

2020 Virtual Academy Meeting Agenda		
Time	Topic	Presenter(s)
Saturday September 26, 2020		
7:00a - 7:50	Business Meeting	TBD
7:50-8:00	<i>BREAK</i>	
Presidential Welcome & Introduction		
8:00 - 8:05		Dr. Sean Grady
Candidate & Member Presentations Moderator & Co-Moderator: <i>Aviva Abosch & James Markert</i>		
8:05-8:15	Reconnecting Arm & Brain: Motor Controlled Peripheral Nerve Stimulation for Reanimation of the Paralyzed Upper E	Jonathan Miller
8:15-8:25	Early vs late surgical decompression for spinal cord injury: a meta-analysis of individual patient data from 1548 cases	Michael Fehlings
8:25-8:35	Intermediate-Grade Brain Arteriovenous Malformations and the Boundary of Operability	Michael Lawton
8:35-8:45	Redefining Chiari Type I Malformation through Genetically, Radiologically, and Clinically-Derived Endophenotypes	David Limbrick
8:45-8:55	Deep learning for rapid, automated, accurate, and reliable white matter tract labelling in patients with brain lesions	Alexandra Golby
8:55-9:05	The Bacterial and Viral Complexity of Postinfectious Hydrocephalus in Africa	Steven Schiff
9:05-9:15	Local Therapy for Brain Cancer: From Nanoparticles to Stem Cells	Alfredo Quinones-Hinojosa*
9:15-9:25	Semi-automated volume measurement to define normal versus pathological ventricular volume in childhood	Cormac Maher*
9:25-9:45	<i>BREAK</i>	
Special Presentation - Introduction by Sean Grady		
9:45-10:15	Development of Rapid Immunization Countermeasures for Pandemics, including SARS-CoV2	Dr. David Weiner
Candidate & Member Presentations Moderator & Co-Moderator: <i>Sepi Hanjani & Jacques Morcos</i>		
10:15-10:25	Pleiotropic MLLT10 variation confers risk of meningioma and estrogen-mediated cancers	Elizabeth Claus
10:25-10:35	Seizure Freedom and Higher Baseline Cognition Are Associated with A Negatively-Correlated Epilepsy Network	Fernando Vale*
10:35-10:45	Enhanced exosomes and microRNA cocktails in the treatment of glioblastoma	Frederick Lang
10:45-10:55	Pain Prediction in Spine Patients using Smartphone Mobility Data, Digital Phenotyping and Neural Networks	Timothy Smith
10:55-11:05	CMV-targeted Dendritic Cell Vaccines in Patients with Glioblastoma: A Clinical Trials Update	John Sampson
11:05-11:15	Relationship Between Hearing Loss and Volumetric Growth Rate in Untreated Vestibular Schwannoma	Douglas Kondziolka
11:15-12:00	<i>BREAK</i>	
Academy Award Winner Presentation - Introduction by Linda Liau		
12:00p-12:15	<i>Title TBA</i>	Academy Award winner (<i>TBA</i>)
Candidate & Member Presentations Moderator & Co-Moderator: <i>Douglas Kondziolka & Shenendoah Robinson</i>		
12:15-12:25	Middle Meningeal Artery Embolization for Chronic Subdural Hematoma: A Multi-Center Experience of 154 Embolizat	Peter Kan
12:25-12:35	Basis profile curve identification to understand electrical stimulation effects in human brain networks	Kai Miller
12:35-12:45	Transcranial ultrasound and harmonic dosing for controlled blood brain barrier opening in infiltrating gliomas	Graeme Woodworth*