

2005-2006 Neuroscience Seminar Series

- Sept 14 Alain Dagher,
McGill University
“Functional neuroimaging studies of drugs and natural rewards in humans”
- Sept 28 Steve Perlmutter
University of Washington
“Moving the primate hand in different directions: information processing in the spinal cord.”
- Oct 12 Robert Harrison
University of Toronto
“The Development and Plasticity of Frequency Representation in the Auditory System.”
- Oct 26 Ken Rose
Queen’s University
“A ‘plan B’ for the formation of new axons? Lessons learned from the study of motoneuron dendrites following peripheral nerve injury.”
- Nov 9 Tadashi Isa
National Institute for Physiological Sciences, Japan
“Role of extrageniculate visual system in regulation of saccades and top down attention.”
- Nov 23 Paul Cumming
University of Aarhus, Denmark
“Imaging of Neurotransmission by Positron Emission Tomography.”
- Nov 30 Daniel Wolpert
University College of London (PDF)
“Uncertainty in human sensorimotor control.”
- Dec 7 William Newsome
Stanford University, SFN Grass Traveling Scientist
“Perception, decisions and reward: toward a neurobiology of decision making.”
- Jan 11 Hans Dringenberg
Queen’s University
“Amplification of cortical synaptic plasticity by subcortical neurotransmitter inputs and arousal.”

- Jan 25 Isabelle Aubert
University of Toronto
“The plasticity of septohippocampal cholinergic neurons during development, degeneration and regeneration.”
- Feb 8 Mark Sabbagh
Queen’s University
“Frontal lobe development and theory of mind.”
- Feb 22 Jaideep Bains
University of Calgary
“Multiple forms of plasticity at hypothalamic synapses- Novel roles for gliotransmitters and retrograde messengers.”
- Mar 8 Mel Robertson
Queen’s University
“Thermal Stress and Neural Function: Adaptive Mechanisms in Insect Model Systems.”
- Mar 22 George Richerson
Yale University
“Role of serotonin neurons as central CO₂ sensors.”
- Apr 5 Ranulfo Romo
National Autonomous University of Mexico (PDF)
“Probing the cortical evidence of a sensory discrimination process.”
- Apr 19 Michael Kawaja
Queen’s University
“Olfactory ensheathing cells - a potential cellular therapy for spinal cord injury?”
- May 3 Bruce McKay
University of Calgary
“Volume control in the cerebellum: the role of climbing fibres in regulating parallel fibre readout in Purkinje cells.”
- May 17 Asif Ghazanfar
Princeton University
“Bimodal vocal communication in primates: from behavior to brain.”