

08:30 > 09:00 | Welcome & registration

09:00 > 10:20 | **Epidemiology**

- 09:00 > 09:20 **Epidemiology of acute CNS infections** Pierre Tattevin, University of Rennes (France)
- 09:20 > 09:40 **Encephalitis in ICU** Romain Sonnevile, Paris-Diderot University (France)
- 09:40 > 10:00 **Zika virus** Fernando Bozza, Fiocruz Institute (Brazil)
- 10:00 > 10:20 **RCT in acute CNS infections** Jean-François Timsit, Paris-Diderot University (France)

10:20 > 10:50 | Coffee Break

10:50 > 12:10 | **Host - pathogen interactions and immune response**

- 10:50 > 11:10 **How systemic infections perturb adult neurogenesis: a focus on "CAR"**  
Eric J Kremer, Institute of Molecular Genetic (France)
- 11:10 > 11:30 **Axonal transport** Giampietro Schiavo, University College of London (United Kingdom)
- 11:30 > 11:50 **Brain injury in pneumococcal disease** Uwe Koedel, University of Munich (Germany)
- 11:50 > 12:10 **Cryptococcal meningitis** Olivier Lortholary, Paris-Descartes University (France)

12:10 > 14:30 | Lunch

13:00 > 14:30 | Minisymposium : Brain injured patients & Infection (1) in process

14:30 > 15:50 | **Host - pathogen interactions and immune response (Followed)**

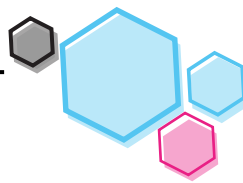
- 14:30 > 14:50 **Astrocyte and infection and auto-immunity** Andrea Volterra, University of Lausanne (Switzerland)
- 14:50 > 15:10 **Microglia activation and neuronal dysfunction** Oliver Kann, University of Heidelberg (Germany)
- 15:10 > 15:30 **How bacteria cross the BBB ?** Xavier Nassif, Paris-Descartes University (France)
- 15:30 > 15:50 **Real-time imaging of alphavirus neuroinvasion in the zebrafish**  
Jean-Pierre Levrard, Pasteur Institute (France)

15:50 > 16:00 | Coffee Break

16:00 > 17:00 | **Host - pathogen interactions and immune response (Followed)**

- 16:00 > 16:20 **Microglia modulation anti effective agents** Pierre Gressens, Paris-Diderot University (France)
- 16:20 > 16:40 **How do molecules in the CSF reach brain neurons, and does CSF carry away waste?**  
Jonathan Coles, University of Glasgow (United Kingdom)
- 16:40 > 17:00 **The dug transport and Blood-Brain Barrier (and nanoparticles)** Giovanni Tosi, University of Modena and Emilia Region (Italy)

17:00 > 18:30 | Minisymposium : Brain injured patients & Infection (2) in process



08:00 > 08:30 | Welcome & registration

08:30 > 09:50 | **Diseases**

- 08:30 > 08:50 **Progressive Multifocal Leukoencephalopathy** Paola Cinque, San Raffaele Scientific Institute (Italy)
- 08:50 > 09:10 **Herpes simplex Encephalitis** Flora Rosenberg, Paris-Descartes University (France)
- 09:10 > 09:30 **Endothelial dysfunction and microvascular obstruction in cerebral malaria: new evidence using serial magnetic resonance imaging** Sam Wassmer, London School of Hygiene and Tropical Medicine (United Kingdom)
- 09:30 > 09:50 **Neurolisteriosis** Marc Lecuit, Pasteur Institute (France)

09:50 > 10:20 | Coffee Break

10:20 > 11:20 | **Diseases (Followed)**

- 10:20 > 10:40 **Acute bacterial meningitis with emphasis on Streptococcus pneumoniae meningitis: Pathophysiology and implications for supportive therapy** Kirsten Moller, University of Copenhagen (Denmark)
- 10:40 > 11:00 **Tuberculous meningitis** Doortje Heemskerk, Academic Medical Center (Netherlands)
- 11:00 > 11:20 **Meningococcal disease** Muhamed-Kheir Taha, Pasteur Institute (France)

