

POSTER PRESENTATIONS

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| Adam Makarov | Nanoparticle Drug Delivery for Central Nervous System Disorders |
| Anjali Pandey | Examining attention capture effects in complex visual search arrays |
| Antonios Diab | NCK1 Modulates Neuronal Actin Dynamics and Promotes Dendritic Spine, Synapse, and Memory Formation |
| Asal Yans | A novel strategy to restore meaningful function to permanently denervated skeletal muscles |
| Colin MacKay | Spinal V3 interneurons pre- and post-symptom onset in a SOD1 ^{G93A} mouse model of amyotrophic lateral sclerosis |
| Colin McCormick | Integrating Mind and Brain with Research on the Networks of Attention |
| Eshan Arora | The use of viral vectors to detect the transcellular transport of mitochondria following cortical spreading depression |
| Gracious Kasheke | IRX4204 Enhances Gait Recovery in Mice Subjected to Experimental Autoimmune Encephalomyelitis |
| Griffin Wakelin | Twist2-expressing myogenic progenitors in human muscle |
| Hamza Imtiaz | Prevalence and Clinical Association of Paroxysmal Slowing in Epilepsy |
| Jack Guthrie | Developing an in vivo model to study human iPSC derived motor neurons from ALS patients |
| Jae Ho Han | A small RNA signature from extracellular vesicles in patient plasma correlates with recurrence or progression of high-grade gliomas |
| Kaitlyn Fraser | Neuronal deletion of the mitochondrial calcium uniporter impairs novel object and spatial memory in mice |
| Katie McKearney | Exploring Diurnal Effects on Attention and Working Memory with Young and Older Adults Using the Dalhousie Computerized Attention Battery (DalCAB) |
| Mark MacLean | NMDA-Receptor Antagonism for the Prevention of Neurological Dysfunction in Traumatic Brain Injury: Results of a Randomized Pre-Clinical Trial |
| Moussa Hamati | Seizures and Brain-Blood Barrier Disruption in an Epilepsy Model |
| Myra Ahmad | Neuroprotection Via Mitoprotection: Blocking the Mitochondrial Calcium Uniporter After Spinal Cord Injury |
| Nelofar Kureshi | A Geospatial Analysis of the Burden of Traumatic Brain Injury |
| Nicholas Murphy | Development of an Online Visual Scanning Treatment for Visuo-Spatial Neglect: A Single-Case Study Series |
| P Moradi, S Cort | Pathological paroxysmal slow wave events as a predictive and diagnostic biomarker of post-traumatic epilepsy |
| Robyn Novorolsky | Osmium-based inhibitors of the mitochondrial calcium uniporter preserve mitochondrial function and cell viability in mouse primary cortical neurons after lethal oxygen-glucose deprivation |
| Saisha Rankaduwa | Re-analysis of body representation in the somatosensory cortex: An investigation of the "femunculus" |
| Sammy Pham | Assessing vascular damage after traumatic brain injury and cortical spreading depolarization at the cellular level |
| Sean McWhinney | Association between obesity and cortical brain structure in bipolar disorders - An ENIGMA study in 2,832 individuals |
| Sheida Mirloo | Evolutionary development of blood-brain barrier: evidence from brain imaging |
| Sina Lash | Transient slowing of brain activity in Epilepsy: Lessons from rural Zambia |