

# *Neurodevelopment, Prematurity, Homeostasis*

**22-26 November 2021**

*Robert Debré Hospital 48 Boulevard Sérurier, 75019 Paris*



Talks by members of the



**Early Identification of Individual Trajectories in  
NeuroDevelopmental Disorders**

- Researchers
- Pediatricians
- Psychiatrists



Institut Pasteur

UMR 7216 **Epigénétique  
& Destin Cellulaire**



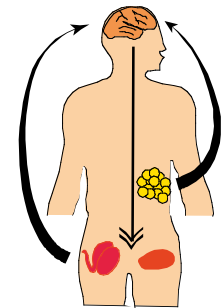
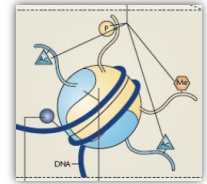
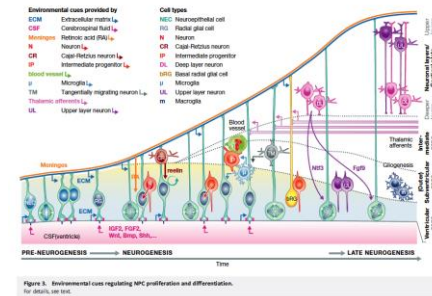
Andrée Delahaye

Véronique Dubreuil

# Aims

Deepening the concepts of

- **Neurodevelopment**, general concepts and consequences of early stress or **prematurity**
- Constitutive and acquired **neurodevelopmental disorders**
- **Epigenetic factors and metabolic factors** associated to neurodevelopment
- Establishment of the **dialogue** between the **brain** and the **periphery**



# Evaluation

- Research **article presentation** **40%**
- Quality of the **participation** **10%**
- **Written exam** on the Friday based on an article analysis **50%**

## Contacts

veronique.dubreuil@u-paris.fr  
andree.delahaye@inserm.fr





# Program of the week

*Robert Debré Hospital 48 Boulevard Sérurier, 75019 Paris*



<p><b>Monday</b> <b>22/11/2021</b> <b>Introductory lectures</b></p>	<p>9h30-10h <b>Pr. Andree Delahaye &amp; Dr. Véronique Dubreuil.</b> Presentation 10h00-12h45 <b>Dr Jeanette Nardelli.</b> Introduction to Neurodevelopment  13h30-15h00 <b>Pr Odile Boespflug-Tanguy.</b> Glial cells development in the CNS 15h15-16h <b>Dr Veronique Dubreuil .</b> Modeling neurodevelopment and disease in brain organoids</p>
<p><b>Tuesday</b> <b>23/11/2021</b></p>	<p>9h30-11h00 <b>Dr Valérie Mezger .</b> Stress, Neurodevelopment, proteostasis. 11h15-12h <b>Article Presentation (15min). Questions/Discussions (30min)</b>  13h-14h30 <b>Pr Pierre Gressens / Dr Juliette Van-Steenwinckel.</b> Neuroinflammation and Prematurity. 14h45-15h30 <b>Article Presentation (15min). Questions/Discussions (30min)</b></p>
<p><b>Wednesday</b> <b>24/11/2021</b></p>	<p>9h30-11h00 <b>Dr Enrica Montalban .</b> The role of brain in metabolism 11h15-12h00 <b>Article Presentation (15min). Questions/Discussions (30min)</b>  13h00-15h00 <b>Dr Jessica Dubois.</b> Imaging of the brain in clinical and experimental research. 15h15-16h <b>Article Presentation (15min). Questions/Discussions (30min)</b></p>
<p><b>Thursday</b> <b>25/11/2021</b></p>	<p>9h30-11h00 <b>Pr Nicolas de Roux .</b> The neurodevelopment of the gonadotropic axis : an exemple of a complex dialog between the brain and the periphery. 11h-11h45 <b>Article Presentation (15min). Questions/Discussions (30min)</b>  13h-14h30 <b>Dr Andrée Delahaye-Duriez.</b> Epilepsy. 14h45-15h30 <b>Article Presentation (15min). Questions/Discussions (30min)</b> 15h45-17h15 <b>Aline Lefebvre.</b> Genetic homeostasis and Autism 17h30-18h <b>Article Presentation (15min). Questions/Discussions (30min)</b></p>
<p><b>Friday</b> <b>26/11/2021</b></p>	<p>10h-11h <b>Guest Seminar</b> 11h30-13h30 <b>Written exam (2h)</b></p>