The Neuro Retreat 2020

“Working together to accelerate the pace of discovery and treatment in neurodevelopmental disorders, brain tumours and neurodegenerative diseases”

January 31-February 2, 2020
Chateau Bromont
Bromont, Quebec

Friday, 31 January

13:00 -14:00 Arrival and Registration (lunch available)
(Bistro)

14:00 -14:15 Welcome Address (Grand Salon AB)
Dr. Guy Rouleau
Director, Montreal Neurological Institute and Hospital (“The Neuro”)
Professor and Chair, Department of Neurology & Neurosurgery, McGill University
Wilder Penfield Chair in Neuroscience

Retreat Goals
Dr. Stefano Stifani
Associate Director (Research), MNI
James McGill Professor, Department of Neurology and Neurosurgery, McGill University

14:15 - 17:15 Symposium 1: “Bringing the Penfield Model to Advancing Research and Care in Autism Spectrum Disorders and Neurodevelopment”
Chair: Edward Ruthazer

14:15-14:20 Introduction by the Chair
Edward Ruthazer

14:20-14:40 “Precision medicine and autism at the cross-roads: Hope or hype?”
Mayada Elsabbagh

14:45-15:05 “Clinical behavioural assessment for ASD in diagnostic and research evaluation”
Julie Scorah

15:10-15:30 Pause

15:35-15:55 “Multiscale models of typical and atypical brain development”
Boris Bernhardt

16:00-16:20 “Neurobiology of developmental brain disorders -- learning from animal models”
Yang Zhou
16:25-16:45  “Neurobiology of developmental brain disorders -- learning from human cell models”
Stefano Stifani
16:50-17:00  “International collaboration opportunities in neurodevelopmental disorders”
Stefano Stifani
17:00–17:15  Discussion/Q&A

18:30  Cocktails (Atrium)
19:30  Dinner (Restaurant)

21:00  “Basic Science and Beer: New approaches in neuroscience research and why they matter”
Chair: Stuart Trenholm
(Bistro)

21:00-21:05  Introduction
Stuart Trenholm

Yang Zhou

Stuart Trenholm

21:35-21:50  “A primer on new tools and tricks for quantifying animal behavior”
Arjun Krishnaswamy

21:50-22:05  “Understanding real brains using artificial brains”
Blake Richards

Saturday, 01 February

7:30–9:00  Breakfast (Main Dining Room)

9:00–11:45  Symposium 2: “Science, diagnosis and treatment of brain tumours”
(Grand Salon AB)
Chair: Kevin Petrecca

9:00–9:10  Introduction by the Chair
Kevin Petrecca

9:10–9:30  “Practical considerations on design and analysis of clinical trials”
Luis Souhami

9:35–9:55  “Brain tumour clinical trials: the patient journey”
Josephine Chu
10:00–10:20  “Using Patient-Derived Xenograft Models to Study Brain Metastasis”  
Peter Siegel

10:25–10:40  Pause (Foyer Grand Salon AB)

10:45–11:05  “The perspective of the Life Science investor”  
Marc Riviere

11:10–11:30  “The future of brain tumour trials at the Neuro”  
Angela Genge

11:30–11:45  Discussion/Q&A

12:00 -13:30  Lunch (Main Dining room)

13:30 -17:45  Free time/Brainstorming/Liaising/Other activities  
(extra-curricular activities, skiing, group work in Salon Executive/Dunham/Brome/Knowlton, Nouvel Angeleterre rooms)

18:00 -18:30  Message from the Director (Canton)  
Guy Rouleau

18:30 -19:30  Cocktails (Atrium)

19:30  Banquet Dinner (Grand Salon AB)

21:30  Time by the fireplace with Porto and Chocolate

Sunday, 02 February

8:00-9:15  Breakfast (Main Dining Room)

9:15–12:15  Symposium 3: “Working together to accelerate science and treatment of neurodegenerative and rare diseases” (Grand Salon AB)  
Chair: Dr. Edward Fon

9:15–9:25  Introduction by the Chair  
Dr. Edward Fon

9:30–9:50  “How to efficiently conduct clinical research with cognitively impaired or behaviourally difficult patients”  
Simon Ducharme

9:55–10:15  “QPN, C-OPN and C-BIG: How these infrastructures work together and benefit each other”  
Clotilde Degroot

Thomas Durcan

10:45–11:00  Pause (foyer Grand Salon AB)
11:00–11:20  “Modeling Parkinson’s disease with human midbrain organoids”  
Nguyen-Vi Mohamed

11:25–11:45  “Drug development and neurodegenerative disease-Why the time has finally come”  
Angela Genge

11:50–12:00  “International collaboration opportunities in neurodegenerative and rare diseases”  
Stefano Stifani

12:00–12:15  Discussion/Q&A

12:15  **Concluding Remarks**  
Dr. Guy Rouleau

12:45  **Amazing Race winning team announced**

12:45  **Lunch (Room TBA)**