2022 NEURO RETREAT

JUNE 3-5 | CHATEAU BROMONT

neuro
Institut-Hôpital neurologique de Montréal
Montreal Neurological Institute-Hospital

McGill
Centre universitaire de santé McGill
McGill University Health Centre

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CONTACT INFORMATION

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MESSAGE FROM THE CHAIR

Welcome to The Neuro Retreat 2022.

This year's Neuro Retreat will offer members of the different professional groups that make up The Neuro a long-awaited opportunity to reconnect with each other after many extremely challenging months. The collegial and interactive environment characteristic of recent Neuro Retreats will provide an ideal forum to re-establish and reinforce the strong and resilient fabric of The Neuro. The aim will be to re-ignite our efforts to work together to accelerate the pace of scientific discovery and treatment of neurological diseases and disorders.

This Retreat will also provide an opportunity for The Neuro to reconnect with other Research Institutes in Montreal. The aim will be to discuss how we can work together to grow into a stronger and more integrated community in the post-pandemic era.

This year's program will include presentations from Neuro clinical and research leaders, leaders from other partner research institutions, invited speakers, as well as team activities aimed at reconnecting the various professional communities of The Neuro and reinforcing our common goals.

Special thanks to Debbie Rashcovsky for coordinating the planning process as well as events during the Retreat.

I wish everyone an enjoyable and productive time during the next three days.

Stefano Stifani
Chair, The Neuro Retreat 2022

PROGRAM

Friday, June 3

10 a.m. Bus departure from The Neuro

11:30 a.m. Check-in (ongoing)

12 – 1:30 p.m. Boxed lunch available (for those who pre-ordered)

1:30 – 4 p.m. **Special Interest Meetings** (for those involved)

(Grand Salon C)
1:30 - 2:30 p.m. **Neurodegenerative Disorders Research Group Meeting**
Hosted by: Dr. Ziv Gan-Or, Group Leader, Neurodegenerative Disorders Group

(Grand Salon C)
2:30 - 3 p.m. **Neuro User Committee Meeting**
Hosted by: JoAnne Mosel, Committee Representative

(Terrace)
2:30 – 4 p.m. **BIC 'Beer' Discussion**
Hosted by: Professor Julien Doyon, Director, McConnell Brain Imaging Centre

(Grand Salon A)
3 - 4 p.m. **Single Cell Infrastructure Information Session**
Hosted by: Professor Jo Anne Stratton, The Neuro

(Le Salon)
3 - 4 p.m. **Hospital Management Priorities**
Hosted by: Georgia Niarchos, Associate Director, Neuroscience Mission, MUHC

(Grand Salon A)
4:10 p.m. **Welcome Address**
Dr. Guy Rouleau
Director, The Neuro (Montreal Neurological Institute-Hospital)
Chair, Department of Neurology and Neurosurgery, McGill University
Chair, Department of Neuroscience, McGill University Health Centre

Retreat Goals
Professor Stefano Stifani
Associate Director (Research), The Neuro
Distinguished James McGill Professor, Department of Neurology and Neurosurgery, McGill University

	(Grand Salon A)
4:30 – 5 p.m.	**Update on Translational Initiatives at The Neuro** **Dr. Edward Fon** Scientific Director, The Neuro Professor, Department of Neurology and Neurosurgery, McGill University
	(Terrace – roof top)
5:30 – 7 p.m.	Cocktail
	(Restaurant 4 Canards)
7 p.m.	Dinner

Saturday, June 4

	(Restaurant 4 Canards)
7:30 – 9 a.m.	Breakfast
8 – 10:00 a.m.	Free time
	(Grand Salon A)
10 a.m.	**The Douglas Institute and The Neuro: Synergies and Complementarities** **Dr. Gustavo Tureki** Scientific Director, Douglas Institute Chair, Department of Psychiatry McGill University Psychiatrist-in-Chief, CIUSSS ODIM Head, Depressive Disorder Program Director, McGill Group for Suicide Studies
10:40 a.m.	Refreshment Pause
	(Grand Salon A)
11 a.m.	**Fostering IRCM/Neuro Collaborations: Building on Past Successes and Moving Forward** **Professor Jean-François Côté** Interim President & Scientific Director Institut de recherches cliniques de Montréal (IRCM) **Professor Michel Cayouette** Director, Cellular Neurobiology Research Unit Institut de recherches cliniques de Montréal (IRCM)
11:40 a.m.	Transition
	(Grand Salon A)
11:45 a.m. – 1 p.m.	**Rich Murphy Commemorative Event** (via zoom)
	(Restaurant 4 Canards)
12:15 – 1:30 p.m.	Lunch
1:30 – 5 p.m.	Free time (independent activities or group extra-curricular)

