



# 2023 CERI Symposium

Friday, October 13<sup>th</sup>

Delta Hotel by Marriott Prince Edward

October 13, 2023	
8:45 a.m.	<b>Welcome</b>
9:00 a.m.	<p><b>Session 1:</b></p> <p><u>Homeira Moradi Chameh</u> <i>Neural homogenization of medial prefrontal cortex pyramidal neurons accompanies epileptogenesis</i></p> <p><u>Madeleine Falby</u> <i>The Transcriptomic and Intrinsic Biophysical Heterogeneity of Subiculum Pyramidal Neurons in the Face of Epileptiform Activity</i></p> <p><u>Emily E. Gordon</u> <i>Febrile Seizures and Lipid Peroxidation within the Hippocampus of Neonatal Rats.</i></p> <p><u>Srijal Gupta</u> <i>Modulating epileptogenesis with cannabinoids in the SSP-Saporin “Trojan Horse” model</i></p>
10:00 a.m.	<b>Break</b>
10:15 a.m.	<p><b>Session 2:</b></p> <p><u>Hana H. Abbas</u> <i>Evaluation of Abnormalities of Neural Synchronization in Epilepsy using Movie-Driven fMRI</i></p> <p><u>Amirhossein Jahani</u> <i>Magnetoencephalography source connectivity analysis in patients with temporal plus epilepsy</i></p> <p><u>Giovanni Pellegrino</u> <i>Assessment of excitation/inhibition (E/I) from resting state magnetoencephalography (MEG) and its relationship with cortical thickness in temporal lobe epilepsy (TLE) patients</i></p> <p><u>Mohamed Yousif</u> <i>Normative Modelling of Hippocampal Morphology in Epilepsy</i></p>

11:15 a.m.	<p><b>Keynote Lecture</b></p> <p><u>Dr. Jerome Engel, University of California, Los Angeles</u></p> <p><i>Basic Mechanisms of Epilepsy</i></p>
12:15 p.m.	<b>Lunch</b>
1:15 p.m.	<p><b>Session 3:</b></p> <p><u>Adriano Cattani</u> <i>Bridging Pediatric Epilepsy Surgery with Basic Science: From sEEG to Intracellular Recordings</i></p> <p><u>Chris Zajner</u> <i>Anatomical features predicting outcome from stereotactic laser amygdalohippocampotomy</i></p> <p><u>Ahdyie Ahmadi</u> <i>The Effect of Cortical Stimulation on SEEG-recorded Interictal Epileptiform Discharges</i></p> <p><u>Keza Motlana</u> <i>Investigation of Cortical Thickness Changes in in First Time Unprovoked Seizure Subjects</i></p>
2:15 p.m.	<b>Break</b>
2:30 p.m.	<p><b>Session 4:</b></p> <p><u>Leah Fick</u> <i>Maximal Electroconvulsive Shock-Induced Seizures Cause Long-Lasting Analgesia</i></p> <p><u>Donna Gift Cabalo</u> <i>Disrupted signal flow and functional connectivity subspaces in declarative memory networks of temporal lobe epilepsy</i></p> <p><u>Hannah Gray</u> <i>Cognitive Abilities in Epilepsy Patients and the Trajectory of Cognitive Recovery for Status Epilepticus Patients</i></p> <p><u>Juan Santiago Bottan</u> <i>Combined Resting-State Functional MRI and Functional Near-Infrared Spectroscopy in Preoperative Language Mapping in Children with Drug-resistant Epilepsy</i></p>
3:30 p.m.	<b>Wrap-up</b>