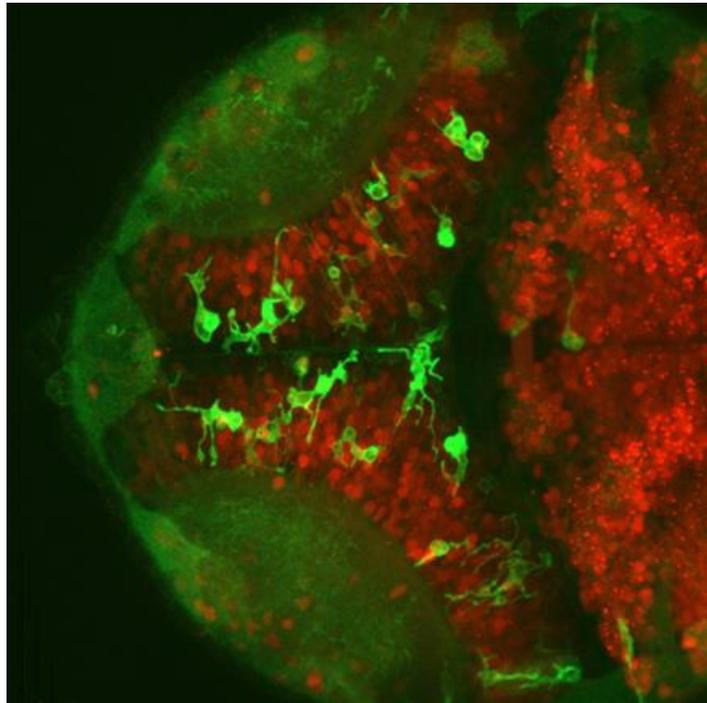


Key Concepts in Neuroimmunology

A dialogue between Philosophers and Scientists

March 19th, 2018

University of Bordeaux, France
Conference room, Genomique fonctionnelle, Carreire campus



Plenary speaker:

Robert Dantzer (University of Texas MD Anderson Cancer Center, Houston, TX, USA)

Speakers:

Jérôme Badaut (INCIA, UMR CNRS/UB 5287, Bordeaux, France)

Bruno Brochet (Neurocentre Magendie, UMR INSERM/UB U862, Bordeaux, France)

Lynn Chiu (ImmunoConcept, UMR CNRS/UB 5164, Bordeaux, France)

Laurent Groc (IINS, UMR CNRS/UB 5297, Bordeaux, France)

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Information: <https://www.philinbiomed.org/event/workshop-key-concepts-neuroimmunology/>

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The questions raised by this workshop will include:

- ✚ What is the benefit for biology and medicine to think in terms of (psycho)neuroimmunology in comparison with its constituting disciplines, namely immunology, neurobiology, and psychology?
- ✚ At what level(s) of analysis (organism, organ, cell, and molecule) are neuroimmunology and psychoneuroimmunology most powerful in explaining health and disease?
- ✚ What does it mean for the central nervous system to be immune-privileged and can other nervous systems or organs be qualified in the same way?
- ✚ How important are biological barriers (blood-brain barrier, gut barrier, etc.) and biological compartments (brain parenchyma, meninges, gut lumen, peritoneal cavity) in constraining or favoring neuroimmune interactions?
- ✚ Does neuroimmunology account better for the organism's capacity to maintain its integrity than neuroscience and immunology?
- ✚ What are the implications and what can be the impact of some (psycho)neuroimmunological research findings for other fields of biology and medicine, and more generally for philosophical and social issues?