Université de Montréal
Faculté de médecine
Département de neurosciences

Groupe de recherche sur le système nerveux central
GRSNC
Université de Montréal

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NEURODISCUSSIONS

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A multiomics approach to understanding Alzheimer's disease

Résumé

Alzheimer's disease (AD) is a complex and heterogeneous disorder. By the time a clinical diagnosis is made, extensive irreversible brain damage has already occurred. Combining data from MRI and proteomics in mouse models of AD, Dr. Badhwar will present novel early molecular biomarkers that she is currently assessing in AD patients. Dr. Badhwar will then describe imaging biomarkers of early neuronal dysfunction in AD patients using resting-state functional MRI. Finally, she will discuss how the integration of molecular and imaging biomarkers using machine-learning approaches allows for the identification of multiomics biotypes in AD.

Date: **Mardi, 12 mars 2019**
Heure: 16 h
Lieu: Salle 1120, Pavillon Paul-G.-Desmarais