	(Grand Salon C)
5:30 p.m.	**State of the Union Address** **Dr. Guy Rouleau** Director, The Neuro
	(Roof Terrace)
6:30 p.m.	Cocktail
	(Grand Salon AB)
7:30 p.m.	Banquet Dinner
	(Le Jardin or Atrium fireplace)
9:30 p.m.	Campfire with Porto and Chocolate

Sunday, June 5

	(Restaurant 4 Canards)
7:30 – 9 a.m.	Breakfast
8:30 – 10:30 a.m.	Free time
	(Grand Salon A)
10:30 a.m.	**The Centre de Recherche de l'Institut Universitaire de Gériatrie : Neuroscience of Aging and Beyond** **Professor Oury Monchi** Scientific Director, The Centre de Recherche de l'Institut Universitaire de Gériatrie de Montréal Full Professor, Radiology, Radio-oncology and Nuclear Medicine, Université de Montréal
11:10 a.m.	Refreshment Pause
	(Grand Salon A)
11:30 a.m.	**Strengthening Bridges Between the RI-MUHC and The Neuro to Strengthen Research Capacity** **Dr. Rhian Touyz** Executive Director and Chief Scientific Officer Research Institute of the McGill University Health Centre (RI-MUHC) Dr. Phil Gold Chair in Medicine, McGill University
12:10 p.m.	**Closing Remarks** **Dr. Guy Rouleau** Director, The Neuro
12:30 p.m.	Free time (Boxed lunch available for those interested)
2 p.m.	Bus departs

BIOGRAPHIES

Guy Rouleau, OC, OQ, MD, PhD, FRCPC, FRSC
Director, The Neuro (Montreal Neurological Institute-Hospital)
Chair, Department of Neurology and Neurosurgery, McGill University
Chair, Department of Neuroscience, McGill University Health Centre

Dr. Guy Rouleau is Director of The Neuro (Montreal Neurological Institute-Hospital), Chair of the Department of Neurology and Neurosurgery of McGill University, Director of the Department of Neuroscience of McGill University Health Centre, and co-founder of the Tanenbaum Open Science Institute. He was recently elected Vice-President of the World Federation of Neurology.

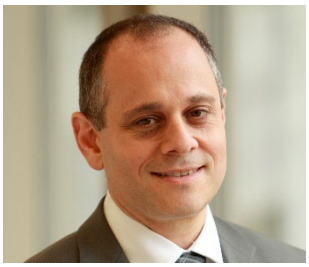
For more than 30 years, Dr. Guy Rouleau and his team have focused on identifying the genes causing several neurological and psychiatric diseases, including autism, amyotrophic lateral sclerosis, hereditary neuropathies, epilepsy and schizophrenia, as well as providing a better understanding of the molecular mechanisms that lead to these disease symptoms. Among Dr. Rouleau's main achievements are his contribution to the identification of dozens of disease-causing genes and his discovery of new mutational mechanisms.

Dr. Rouleau has published over 900 articles in peer-reviewed journals and has been quoted more than 85 000 times (Google Scholar). He has supervised more than a hundred students at the Masters, PhD and Post-doctoral levels in addition to receiving numerous awards for his contribution to science and society.

As co-founder of the Tanenbaum Open Science Institute, Dr. Rouleau is pioneering a new way of doing research by transforming The Neuro into the first academic institution to adopt Open Science principles in order to accelerate discovery and benefit patients and society.

