

BRC Research & Poster Day 2016

List of Presenters/Supervisors and Poster Titles

#	Presenter	Supervisor	Poster Title
1	Matt Nichols	George Robertson	Global Ablation of the Mitochondrial Calcium Uniporter Increases Glycolysis in Cortical Neurons Under Energetic Stressors
2	Christiane Whitehouse	John Fisk	Multiple sclerosis and inflammatory bowel disease: A comparison of cognitive impairments in two immune mediated-inflammatory diseases
3	Julia Harrison	Victor Rafuse	Investigating the Role Terminal Schwann Cells Play in Muscle Type Specific Recovery Following Partial Denervation in G93A SOD1 mice
4	Hayam Hamodat	Sultan Darvesh	Pathology and butyrylcholinesterase activity in the anterior olfactory nucleus in neurodegenerative diseases
5	Jeremy Chopek	Ying Zhang	Synaptic connectivity patterns of spinal V3 interneurons
6	Sarah McLeod	Steven Beyea	Using Reliability to Provide Patient-Specific Processing of Neuroimaging Data
7	Han Zhang	Ying Zhang	V3 spinal interneurons are crucial in regulating weight-loading movement
8	William Mayer	Turgay Akay	Role of muscle spindle feedback in the swing movement dynamics and foot placement during walking
9	Olivier Laflamme	Turgay Akay	Crossed reflex pathways in freely walking mice
10	Ian MacDonald	Sultan Darvesh	Butyrylcholinesterase as a Sensitive and Specific Biomarker of Alzheimer Disease
11	Josh Latka	Guy Kember	Mathematical Model for Traumatic Brain Injury and its Clinical Implications
12	Emily Patrick	Gail Eskes	Assessing Attention: A tablet-based proof of concept with the Dalhousie Computerized Attention Battery (DalCAB)
13	Drew Debay	Sultan Darvesh	Synthesis and <i>in vivo</i> SPECT evaluation of a novel butyrylcholinesterase diagnostic radioligand for Alzheimer's Disease
14	Antonios Diab	James Fawcett	
15	Austin Korgan	Ian Weaver	Male Experience, Female Investment and Offspring Anxiety Behavior: Where Father's Nature Meets Mother's Nurture
16	Barakat Alrashdi	Patrice Cote	Role of sodium channels in multiple sclerosis pathology
17	Alix Lammie	George Robertson	The role of cellular Inhibitor of Apoptosis Protein 2 (cIAP2) in the differentiation and polarization of infiltrating macrophages
18	Anna-Claire Lamport	George Robertson	Lysolecithin-induced demyelination in mice with experimental autoimmune encephalomyelitis as a novel model for multiple sclerosis
19	Lyna Solomon-Kamintsky	Alon Friedman	Pericytic dysfunction underlies seizure-induced opening of the blood-brain barrier and neurovascular uncoupling
20	Matthew Chedrawe	George Robertson	The deletion of cIAP2 exacerbates autoimmune-mediated spinal cord injury but not lysolecithin-induced demyelination
21	Shannon Hall	Kazue Semba	Microglia responses to chronic sleep loss in the rat brain
22	Dylan Deska-Gauthier	Ying Zhang	Spinal V3 subpopulations exhibit distinct neurogenesis profiles and subpopulations separation regulated by the Sim1 transcription factor.