens during the nervous system development		

# Exam:

10-minute oral presentation + 10-minute questions on one article related to one of the conference by pairs of students

Articles will be given on the previous Friday

Pairs of students will be formed on the Monday by Thierry

Exam on Friday with Jaime and Thierry

For any question, write to: [thierry.galli@inserm.fr](mailto:thierry.galli@inserm.fr)