Stefano Stifani, PhD
Associate Director (Research), The Neuro
Distinguished James McGill Professor, Department of Neurology and Neurosurgery
McGill University

Stefano Stifani is the Associate Director (Research) of The Neuro, and a Distinguished James McGill Professor in the Departments of Neurology & Neurosurgery, and Anatomy & Cell Biology, at McGill University. He also serves as Associate Director (Fundamental Research) of the Azrieli Centre for Autism Research, Secretary-General of the International Society for Developmental Neuroscience (ISDN), and Editor-in-Chief of the International Journal of Developmental Neuroscience, the official ISDN scientific journal. He is a fundamental neuroscientist whose work focuses on understanding the biology of neural stem/progenitor cells in the healthy and diseased nervous system, as well as harnessing the potential of human induced pluripotent stem cells to establish disease-relevant experimental model systems to study neurological diseases and disorders.



Edward Fon, MD
Scientific Director (Research), The Neuro
Professor, Department of Neurology and Neurosurgery, McGill University

Edward Fon is a clinician-scientist at The Neuro where he practices in the area of Parkinson's disease and movement disorders. He is Director of the McGill National Parkinson Foundation Centre of Excellence as well as the FRQS Quebec Parkinson Network.

Dr. Fon obtained his M.D. from the Université de Montréal in 1989 and then completed his Neurology Residency as well as a Clinical and Research Fellowship in Neurogenetics at McGill University. He joined The Neuro in 1999 after four years as a post-doctoral research fellow at the University of California, San Francisco, where he conducted genetic studies leading to a breakthrough in the understanding of dopamine transmission.

Dr. Fon's research focusses on the molecular events leading to the degeneration of dopamine neurons in Parkinson's disease. He is particularly interested in α-Synuclein, parkin and PINK1, all genes known to cause familial forms of the disease. His work developing cellular models of Parkinson's disease using patient-derived induced pluripotent stem cells (iPSCs) could provide important clues about the mechanisms of dopamine neuron death and lead to innovative therapeutic strategies for the disease. Dr. Fon's many awards include the CIHR Clinician-scientist award, the Prix de Jeune Chercheur Blaise Pascal, the EJLB Foundation Scholar Research Award, and a National Scholar Award from the Fonds de la Recherche en Santé du Québec. He is a former Killam Scholar at The Neuro. In 2015, he was elected member of the American Society for Clinical Investigation (ASCI).

Gustavo Tureki, MD, PhD
Scientific Director, Douglas Institute
Chair, Department of Psychiatry McGill University
Psychiatrist-in-Chief, CIUSSS ODIM; Director, McGill Group for Suicide Studies

Gustavo Turecki is a clinician scientist whose work focuses on understanding brain molecular changes that occur in major depression and suicide, as well as molecular processes that explain antidepressant treatment response. Dr. Turecki is Full Professor and Chair of the Department of Psychiatry at McGill University. He is the Scientific Director of the Douglas Institute and the Director of the McGill Group for Suicide Studies, a multidisciplinary research group that comprises the Douglas Bell-Canada Brain Bank. Dr. Turecki has conducted pioneering research that has led to our understanding of how traumatic life experiences impact brain gene function and increase long-term risk for suicide by epigenetically regulating critical genes involved in stress responses and behavioral development. He has authored over 550 publications, including research articles in leading peer-reviewed journals such as Nature Neuroscience, Nature Medicine, and Lancet. Dr. Turecki is among the world's most highly cited scientists (h-index=110; top 1% of scientists by citation in his field according to Clarivate, Web of Science) and his contributions to the field have also been recognized through more than 30 career awards. He serves, or has served, in the advisory boards of several scientific journals, and international scientific institutes, and is a Fellow of the Royal Society of Canada and a Member of the US National Academy of Medicine. Dr. Turecki is also an engaged clinician and heads the Depressive Disorders Program at the Douglas Mental Health University Institute, where he treats patients with refractory major depressive disorder.

Jean-François Côté, PhD
Interim President & Scientific Director
Institut de recherches cliniques de Montréal (IRCM)

Jean-François Côté has been a researcher at the Institute for 16 years where he leads the Cytoskeleton Organisation and Cell Migration Research Unit and is recognized worldwide for his work on metastases. He is a Full IRCM Professor and cumulates the roles of Vice-President Research and Academic Affairs; he is also a Full Research Professor at the Department of Medicine, University of Montreal, Adjunct Professor at the Department of Anatomy and Cell Biology, McGill University and Research Scholar of the Fonds de recherche du Québec – Santé. Prof. Côté is a graduate of the University of Montreal (Baccalaureate in biochemistry), of the INRS Armand-Frappier (Master in experimental health sciences), of McGill University (Doctorate in biochemistry) and has completed his postdoctoral fellowship at the Sanford Burnham Prebys Medical Discovery Research Institute in La Jolla (California).

