

Toutes les conférences se dérouleront en anglais
All presentations will be given in English

Programme préliminaire / Preliminary program

Mai 21 - 22 May 2019

41^e Symposium international en neurosciences de l'Université de Montréal
Éléments déclencheurs de la maladie de Parkinson
Early Triggers of Parkinson's Disease

Pavillon 3200 Jean-Brillant, local B-2245

Comité organisateur / Organizing committee: Antoine Duquette, Alexandru Hanganu, Nicole Leclerc, Daniel Lévesque, Diana Matheoud, Michel Panisset, Martine Tétreault, Louis-Eric Trudeau.

Mardi, 21 mai / Tuesday, May 21

7 h – 8 h Accueil

8 h – 8 h 45 Mots de bienvenue / Opening statements

Christian Baron, vice-doyen, recherche et développement, Faculté de médecine

Patrick Cossette, directeur, Département de neurosciences
Michel Panisset, professeur, Département de neurosciences

SESSION 1

Early phenotyping and detection of Parkinson's disease

Modérateur / Moderator: Antoine Duquette

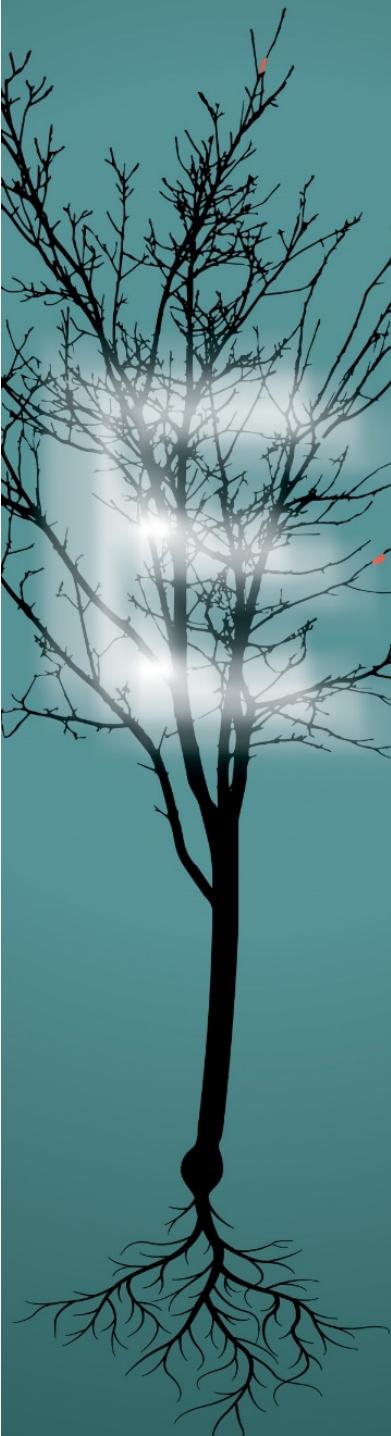
8 h 45 – 9 h 15 **Roger Barker, Ph.D.**

Department of Clinical Neurosciences

University of Cambridge, Cambridge, UNITED KINGDOM

Parkinson's Disease- one disorder or many?

9 h 20 - 9 h 50 Conférencier à venir



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10 h – 10 h 25 Pause-café / Coffee break

10 h 25 – 10 h 55 **Andrew D. Siderowf, M.D.**

Department of Neurology
University of Pennsylvania, Philadelphia, PA, USA

11 h – 11 h 30 Conférencier à venir

11 h 35 – 13 h Repas / Lunch: Cafétéria Jean-Brillant

13 h – 14 h Session d'affiches / Poster session

SESSION 2

Patient-derived systems to study early triggers and novel therapeutics

Modérateur / Moderator: Martine Tétreault

14 h – 14 h 30 **Thomas M. Durcan, Ph.D.**

Department of Neurology and Neurosurgery
Montreal Neurological Institute and Hospital
McGill University, Montreal, QC, Canada

Developing new models of Parkinson's through stem cells

14 h 40 – 15 h 10 **Janelle Drouin-Ouellet, Ph. D.**

Faculté de pharmacie
Université de Montréal, Montréal, QC, Canada

Direct neuronal reprogramming to study sporadic Parkinson's disease

15 h 15 – 15 h 35 Pause-café / Coffee break

15 h 40 – 16 h 10 **Michela Deleidi, Ph.D.**

Department of Neurodegenerative Diseases
University of Tübingen, Tübingen, Germany

