

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 Acute encephalitis in ICU Romain Sonnevile, Paris-Diderot University (France)
- 09:40 > 10:00 Zika virus associated meningoencephalitis 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)

- 13:00 > 13:20 Immunity and infection in brain-injured patients Antoine Roquilly, Nantes University (France)
- 13:20 > 13:40 Health-care associated CNS infections Nicolas Bruder, Aix-Marseille University (France)
- 13:45 > 14:05 PK/PD and CNS infections Claire Dahyot, Poitiers University (France)
- 14:05 > 14:25 External ventricular drain infections Fabrice Cook, Henri Mondor Teaching Hospital (France)

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 do 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)

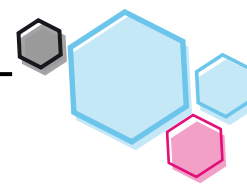
15:50 > 16:00 | Coffee Break

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

- 16:00 > 16:20 Microglial modulation by ant-infectious 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) sponsored by MSD

- 17:00 > 17:20 Brain-lung crosstalk in the critically ill patients: an open door for stem cell-based therapy ? Antoine Monsel, Pitié Salpêtrière (France)
- 17:20 > 17:40 Infections in acute stroke patients: epidemiology and outcomes Etienne de Montmollin, CH Delafontaine, Saint Denis (France)
- 17:45 > 14:05 PK/PD of antibiotics in critically ill (brain-injured) patients Claire Roger, CHU de Nîmes (France)
- 14:05 > 14:25 New antibiotics for difficult-to-treat pathogens Michel Wolff, CHU Bichat Claude Bernard (France)



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 Flore 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 Neurolisterosis 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 Heemsker, 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

12:30 > 14:00 | Minisymposium: Brain injured patients & sedation in process

14:00 > 15:20 | Diagnosis and Management

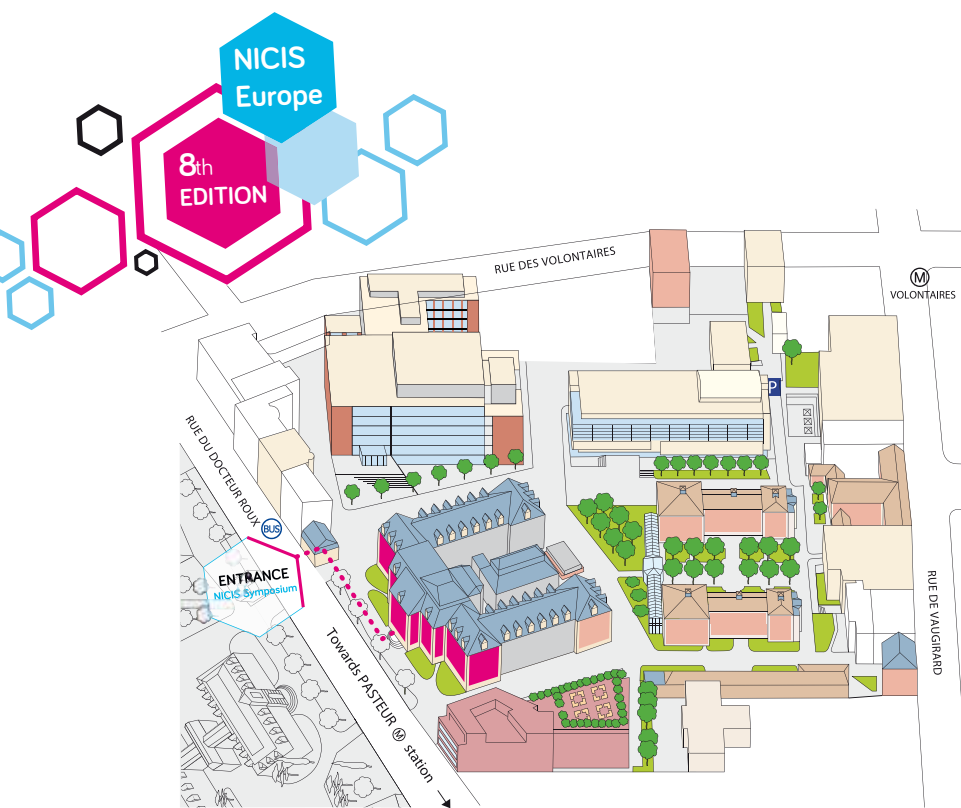
- 14:00 > 14:20 Diagnosis of bacterial meningitis Matthijs Brouwer, Academic Medical Center (Netherlands)
- 14:20 > 14:40 Next Generation Sequencing for pathogen identification in nervous system infections Marc Eloit, Pasteur Institute (France)
- 14:40 > 15:00 Mapping immunologic and infectious signatures 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 and 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)

17:00 | 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 Fondation

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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