

Epilepsy

Friday, October 14 • 8 am to 1 pm

7:45 Registration and Breakfast

8:20 Welcome

Kenneth Kaushansky, MD, Senior Vice President, Health Sciences; Dean, Stony Brook University School of Medicine

Dennis W. Choi, MD, PhD, Director, Stony Brook University Neurosciences Institute;
Professor and Chair, Department of Neurology, Stony Brook Medicine

Moderator: Lorna Role, PhD, Co-Director, Stony Brook University Neurosciences Institute;
Professor and Chair, Department of Neurobiology and Behavior, Stony Brook Medicine

8:35 Keynote Speaker

The Genetic Borderland of Epilepsy: A Novel Gene Mechanism Linking Epilepsy, Migraine and Sudden Death

Jeffrey Noebels, MD, PhD, Cullen Trust for Health Care Endowed Chair in Neurogenetics; Professor of Neurology, Neuroscience, and Molecular and Human Genetics; Director, Developmental Neurogenetics Laboratory; Vice Chair of Research, Neurology Department, Baylor College of Medicine

9:35 *The Endocannabinoid System, Cannabidiol (CBD) and Epilepsy*

Dale Deutsch, PhD, Professor, Department of Biochemistry and Cell Biology, Stony Brook University

10:05 *Clinical Experience in Treating Epilepsy with New York State Medical Marijuana*

Mary Andriola, MD, Professor, Department of Neurology; Director, Division of Child Neurology; Co-Director, Stony Brook Epilepsy Center, Department of Neurology, Stony Brook Medicine

10:35 **Moderator: Ramin Parsey, MD, PhD**, Co-Director, Stony Brook University Neurosciences Institute;

Della Pietra Family Chair in Biomedical Imaging; Professor and Chair, Department of Psychiatry, Stony Brook Medicine

10:40 *Stimulation for Functional Brain Disorders: Current Trends and Emerging Indications*

Chuck Mikell, MD, Assistant Professor, Movement Disorders and Epilepsy Neurosurgeon, Department of Neurosurgery, Stony Brook Medicine

11:10 *Sphingolipid Signaling, Hippocampal Neurogenesis and Epilepsy*

Shaoyu Ge, PhD, Associate Professor, Department of Neurobiology and Behavior, Stony Brook University

11:40 *Neurogenesis: A Biomarker for Epilepsy?*

Louis Manganas, MD, PhD, Assistant Professor, Department of Neurology; Director, Lourie Center for Pediatric Multiple Sclerosis, Stony Brook Medicine

12:10 **Group Discussion**

12:25 Closing Remarks

Raphael Davis, MD, Co-Director, Stony Brook University Neurosciences Institute;
Professor and Chair, Department of Neurosurgery, Stony Brook Medicine

12:30 Poster Session (until 1 pm)

We invite you to visit our poster session at the conclusion of the symposium.