

# 37<sup>TH</sup> ANNUAL J. GARBER GALBRAITH SCIENTIFIC SESSION AND LECTURE AGENDA

- 10:00 – 10:20      **Welcome and Opening Remarks**  
James M. Markert, MD  
Mark R. Harrigan, MD
- 10:20 – 10:30      **Thalamic Disruption Causing Vestibular Dysfunction in Mild Traumatic Brain Injury**  
John W. Amburgy, MD – PGY8
- 10:30 – 10:40      **Efficacy of Osimertinib Against EGFRvIII+ Glioblastoma**  
Gustavo Chagoya, MD – PGY6
- 10:40 – 10:50      **Incidence and Risk Factors for Seizures Associated with Deep Brain Stimulation Surgery**  
Travis J. Atchley, MD – PGY3
- 10:50 – 11:00      **Combined Subtemporal Translabyrinthine Approach to a Ruptured Distal Basilar Perforating Artery Aneurysm**  
Yasaman Alam, MD – PGY2
- 11:00 – 11:10      **Objective and Subjective Outcome Ratings in Endoscopic and Open Sagittal Synostosis Surgery**  
James H. Mooney, MD – PGY4
- 11:10 – 11:20      **Adaptive approach to endovascular management of large vessel occlusion during the COVID-19 pandemic**  
B. Ethan Tabibian, MD – PGY5
- 11:20 – 11:30      **An Assessment of the Efficacy of a Multimodal, Narcotic-Reducing, Postoperative Pain Control Regimen in a Series of Patients Undergoing Endoscopic Transsphenoidal Resection of Pituitary Adenomas with a Focus on Associated Analgesic Cost**  
Lauren E. Rotman, MD – PGY7
- 11:30 – 11:40      **Investigating the Effects of Intra-procedure Mean End Tidal CO<sub>2</sub> on Expansion of Completed Stroke after Anterior Circulation Thrombectomy: A Preliminary Study**  
Arsalaan Salehani, MD – PGY5
- 11:40 -- 11:50      **Related Readmissions Within 30 Days of Discharge from a Pediatric Neurosurgical Service**  
Nicholas M. Laskay, MD – PGY3
- 12:00 -- 12:10      **Stimulation Induced Speech Effects of Deep Brain Stimulation in Parkinson's Disease and Essential Tremor**  
Galal A. Elsayed, MD – PGY6
- 12:10 -- 12:20      **Predictive modeling of brain tumor laser ablation dynamics**  
Anil K. Mahavadi, MD – PGY1

12:20 -- 1:30	<b>Lunch</b>
1:30 -- 1:40	<b>The Chromatin Remodeling BAF Complex as a Target of Ethanol Teratogenesis</b> Sasha G. Howell, MD – PGY1
1:40 – 1:50	<b>The Reliability of the Hannover Classification System for Acoustic Schwannoma</b> Nicholas J. Erickson, MD – PGY4
1:50 – 2:00	<b>Helicobacter Pylori Antimicrobial Resistance and Antibiotic Consumption in the Low-Resource Central America Setting</b> Dagoberto Estevez-Ordonez, MD – PGY3
2:00 – 2:10	<b>Decoding Memory Engrams from the Limbic Thalamocortical Network – A First-in-man Study</b> Adeel Ilyas, MD – PGY4
2:10 – 2:20	<b>Differences in Outcomes of Mandatory Motorcycle Helmet Legislation by Country-Income Level: A Systematic Review and Meta-analysis</b> Jacob R. Lepard, MD – PGY7
2:20 – 2:30	<b>Radiation-Induced Cataracts in Children with Brain Tumors Receiving Craniospinal Irradiation (CSI)</b> Benjamin W. Saccomano, MD – PGY2
2:30 – 2:40	<b>The One Health Consortium: Safety and Interim survival Data after Intracranial Administration of M032, a Genetically Engineered Oncolytic HSV-1 Expressing IL-12, in Dogs with Sporadic Glial Tumors</b> Nidal B. Omar, MD – PGY6
2:40 – 2:50	<b>Efficacy and Outcomes after Thrombectomy for Proximal and Distal M1 Occlusions</b> Matthew S. Parr, MD – PGY2
2:50 – 4:00	Break
4:00 – 5:00	<b>Galbraith Lecture</b> <b>“Brain Tumor Immunology &amp; Immunotherapy”</b>  <b>Linda Liau, M.D., Ph.D., M.B.A</b> <b>Professor and W. Eugene Stern Chair,</b> <b>Neurosurgery Department</b> <b>Director, UCLA Brain Tumor Spore</b> <b>David Geffen School of Medicine at UCLA</b>

5:00 – 5:30

Closing Comments and Presentation of Certificates