Michel Cayouette, PhD
Director, Cellular Neurobiology Research Unit
Institut de recherches cliniques de Montréal (IRCM)

Michel Cayouette is Director of the Cellular Neurobiology Research Unit and Vice-President, Research and Academic Affairs at the Montreal Clinical Research Institute (IRCM). He is also a Full Research Professor in the Department of Medicine at Université de Montréal, Adjunct Professor in the Department of Anatomy and Cell Biology and member of the Integrated Program in Neuroscience at McGill University. He is Director of the FRQS Vision Health Research Network, a provincial initiative dedicated to promoting research capacity and international visibility for more than 100 vision scientists in Quebec by funding collaborative projects and various infrastructures. He is also Chair of the Scientific Advisory Board of Fighting Blindness Canada. His research focuses on the cellular and molecular mechanisms regulating neural development and regeneration.

Oury Monchi, PhD
Scientific Director, The Centre de Recherche de l'Institut Universitaire de Gériatrie de Montréal (CRIUGM)
Full Professor, Radiology, Radio-oncology and Nuclear Medicine, Université de Montréal

Oury Monchi obtained his Ph.D. in Computational Neuroscience at King's College London, UK. He then pursued postdoctoral fellowships at the Montreal Neurological Institute, and at the CRIUGM in neuroimaging applied to Parkinson's disease. Until the summer of 2014 he was Associate Professor of Radiology at the Université de Montréal and a scientist at the CRIUGM. From 2014 to 2021 Prof. Monchi was Professor and director for clinical research at the department of Clinical Neurosciences at the University of Calgary. During that time, he held the Canada Research Chair (Tier 1) in non-motor symptoms of Parkinson's disease and the Tourmaline Oil Chair in Parkinson's disease. Since 2018, he is the director of the Canadian-Open Parkinson Network, a platform funded by Brain-Canada and Parkinson Canada. Since November 2021, Prof. Monchi is the Scientific Director of the Centre de Recherche de l'Institut Universitaire de Gériatrie de Montréal and Full Professor of Radiology, Radio-oncology and Nuclear Medecine at the Université de Montréal.

Prof. Monchi's lab has been a pioneer in using different neuroimaging techniques to study the origins and evolution of non-motor (including cognitive and neuropsychiatric) deficits in Parkinson's disease with the ultimate goal of the early prediction of dementia in the disease. Non-medication therapies such as transcranial magnetic stimulation and low intensity focused ultrasound are also being explored. Methods used include functional and anatomical MRI, TMS, LiFU, neuropsychological and neuropsychiatric evaluations, genotyping and machine learning.

Rhian Touyz, MBBCh, M.Sc. (Med), PhD
Executive Director and Chief Scientific Officer
Research Institute of the McGill University Health Centre (RI-MUHC)
The Dr. Phil Gold Chair in Medicine, McGill University

Dr. Touyz is the Executive Director and Chief Scientific Officer of the Research Institute of the McGill University Health Centre (RI-MUHC) and the Dr. Phil Gold Chair in Medicine, McGill University, Montreal, Canada. Until September 2021, she was the Director of the Institute of Cardiovascular & Medical Sciences (ICAMS) and British Heart Foundation (BHF) Chair and Professor of Cardiovascular Medicine, Univ of Glasgow. From 2005-2011 she held a Canada Research Chair in Hypertension (Tier 1). She is a clinician-scientist with an interest in molecular and vascular mechanisms of hypertension and small vessel disease and her research spans molecular to clinical studies. Dr. Touyz graduated with her BSc (Hons) (1980), MBBCh (1984), MSc (1986) and PhD (1992) from the University of Witwatersrand, South Africa. She completed a post- doctoral fellowship at the IRCM, Montreal. She has received numerous awards, including the Dahl Award, Harriet Dustan Award, Hypertension Research Excellence Award (Council on hypertension, AHA), Robert M. Berne Award (American Physiological Society), RD Wright Award (HBPRC, Australia), Irvine Page Award (ASH), Joan Mott Award (Physiology Society). She is the editor-in-chief of Hypertension. She contributes to best clinical practice and co-chaired CHEP for clinical guidelines. She is a committee member for Guidelines of the European Society of Cardiology. She played major leadership roles in premier hypertension organizations: President- Canadian Hypertension Society, Chair-High BP Research Council (AHA), President- International Society of Hypertension and President-European Council for Cardiovascular Research. She has trained over 80 PhD/MD students and fellows and has published over 570 papers [h- index: 129 (Google Scholar); 107 (Web of Science)]. Her research has been funded by the Leducq Foundation, CIHR, HSFC, JDRF, BHF, MRC and the Wellcome Trust. Her research focuses on molecular and vascular biology of hypertension and target organ damage, particularly 1) vascular signaling and redox biology; 2) adipose biology and cardiometabolic disease; 3) cardiovascular toxicity of anti-cancer drugs, 4) pathophysiology and management of human hypertension.