11:30 > 12:30 | Poster session

12:30 > 14:00 | Lunch

Minisymposium: Brain injured patients & sedation in process

14:00 > 15:20 | **Diagnosis and Management**

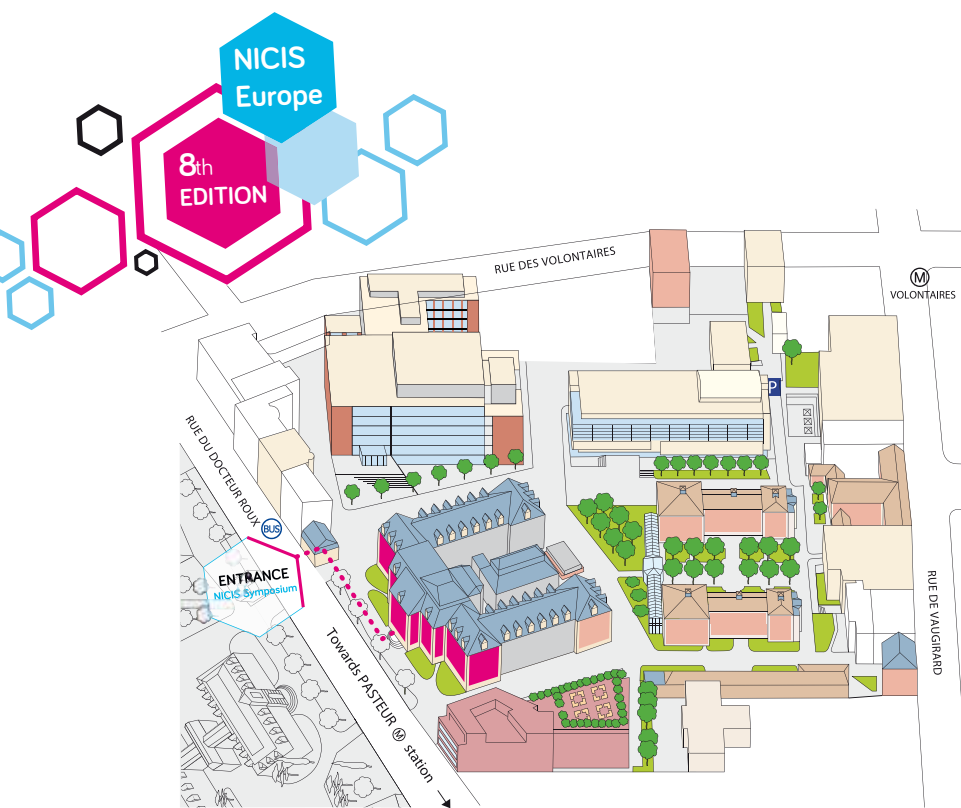
- 14:00 > 14:20 **Diagnosis of bacterial meningitis** Matthijs Brouwer, Academic Medical Center (Netherlands)
- 14:20 > 14:40 **Next Generation Sequencing for pathogen identification in nervous system infections** Marc Eloit, Pasteur Institute (France)
- 14:40 > 15:00 **Mapping immunologic and infectious signatures in the brain** Robert D Stevens, John Hopkins, University (USA)
- 15:00 > 15:20 **Anti-infectious therapy in bacterial meningitis** Michel Wolff, Diderot University (France)

15:20 > 15:50 | Coffee Break

15:50 > 16:50 | **Diagnosis an Management (Followed)**

- 15:50 > 16:10 **Adjunctive steroids in bacterial meningitis** Diederik van de Beek, Academic Medical Center (Netherlands)
- 16:10 > 16:30 **EEG monitoring with a focus on seizures** Jan Claassen, Columbia University (USA)
- 16:30 > 16:50 **Prognostication in CNS infections** Raimund Helbok, Innsbruck Medical University (Austria)

Awards



**Institut Pasteur, 28 rue du Dr Roux, 75015 PARIS**

Metro stations: «Volontaires» (line 12) or «Pasteur» (lines 6 and 12)

