

**INC Young investigators Annual Conference**  
**Thursday 22 May 2025**

Institut Necker Enfants Malades (INEM), Amphithéâtre 4  
160 rue de Vaugirard, 75015 Paris

- 9h00**            **Welcome**
- 9h15**            **Introduction**
- 9h30-10h50**   **Session “Integrative Neurobiology”**  
**Chairwomen: Delphine Meffre and Diana Zala**
- 9h30**            **Guillaume Caron**, MCU UPCité, SPPIN, Campus Saint Germain-des-Prés  
*In vivo intracellular recordings of delayed and immediate firing motoneurons in mice*
- 9h50**            **Eleni Siopi**, MCU UPCité, Inserm U1124, Campus Saint Germain-des-Prés  
*Gut microbiota – brain interactions in the pathogenesis of psychiatric and neurodegenerative disorders*
- 10h10**          **Belen Pardi**, CR Inserm, IPNP  
*Sensory thalamo-cortical interactions for adaptive perception*
- 10h30**          **Anne-Sophie Armand**, MCU UPCité, INSERM U1151, INEM  
*Primary cilia–autophagy axis in hippocampal neurons and cognitive resilience*
- 10h50**          **Coffee Break (Room 4)**
- 11h20-12h20**   **Session “Systems Neuroscience, IA”**  
**Chairmen: Jérémie Barral and Camille Kurtz**
- 11h20**          **Keith Doeling**, CR Inserm, Institut Audition  
*Human and artificial perception*
- 11h40**          **Ayoub Karine**, MCU, LIPADE  
*Towards Lightweight Neural Networks: The Role of Knowledge Distillation*
- 12h00-13h30**   **Lunch break (Room 4)**

**13h30-14h10 Session “Cognition”**

**Chairpersons: Arnaud Cachia and Valentina la Corte**

**13h30**

**Iris Menu, MCU, LaPsyDÉ**

*Preterm birth and neurocognitive developmental trajectories*

**13h50**

**Elodie Bertrand, MCU, LMC<sup>2</sup>, Boulogne**

*Impaired self-awareness in neurodegenerative diseases*

**14h10-15h10 Session “Neurodevelopment, CNS and Immunity”**

**Chairwomen: Claire Martin and Mireille Laforge**

**14h10**

**Stéphane Nedelec, DR, Institut Jacques Monod**

*Deconstructing sensorimotor circuits development with in vitro models of human embryogenesis*

**14h30**

**Aleksandra Deczkowska, CR, Institut Pasteur**

*Immune-to-brain signaling at the choroid plexus*

**14h50**

**François-Xavier Mauvais, Pr, Equipe 3I Brain, Neurodiderot, IHU Robert Debré**

*Splenic marginal zone resident tissue macrophages: insight in their functions and their control by autonomous nervous system*

**15h10**

**Coffee Break (Room 4)**

**15h40**

**Flash presentation of the laureates of the 2025 INC M2 fellowships**

**Chairpersons: Mehrnaz Jafarian-Tehrani and Franck Oury**

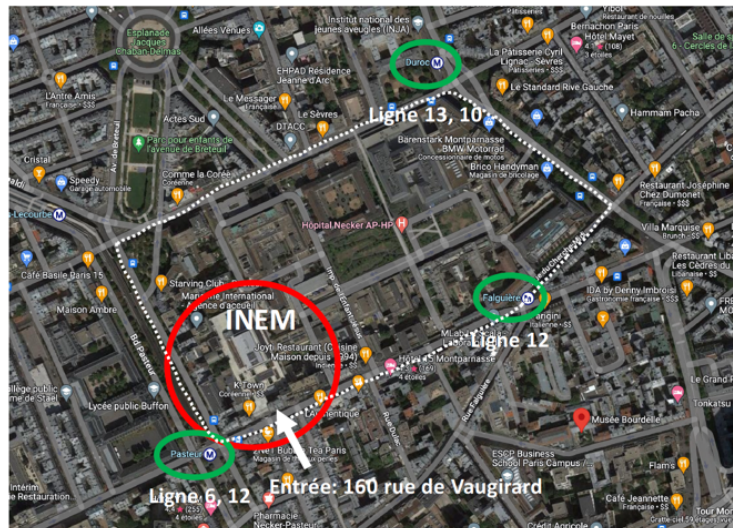
**16h10-17h**

**INC annual general meeting (AG) and Conclusion**

**Mehrnaz Jafarian-Tehrani and Franck Oury**

## Access map

Institut Necker Enfants-Malades (INEM)  
160 rue de Vaugirard 75015 Paris



Métro: Pasteur, Duroc ou Falguière

**Les Amphithéâtres sont au RDC.**  
**Suivez le fléchage pour vous rendre à l'amphi 4 au RDC**