16 h 15 – 16 h 45 Conférencier à venir

18 h Cocktail et banquet



Mercredi, 22 mai / Wednesday, May 22

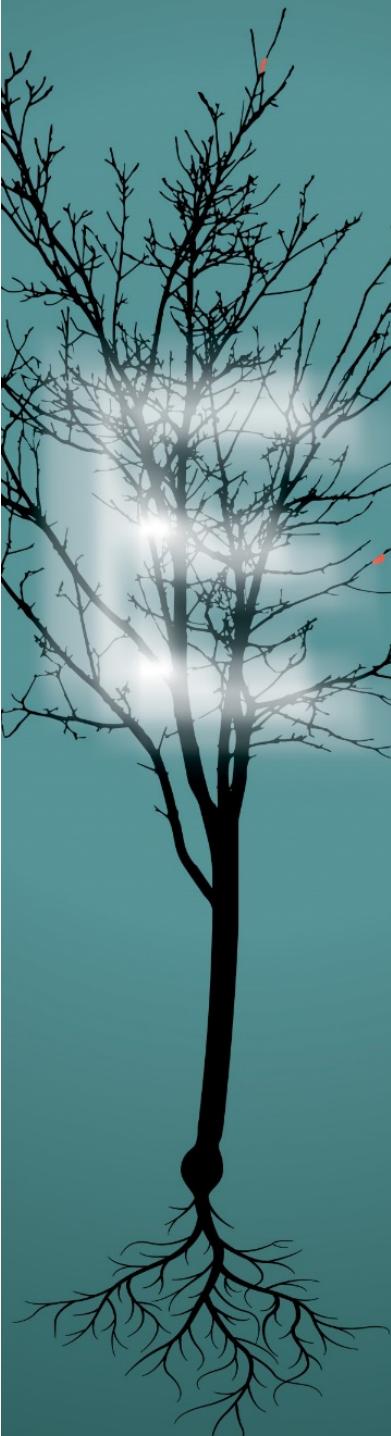
7 h 40 – 8 h 40 Accueil

SESSION 3

Early pathophysiological triggers and biomarkers of Parkinson's disease

Modérateur / Moderator: Daniel Lévesque

- 8 h 45 – 9 h 15 **Richard Youle, Ph.D.**
Biochemistry section
National Institute of Neurological Disorders and Stroke, Bethesda, MD, USA
Neuroinflammation stemming from mitochondrial DAMPs linked to Parkinson's disease genes and mitophagy defects
- 9 h 20 – 9 h 50 **Francesca Cicchetti, Ph. D.**
Département de psychiatrie et de neurosciences
Université Laval, Québec, QC, Canada
Erythrocytes derived microvesicles: a new biomarker of Parkinson's disease
- 9 h 55 – 10 h 10 Pause-café / Coffee break
- 10 h 10 – 10 h 30 **Louis-Eric Trudeau, Ph. D.**
Département de pharmacologie et de physiologie
Université de Montréal, Montréal, QC, Canada
Axonal arbor size and bioenergetics and determinants of early vulnerability
- 10 h 35 – 11 h 05 **Anurag Tandon, Ph.D.**
Department of Medicine
University of Toronto, Toronto, ON, Canada
Gene therapy for synucleinopathies
- 11 h 05 – 12 h 05 Session d'affiches / Poster session
- 12 h 05 – 13 h Repas / Lunch: Cafétéria Jean-Brillant



SESSION 4

Inflammation and immune responses as early triggers of Parkinson's

Modérateur / Moderator: Michel Desjardins

- 13 h – 13 h 30** **Ashley S. Harms, Ph.D.**
Department of Neurology
University of Alabama at Birmingham, Birmingham, AL, USA
Alpha-Synuclein and the immune response in Parkinson's disease
- 13 h 35 – 14 h 05** **Malú G. Tansey, Ph.D.**
Department of Physiology
Emory University School of Medicine, Atlanta, GA, USA
Inflammation et interactions avec le système immunitaire dans la MP. Gut-brain Interactions
- 14 h 10 – 14h 25** Pause-café / Coffee break
- 14 h 30 – 15 h** **Diana Matheoud, Ph. D.**
Département de neurosciences
Centre de recherche du CHUM
Université de Montréal, Montréal, QC, Canada
Parkinson's disease related proteins PINK1 and Parkin are major regulators of the immune system
- 15 h 05 – 15 h35** **Antonio P. Strafella, Ph.D.**
Campbell Family Mental Health Research Institute
Department of Medicine's Division of Neurology
University Health Network, Toronto, ON, Canada
PET radioligands for imaging brain microglial activation in neurodegenerative disease
- 15 h 40 – 16 h** Mot de clôture