5 minutes walking to the Institut Pasteur

10 minutes walking from Montparnasse Railway station

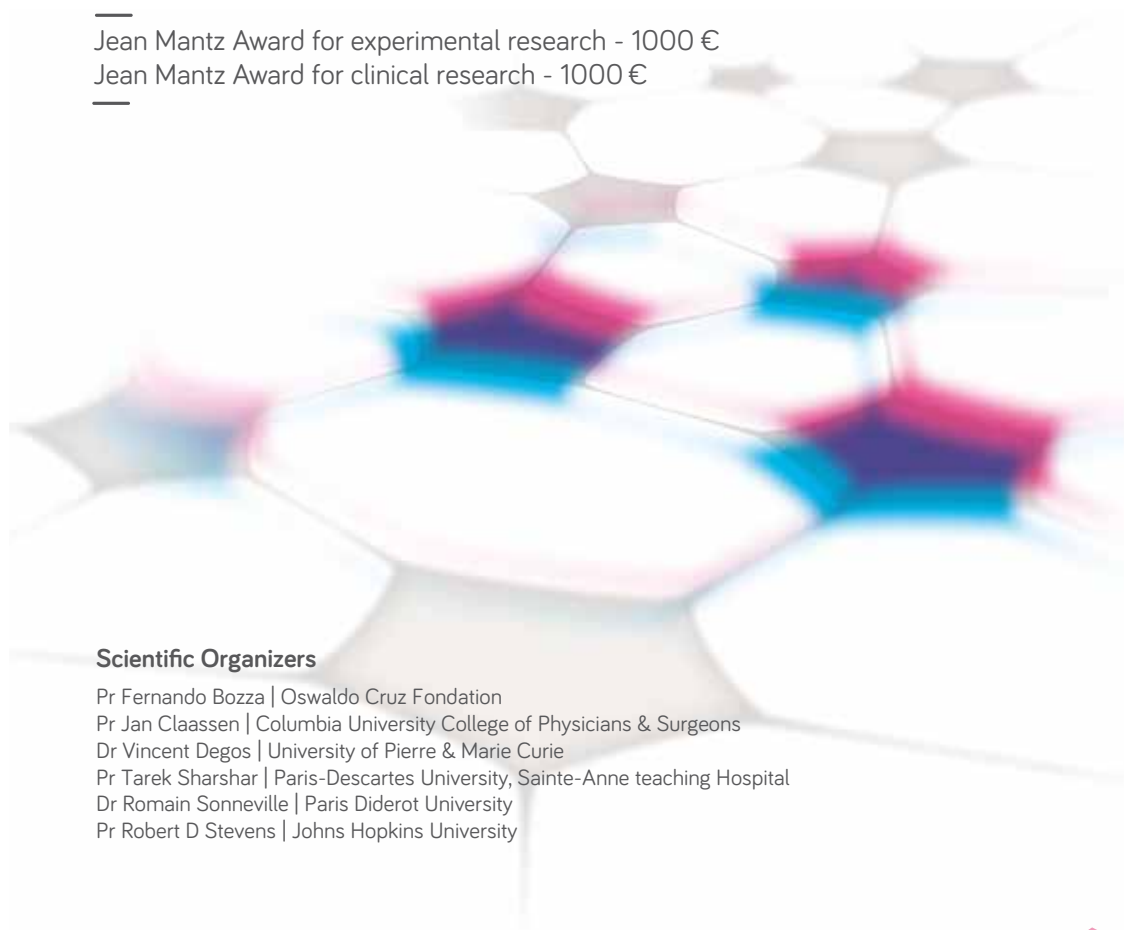
Neurosciences in Intensive Care International Symposium (NICIS)



# Neuroscience of Critical illness and acute CNS infection

Jean Mantz Award for experimental research - 1000 €

Jean Mantz Award for clinical research - 1000 €



## Scientific Organizers

Pr Fernando Bozza | Oswaldo Cruz Foundation

Pr Jan Claassen | Columbia University College of Physicians & Surgeons

Dr Vincent Degos | University of Pierre & Marie Curie

Pr Tarek Sharshar | Paris-Descartes University, Sainte-Anne teaching Hospital

Dr Romain Sonnevill | Paris Diderot University

Pr Robert D Stevens | Johns Hopkins University



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