

NEUROSCIENCE TRAINEE LUNCH

VISITING SPEAKER



Monday, January 14, 2019
1:15 PM

SR415
Kleysen Institute for Advanced
Medicine, Boardroom

DR. KEITH MURAI

Director for the Centre for Research in Neuroscience
Professor, Neurology & Neurosurgery, Faculty and
Department of Medicine
Research Institute of the McGill University Health Centre

Keith Murai is the Director of the Centre for Research in Neuroscience at McGill University, Leader of the Brain Repair and Integrative Neuroscience (BRaIN) Program at the Research Institute of the McGill University Health Centre, and Professor in the Dept. of Neurology and Neurosurgery at McGill University. He is a recipient of a Canada Research Chair position and is an EJLB Scholar for Schizophrenia Research. His research has two main areas of focus: (1) Understanding how neurons and glial cells cooperate to regulate brain development and homeostasis and (2) Discovering mechanism that regulate the plasticity of synapses that underlie memory formation, neurodevelopmental disorders, and neurodegenerative diseases. His laboratory uses advanced mouse genetic, imaging, electrophysiological, and optogenetic techniques and has pioneered approaches for understanding glial cells in brain function. He is an Associate (handling) Editor at *Frontiers in Cellular Neuroscience*, Section Editor in Development and Plasticity at the *Journal of Experimental Neuroscience*, and a Member of the editorial board at *Developmental Neurobiology*. He has been an author on high impact research studies published in journals such as the *Journal of Neuroscience*, *PNAS*, *Journal of Cell Biology*, *Nature Neuroscience*, *Current Biology*, *Neuron*, *Cell*, and *Science*.

ALL TRAINEES WELCOME