

# Neurodevelopment, Prematurity, Homeostasis

## 14th-18th October 2024



This course will be held at **Robert Debré Hospital. Inserm U1141. 48 Boulevard Sérurier. 75019 Paris. Salle Inserm. Bâtiment Edouard Bingen. 6th floor.**  
**The course is in English.**

### Monday October 14th

**9h15-9h45** : Pr Andree Delahaye. Dr Veronique Dubreuil. Course presentation.

**9h45-10h45** : Pr Odile Boespflug-Tanguy. Glial cells development in the CNS.

**13h-14h** : free working slot for student presentation

**14h-16h** : Dr Jeannette Nardelli. Introduction to Neurodevelopment and Genetic of developmental brain disorders.

**16h15-17h** : Article preparation

### Tuesday October 15th

**9h30-11h** : Dr Valérie Mezger. Stress, Neurodevelopment, proteostasis.

**11h15-12h** : Article presentation (15min). Questions/Discussions (30min)

**13h-14h30** : Pr Pierre Gressens. Dr Juliette Van-Steenwinckel. Neuroinflammation and Prematurity.

**14h45-15h30** : Article presentation (15min). Questions/Discussions (30min)

**15h45-16h45** : Dr Amelia Madani. Central control of breathing and neurodevelopmental syndrome.

### Wednesday October 16th

**9h30-11h** : Pr Nicolas de Roux. The neurodevelopment of the gonadotropic axis : an example of a complex dialog between the brain and the periphery.

**11h15-12h** : Article presentation (15min). Questions/Discussions (30min)

**13h-15h** : Dr Jessica Dubois. Dr David Germanaud. Imaging of the brain in clinical and experimental research.

**15h15-16h** : Article presentation (15min). Questions/Discussions (30min)

### Thursday October 17th

**8h30-10h** : Pr Andrée Delahaye-Duriez. Leveraging integrative genomics and gene network approaches to provide new candidate targets for anti-epileptic drug discovery or repurposing.

**10h10-10h50** : Article presentation (15min). Questions/Discussions (30min)

**11h-12h** Seminar

**13h-14h30** : Dr Adeline Orts-Del'Immagine. Interactions cerebrospinal fluid - neurons.

**14h45-15h30** : Article presentation (15min). Questions/Discussions (30min)

**15h45-17h15** : Dr Aline Lefebvre. EEG Analysis of E/I Balance in Autism: Neurodevelopment and Homeostasis.

### Friday October 18th

**9h30-11h30** : Written exam (2h)