Neurobiology & Behaviour Retreat 2018

Thursday April 26, 9:00am
Stewart Biology N7/1

Session 1 – 9:00am
Erin Wall
Investigating the role of developmental and social experience on plasticity in the auditory system of female Zebra Finches

Raina Fan
Are social and individual learning mediated by similar mechanisms?

Luke Rumage-Healey (UMASS, Amherst)
Neuromodulators and timing precision in the songbird auditory cortex

Coffee Break

Session 2 – 10:45am
Brenda Toscana-Marquez
Use of a mitochondrial antioxidant to ameliorate motor performance in ARSACS mice

Andrew Matheson
Identifying the neural circuits underlying olfactory navigation in walking Drosophila

Oliver Hardt (Psychology)
TBA

Session 3 – 1:30pm
Alastair Garner
Interneuron populations affecting action sequencing in D. melanogaster escape behaviours

Sreeparna Pradhan
Long-term behavioral and neural circuit adaptations to early life stress

Joe Dent (Biology)
Evolution of the nervous system and the origin of fast neurotransmission

Break

2:45pm
Keynote Lecture
Christopher Pack
Montreal Neurological Institute
Neural circuits for sensory decision making in non-human primates

5:00pm Reception
Resevoir
9 Duluth St. East, Montreal QC H2W1G7