

PROGRAM

8h30-9h00: Welcome coffee

8h50-9h00

Introduction

Yazdan Yazdanpanah & Etienne Hirsch
Directors of ITMO I3M and Neuro

9h00-10h00

Introductory lecture - Viral infections of the brain: future challenges and opportunities

Daniel Dunia (*Infinity, Toulouse*)
Annie Lannuzel (*Institut du Cerveau, Paris, Université des Antilles et de la Guyane*)

10h00-11h00

Session 1 - Pathogenesis of neurotropic viral infections

Chair: Daniel Dunia (*Infinity, Toulouse*)

10h00-10h20 Raphaël Gaudin (*IRIM, Montpellier*)

In the intimacy of virus-brain interactions: from molecular mechanistic to functional impact

10h20-10h40 Catherine Helmer (*Bordeaux Population Health Research Centre, Bordeaux*)

Herpes viruses and Alzheimer's disease

10h40-11h00 Hélène Dutartre (*CIRI, Lyon*)

Neuronal infection by the lymphotropic retrovirus HTLV-1 before neurologic symptoms: the first step of CNS inflammation and neurodegenerative myelopathy?

11h00 -11h20: Coffee break

11h20-12h00

Session 2 - Immune responses to CNS viral infections

Chair: Christophe Combadière (*CIMI, Paris*)

11h20-11h40 Sara Salinas (*PCCEI, Montpellier*)
Interaction between arboviruses and immune cells at the blood-brain barrier

11h40-12h00 Sophie Ugolini (*CIML, Marseille*)
Neuroimmune regulation of skin immunity and repair

12h00-12h40

Session 3 - Congenital and perinatal CNS viral infections: impact on the developing brain

Chair: Sophie Alain (*RESINFIT, Limoges*)

12h00-12h20 Marianne Leruez-Ville (*Hôpital Necker, Paris*)

Congenital CNS viral infections: impact on the developing brain

12h20-12h40 Natacha Teissier (*Hôpital Robert Debré, Paris*)

Congenital viral infections and sensorineural deficits

12h40-14h00: Lunch

14h00-15h00

Session 4 - Monitoring, diagnosis and clinical management of CNS viral infections

Chair: Annie Lannuzel (*Institut du Cerveau, Paris, Université des Antilles et de la Guyane*)

14h00-14h20 Romain Sonnevile (*Hôpital Bichat, Paris*)

Challenges in Diagnosing and Managing Acute Encephalitis

14h20-14h40 Philippe Perot (*Institut Pasteur, Paris*)

Apport du séquençage à haut débit de tissu cérébral au diagnostic des encéphalites d'étiologie inconnue

14h40-15h00 Jérôme Honorat (*HCL, Lyon*)

From viral encephalitis to autoimmune encephalitis: challenges of setting up a surveillance network

15h00-15h30: Coffee break

15h30-17h20

Round Table

17h20-17h30

Conclusion

Sylvie Guerder & Bernard Poulain
Directors of ITMO I3M and Neuro