2022 NEURO RETREAT AMAZING RACE

The 2022 Neuro Retreat Amazing Race will take place over the course of the weekend beginning at the Cocktail on Friday evening. Over the next 2 days, you and your team will be challenged physically and mentally in the hope of being crowned the winner.

This exciting friendly competition will inspire team building, creativity and will be a whole lot of fun! This race will work on a point tally system and the winning team will be announced during the closing remarks on Sunday.

- Instructions and team assignments will be included in your welcome packages.
- Present your team chit to the Events team at the cocktail reception at 5:30 p.m. to receive your first clue.
- Participation is not mandatory, but the more people involved, the more fun it is going to be! We encourage you to mingle and sit with your teams at the cocktail reception and dinner!
- There are nine teams competing, each team with an assigned colour, which will be visible on your name badge. Teams can choose their own name.
- Upon completion of certain clues, challenges, or roadblocks your team may receive a proof of completion chit. These must be presented to events staff at the appropriate times to continue on to the next stage of the competition.
- **BONUS CHALLENGES**: We have posted some bonus challenges at the Neuro reception desk for teams to complete to earn extra points. These are designed to be completed at your leisure and are not mandatory for the Amazing Race. You simply must provide proof to the Neuro reception desk that you have completed the challenge and the bonus points will be added to your tally. Each team may only complete each bonus challenge ONCE.
- We will provide tips if your team is having trouble solving a clue. However, for each tip that you request your team is docked one point.
- Look for the official Amazing Race symbol as it will be present on ALL Amazing Race related materials around the hotel.

EXTRA-CURRICULAR ACTIVITIES

Registration (sign-up) is required for the following activities:

Hiking on Mount Brome

17 km of pristine hiking trails can be found at nearby Mount Brome. The trails are accessible at walking distance from the hotel. A group guided hike is available Saturday afternoon following lunch or Sunday morning. If you would prefer to hike independently, see the trail Map.

Backbone Boulder

Bouldering involves climbing on 16' boulder walls without rope or harness and allowing mattresses to absorb your fall. It is an activity for people who want to challenge themselves but requires no previous experience. Backbone Boulder also houses a bar, cafe, and restaurant with a beautiful outdoor terrace. Carpooling will be organized. Website.

Divertigo Adventure Course

Looking for a safe but fun challenge? The aerial obstacle course includes zip lines, rope games, swings, climbing walls and more. This activity will be planned through the Neuro if there is enough interest. You must sign a waiver to participate. **Cost:** $40.25/per person.

Wine Tasting at the Château Bromont (on-site)

Located in the winery at the Chateau Bromont, an in-house sommelier will provide an intimate wine tasting experience for up to 8 participants. Cost is $70.

Winery Tour and Tasting at Leon Courville (off-site)

Join the group vineyard tour and wine tasting at the magnificent Leon Courville vineyard located only minutes from Chateau Bromont. This sensory examination and evaluation of various wines and vineyard tour will take approximately two hours. Cost is $33.50/per person. Departure from the hotel is at 1:30 pm. Carpooling will be organized.

Indoor Pool and Gym

A spacious indoor heated pool and gym are situated in the central atrium of the hotel on the main level. In addition, all season hot tubs located on the Terrase with views of the mountain.

