

INC Day 2020: The Embodied Brain



Thursday, November 5, 2020

Campus Saint-Germain des Prés - Université de Paris

45, rue des Saints-Pères, Paris 6ème

Organizers : Sophie Bernard (BME Paris and UMR-S 1124, INSERM - Université de Paris), Pierre Gressens (UMR1141, INSERM - Université de Paris), Mehrnaz Jafarian-Tehrani (NeuroParis and UMR-S 1124) Jean Lorceau (UMR 8002, CNRS - Université de Paris), Nicolas Marie (UMR-S 1124) and Claude Meunier (UMR 8002)

Organized by the INC in partnership with the international BioMedical Engineering Paris international Master's program and the NeuroParis Master's program.

Program

9:00-9:30 Breakfast and Welcome Address

9:30-10:30

- **Keynote Lecture by Catherine Tallon-Baudry** (Ecole Normale Supérieure, Paris)
Viscerally conscious

10:30-12:30 Brain, Nutrition and Microbiote

- **Rochellys Diaz-Heijtz** (Karolinska Institute, Stockholm, Sweden)
Bacterial Peptidoglycans from Microbiota in Neurodevelopment and Behavior

- **Sophie Layé** (INRAE, Bordeaux, France)
Role of dietary n-3 polyunsaturated fatty acids in mood and cognitive disorders
- **Michel Neunlist** (Université de Nantes, France)
What can the gut nervous system tell us about our brain?

12:30-14:00 Lunch break

14:00-16:00 Brain and Body, Sex and Hormones

- **Julie Bakker** (University of Liege, Belgium)
Does the brain have a sex? Role of gonadal hormones
- **Valery Grinevich** (University of Heidelberg, Germany)
How does a single neuropeptide exert pleiotropic effects? Focus on oxytocin
- **Nicolas de Roux** (Robert Debré Hospital, Paris)
To be announced

16:00-16:30 Coffee break

16:30-18:30 Embodied cognition

- **Patrick Haggard** (UCL, London, UK)
Grounding experience of space and self on skin sensation
- **Bryan Gick** (University of British Columbia, Vancouver, Canada)
How talking stands on posture
- **J. Kevin O'Regan** (Université de Paris)
How embodiment can solve the problem of phenomenal consciousness

18:30 Concluding remarks