

# 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** Jean-Pierre LeVraud (*NeuroPSI, Paris*)

Contrasted responses to a neuroinvasive alphavirus in periphery and CNS

**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*

