



# Stanford University School of Medicine

## 11<sup>th</sup> Annual Neuroscience Forum

### Agenda



**Date of Event:** Friday, May 17, 2024 (7am – 2pm)

**Participants:** Neurology, Neurosurgery, Neuropathology, Psychiatry, Stanford Neurosciences Institute, Basic Neurosciences, Medical Students, Residents, Fellows & Post Docs

**Location:** Center for Academic Medicine (CAM) Grand Rounds Room (Rm.125) + Courtyard

<b>Breakfast Reception (7:00am)</b> <b>Opening Remarks &amp; Welcome of Honored Guests (7:15am)</b> <b>Speakers (7:30am – 9:00am)</b>	<b>Continued</b>
<p><b>Yuhao (Danny) Huang, MD</b> Naturalistic Acute Pain States Decoded from Neural and Facial Dynamics</p> <p>•</p> <p><b>Ronda Lun, MD MSc FRCPC</b> Circadian Rhythm Influences on Ischemic Core and Penumbra Volumes in Pediatric and Early Adult Populations – A Nationwide Cohort of 2492 CT Perfusion Scans</p> <p>•</p> <p><b>Solomiia Savchuk, BS, MS</b> Neuronal-Activity Dependent Mechanisms of Small Cell Lung Cancer Pathogenesis</p> <p>•</p> <p><b>Lisa N. Cruz, PhD</b> Fronto-Medial White Matter Integrity in Veterans with PTSD and Without PTSD</p> <p>•</p> <p><b>Hillary Vossler</b> Understanding Regional Amyloid-<math>\beta</math> Burden in Lewy Body Disease and its Impact on Cognitive Function</p> <p>•</p> <p><b>Amira Latif-Hernandez, PhD</b> Activity-Dependent Synaptic and Microglial Transcriptomic Alterations in a Late-Stage Alzheimer’s Mouse Model are Normalized by a TRKB and TRKC Partial Agonist</p> <p>•</p> <p><b>Sina Sadeghzadeh, AB</b> sEEG-Guided Responsive Neurostimulation to Treat Neocortical Epilepsy: A Multicenter Retrospective Study of Efficacy and Safety of Depth-Electrode Mediated Neuromodulation</p> <p>•</p> <p><b>Araika Ramchandran (Harris Intern)</b> Glioblastoma: A Snapshot into Symptoms and Potential Future Treatments</p>	<p><b>Ella Eastin</b> Evaluating Long-Term Autonomic Dysfunction and Functional Impacts of Post-Acute Sequelae of SARS-CoV-2 (PASC): A Follow-Up Study</p> <p>•</p> <p><b>Alena Smith</b> Diagnostic Accuracy of Plasma Biomarkers pTau181 and pTau217 in Detecting Amyloid Co-pathology in Lewy Body Disease</p> <p>•</p> <p><b>Dr. rer. nat. Umair Hassan</b> Effects of Transcranial Magnetic Stimulation on the Human Brain Recorded with Intracranial Electroencephalography</p> <p>•</p> <p><b>Sophie Rengarajan, MD, PhD</b> Single-nucleus Transcriptomic Characterization of Muscle in Spinal Muscular Atrophy</p> <p>•</p> <p><b>Wendy Qi, BS</b> Connectivity During Language Processing Differs in Self-Limited Epilepsy with Centrottemporal Spikes and is Associated with Phonological Awareness</p> <p>•</p> <p><b>Ezra Tilahun Yoseph</b> Precision in Spine Surgery: Impact of Computer-Assisted Navigation in Medicare and Commercially Insured Patients</p>
<p><b>Break (9:00am – 9:15am)</b> <b>Speakers (9:15am – 10:45am)</b></p>	<p><b>Break (10:45am- 11:00am)</b> <b>Keynote Speaker (11:00am-12:00pm)</b></p>
<p><b>Xiwei She, PhD</b> Repetitive Transcranial Magnetic Stimulation Modulates Brain Connectivity in Children with Self-limited Epilepsy with Centrottemporal Spikes</p> <p>•</p> <p><b>Daniel Panyard, PhD</b> Multiomic Investigation of Alzheimer’s GWAS Locus Implicates Changes in GPX3 Levels</p>	<div data-bbox="1366 1883 1624 2141" data-label="Image"></div> <p><b>Keynote Speaker</b> <b>Sergiu P. Pasca, MD, PhD</b> Kenneth T. Norris, Jr. Professor   <a href="#">Lab</a> B. Uytensu &amp; Family Director   <a href="#">SHBO</a> Stanford University</p>
	<p><b>Luncheon Reception (12:00pm- 1:00pm)</b> <b>Poster Presentations (1:00pm-2:00pm)</b></p>

**Thanks:**

- **Michael Lim, MD, Professor and Chair, Department of Neurosurgery, Professor, by courtesy, Medicine (Oncology), of Neurology, of Otolaryngology, and of Radiation Oncology**
- **Antonio Omuro, MD, FAAN, Chair, Department of Neurology and Neurological Sciences**
- **Review Committee:**
  - **Gordon Li, MD, Professor of Neurosurgery and, by Courtesy, of Neurology and of Otolaryngology, Head & Neck Surgery (OHNS)**
  - **Michael Zhang, MD, Neurosurgery, Sutter Roseville, Stanford School of Medicine**
  - **Amit Persad, MD, Neurosurgical Neuro-Oncology and Stereotactic, Radiosurgery, GME Fellow**

