



Olympus Discovery Center at the Douglas Institute Inauguration Day – March 17, 2017

Douglas Mental Health University Institute, Douglas Hall
6875 LaSalle Boulevard, Montreal, (Quebec) H4H 1R3

Program

Introduction of the Discovery Center

- 10:00 Dr. Alain Gratton, Associate Director, Research Centre, Douglas Institute
- 10:15 Michael J. Spence, Executive Director, Sales and Marketing, Olympus
- 10:30 Presentation of finalists and winners of the Imaging Contest

Brief Scientific Presentations

- 11:00 Dr. Sylvain Williams, Douglas Institute
Two-photon imaging of neurons in hippocampus
- 11:20 Dr. Tak Pan Wong, Douglas Institute
Hippocampal engram cells and stress susceptibility
- 11:40 Dr. Naguib Mechawar, Douglas Institute
Childhood adversity associates with disrupted glial organization in anterior cingulate cortex
- 12:00 Lunch (pre-registration; coupon required)

Guest Speaker Scientific Presentations

- 13:00 Dr. Daniel Côté, l'Institut universitaire en santé mentale de Québec (IUSMQ)
Imaging structure and function in live animals
- 13:30 Dr. Keith Murai, McGill University
Structural and functional specialization of astrocytes in brain homeostasis
- 14:00 Dr. Roberto Araya, Université de Montréal
A spike timing-dependent plasticity rule for single, distributed, and clustered dendritic spines

Keynote Speaker

14:30 **Dr. Timothy H. Murphy**

University of British Columbia

Mapping single neurons to mesoscale networks in health and disease

- 15:30 Concluding remarks
- 16:00 Wine and Tapas reception (pre-registration; coupon required)

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