DEADLINES
Abstracts: 18 April • Online Registration: 9 May

09:50 Keynote Lecture
Frans de Waal (Atlanta, GA, USA)

11:30-13:00 Parallel Sessions A
- Hypothalamic neuron-glia mal-interactions in metabolic disorders: new players and novel therapy approaches
- Human induced pluripotent stem cell modeling of brain diseases
- Effort, performance and fatigue: the role of motivation in health and disease
- Functional magnetic resonance imaging (fMRI): brain pathologies and the impact of novel treatment modalities
- Stress-related mental disorders: is the marriage between basic research and clinical application a happy one?

14:00-15:30 Parallel Sessions B
- Microglial cells in the healthy and diseased brain
- microRNAs as therapeutic targets in brain pathologies. How far are we from the patient’s bed?
- Memory traces unravelled: spatial and temporal dissection of memory circuits
- Ion channels of the nervous system in health and disease
- Bridging clinical and fundamental research on neurodevelopmental disorders

16:00 Parallel Sessions: Discussion Groups
- Public-Private Partnerships
- Translational Neuroscience Discussion Session

19:30 Poster session I

09:08-10:30 Parallel Sessions C
- Human induced pluripotent stem cell-derived astrocyte models for neurological disorders
- The role of lipid metabolism on brain functioning in health and disease
- Epigenetic dysregulation in aging and Alzheimer’s disease
- Using non-human species to model human emotions and high cognitive functions
- The parahippocampal region: from human emotions and high cognitive functions

11:00-12:30 Parallel Sessions D
- Effects of perinatal environment on neuroinflammation throughout life
- BDNF signalling during development, stress and neurodegeneration
- Go to the start, ready...Go! Novel insights into mechanisms of attention
- The role of social evaluation in development and psychiatric disease
- Phosphodiesterases in the CNS: mechanistic windows of opportunities
- Neuroimaging in people at risk for psychosis: structure, function and chemistry

12:30 Poster session II

14:00-15:30 Parallel Sessions E
- The role of glia in various diseases
- Active sensing
- It’s all about the money: alterations in the reward system across disorders
- In vitro experiments in acute human brain slices: the novel structural and functional properties of adult human neurons
- Early life exposure to drug and nutrition: effects on brain and behavior

16:00 Plenary Session
Young Talent Prize & Keynote Lecture:
Karim Nader (Montreal, QC, Canada)