RETREAT VENUE AND REGIONAL ATTRACTIONS

This year's Retreat at Hôtel Château Bromont will be nothing short of an amazing early summer experience. A unique jewel in the beautiful valleys of the Eastern Townships, Hôtel Château-Bromont is located at the base of Mount Bromont where you can enjoy a vast array of activities, such as hiking, biking, indoor and outdoor swimming pools, the Amerispa, and more. Hôtel Château-Bromont's lavish hotel rooms and suites are tastefully decorated and designed to guarantee a peaceful and relaxing stay. We hope you enjoy the experience

For those of you wanting to explore the region as well, here are some additional activities to do near the hotel: Golf Château Bromont, Bromont Water Park, Granby Zoo, Mountain Biking, Chocolate Museum, Amerispa, Balnea Spa, Quartier

Golf Château Bromont
18 holes, you must book your departure at least 7 days in advance. Weekend prices: $77.60, After 3PM: $43.10, golf cart rental: $23. Book your departure here.

Bromont Water Park
Discover waterslides, heated pools and mountain activities! Open 10am – 6:30pm.

Cost: Adult: $51.75, Child: $37.95, 55+: $37.95. Buy your tickets here.

Granby Zoo
The Granby Zoo is home to nearly 1,500 animals from over 225 different species. It also boasts an amusement park and water park. Tickets must be purchased in advance online. Visit their website for more information and seasonal rates.

Mountain Biking
From easy rides to white-knuckle thrills!
Cost: One day, unlimited lift rides: $67.85, Bike trail access only, no lift rides: $19. Website.

Chocolate Museum
The Chocolate shop and museum offers its clientele more than forty chocolate flavours and aromas. Confectionery and local products including homemade sponge toffee, fudge, jams, mustard, vinaigrette and coulis can be found in the shop. Website

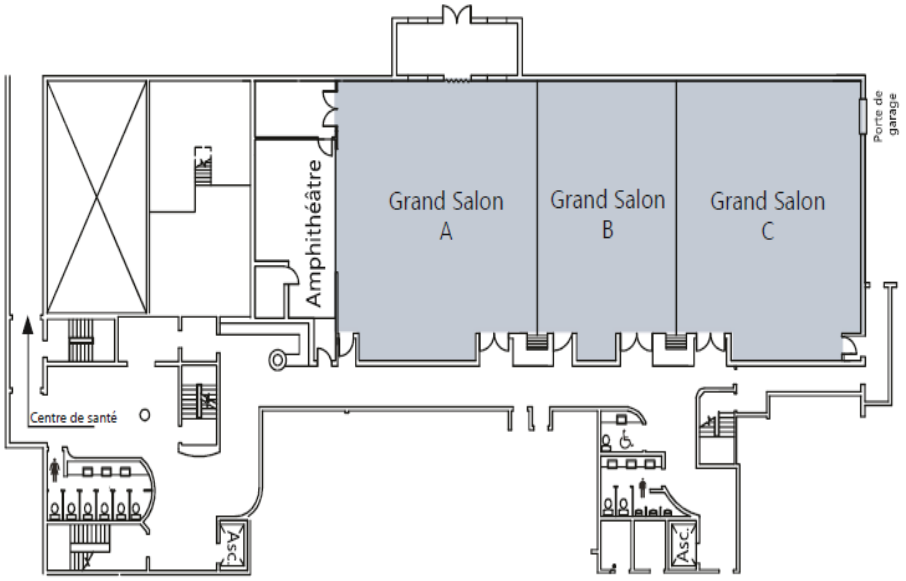
Amerispa (on-site)
Unique in its Aquatonic park, Amerispa contains more than 15 stations devoted to relaxation muscle recovery, and conditioning. The hammams include water fountains, a Finnish sauna, a Turkish bath, multi-jet showers, and jet horizontal heated benches. Other services offered include body scrubs and massages, for an additional fee. For more information and to book a treatment, visit their Website.

Balnea Spa (off-site)
Located less than 15 minutes from Chateau Bromont, this unique spa offers a variety of services including thermal treatments, massages, facials, manicures and pedicures to name a few. A gourmet restaurant is available for snacks and meals. For more details about their services and packages, visit their website.

Quartier Bromont
Quartier Bromont offers a wide variety of outlet stores, restaurants and quality services for everyone.

VENUE MAP

Niveau Grand Salon



Rez-de-chaussée