

Program INC Day 2025 - Neurodevelopmental Trajectories

23 October 2025 – Amphithéâtre GIROUD, 3rd floor

Université Paris Cité, Campus St Germain-des-Prés

UFR Sciences Fondamentales et Biomédicales

45 rue des Saints-Pères, 75006 Paris, France

08:45 Welcome

Session 1 Neurodevelopmental Trajectories: Interest, Constraints, and Challenges (09:00–10:15)

9:00 Kristine Walhovd (Oslo, Norway): [Dynamics of lifespan brain and cognition](#)

9:30 Awais Javed (Geneva, Switzerland): [Molecular priming of cortical progenitor division behaviour at clonal resolution](#)

10:00 Short talk by Ana Blas Medina (Paris, France): [Microbial products shape postnatal development of the choroid plexus and brain volume](#)

10:15-10:45 Coffee Break (Lavoisier B, 3rd floor)

Session 2 Genetics and Epigenetics (10:45–12:00)

10:45 Valérie Lallemand-Mezger (Paris, France): [Epigenetics and neurodevelopmental trajectories](#)

11:15 Anton Iftimovici (Paris, France): [Genetic and epigenetic factors in neurodevelopmental disorders](#)

11h:45 Short talk by Anne Teissier (Paris, France) [Reln sources and their control in neurodevelopmental disorders](#)

12:00-13:30 Lunch (Lavoisier B, 3rd floor)

Keynote Lecture (13:30–14:30)

13:30 Michael Milham (New York, USA) [Breaking the Phenotyping Bottleneck: Reliability, Innovation, and Global Perspectives in Brain–Behavior Research](#)

Session 3 Immunological, Inflammatory, and Metabolic Aspects (14:30–15:30)

14:30 Ryohei Iwata (Leuven, Belgium): [Species-specific rates of mitochondrial fatty acid metabolism set the scale of temporal patterning of neural specification through protein acetylation dynamics](#)

15:00 Rosa Paolicelli (Lausanne, Switzerland): [Microglia: key players in brain maturation and function](#)

15:30-16:00 Coffee Break (Lavoisier B, 3rd floor)

Session 4 Modeling Neurodevelopmental Trajectories (16:00–17:15)

16:00 Franck Ramus (Paris, France): [Sex differences in brain development](#)

16:30 Kimberly Noble (New York, USA): [Effects of SES on neurocognitive development \(Zoom\)](#)

17:00 Short talk by Mylène Moyal (Paris, France): [Neurodevelopmental signatures of catatonia: resting-state EEG markers in schizophrenia and mood disorders](#)

17:15 Closing Remarks

Co-organizers of INC DAY 2025 - Neurodevelopmental Trajectories

Arnaud Cachia, Diana Zala, Lucie Hertz-Pannier, Mehrnaz Jafarian-Tehrani, Mireille Laforge