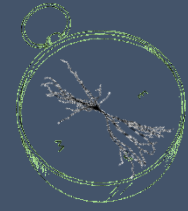


Navigate

Summer Interns Day



9th of August at F-1455

16:00 – 16:15 Opening remarks

16:15 – 18:00 Poster session

18:00 – 19:00 Cocktail

Hosted by:

Association étudiante du CERVO
CERVOLET
CERVO student association

Sponsored by:



Posters:

	Presenter	Laboratory	Title
1.	Jasmine Poirier	Daniel Côté & Patrick Desrosiers	A deep learning pipeline for processing whole-brain calcium imaging data: From segmentation to connectome inference
2.	Sarah Malvaut	Armen Saghatelian	The role of microglia in the adult olfactory bulb
3.	Carolane Parent	Amélie M. Achim	Étude des bases cérébrales des jugements sociaux à l'aide de la neuroimagerie fonctionnelle et de tests comportementaux (Projet REMICS-I)
4.	Windsor Ting	Christian Éthier	Paired associative stimulation to guide corticospinal plasticity
5.	Sunny Kumar	Jean Pierre Julien	Treatment with semi-synthetic analog of withaferin-A (IMS-088) reduces TDP-43 pathology in invitro and invivo mouse models of FTLD and ALS
6.	Maya Chebl	Martin Parent	miniSOG photoconversion as a new tool to study the ultrastructural features of cholinergic axons in the subthalamic nucleus.
7.	Irene Anastasia	Luca Pellegrini	Structural and functional participation of the mitochondria-wrapping rough-ER (WrappER) in ApoB- containing lipoprotein biogenesis
8.	Iason Keramidis	Yves de Koninck	Freely moving in vivo wireless electrophysiology combined with optogenetics

9.	Damon DePaoli	Daniel Côté	Fiber based tissue identification for optical guidance during deep brain stimulation neurosurgery
10.	Archana Gengatharan	Armen Saghatelyan	Calcium signaling determines the transition from quiescent to proliferative states of neural stem cells in the adult brain
11.	Marc Boisvert & Nizar Chetoui	Cell Sorting Platform	Cell sorting platform
12.	Niraj Patel	Pierre Marquet	Finding biomarkers, including endophenotypes for Schizophrenia and Bipolar disorders using cell reprogramming and digital holographic microscopy
13.	Caroline Lafréchoux	Martin Lévesque	Uncovering the Sema7a downstream signalling pathway controlling midbrain dopaminergic axon guidance
14.	Isabel Plasencia-Fernandez	Yves de Koninck	Optogenetic strategy to measure chloride transport kinetics in single neurons in situ
15.	Francis Desmeules	Martin Parent	Post-mortem analysis of a Parkinson's disease brain after 11 years of deep brain stimulation of the subthalamic nucleus
16.	Ekaterina Martianova	Christophe Proulx	Multiple fiber photometry for simultaneous measurement of neuronal activity from different neural circuits
17.	François Côté	Daniel Côté & Martin Lévesque	Fast whole mouse brain imaging using HiLo technique on a wide-field fluorescence microscope
18.	Cédric Bressan	Armen Saghatelyan	Impact of energy consumption and autophagy on neuronal migration
19.	Michaël Elbaz	Martin Deschênes & Christian Éthier	Closed- and open-loop control of voluntary whisker movements
20.	Louis-Charles Béland	Jasna Kriz	Microglia cell-type specific NF-kB networks in ALS mouse model

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