

Friday, April 13, 2018

2231 Weiskotten Hall

sponsored by

Department of Neurosurgery  
SUNY Upstate Medical University

# Neuro Research Day

7:00am **Breakfast Buffet**

7:25am **Welcome, Opening Remarks** - Daniel Ts'o

7:30am Michelle DeWitt (Neurosurgery) - *Traumatic Brain Injury*

7:45am Stephanie Zyck (Neurosurgery) - *Hydrocephalus Development after Intraventricular Hemorrhage*

8:00am Tim Beutler (Neurosurgery) - *Update on the management of cerebral edema in acute stroke*

8:15am Xuecheng Qiu (Zhao Lab) - *Can a TBI-damaged brain be repaired in the chronic phase? The therapeutic efficacy of hematopoietic growth factors in chronic TBI recovery*

8:30am Suning Ping (Zhao Lab) - *VEGF-mediated angiogenesis: the key mechanism underlying stem cell factor and granulocyte-colony stimulating factor-enhanced brain repair in a transgenic mouse model of CADASIL*

8:45am Ali Hazama (Neurosurgery) - *Gamma Knife Radiosurgery Vs Surgical Resection as Treatment for Metastatic Brain Lesions >4cc in Volume*

9:00am Hans Salamanca (Anesthesiology) - *Dissecting the Molecular Hallmarks of Brain Tumors*

9:15am Mariano Viapiano (Neurosurgery/Neuroscience/Pathology) - *Novel immunotherapies against the microenvironment of malignant brain tumors*

9:30am **Break**

9:40am Satish Krishnamurthy (Neurosurgery) - *Perivascular stasis with delayed macromolecular transport out of the ventricle in POMGNT1 mouse model of hydrocephalus*

9:55am Duemani Reddy (Neurosurgery) - *Alterations in basal ganglia neural circuitry through deep brain stimulation*

**Josef Rauschecker, Ph.D**, Professor of Neuroscience, Physiology and Biophysics

10:10am Georgetown University School of Medicine - ***Effects of Sensory Deprivation on the Brain: Plasticity in Early Blindness and Chronic Tinnitus***

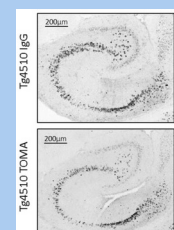
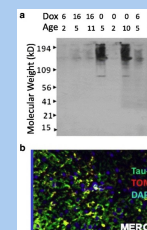
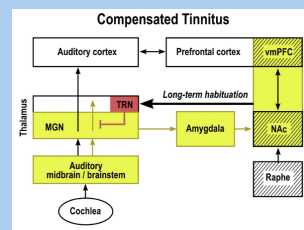
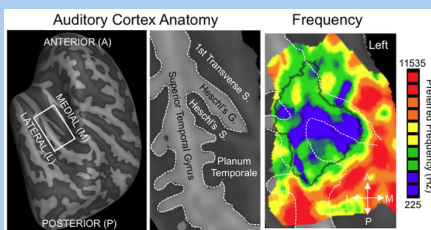
11:10am **Break**

**David Morgan, PhD**, Professor of Translational Sciences and Molecular Medicine,

11:20am Michigan State University - ***Innate Immune Activation and Alzheimer's Pathology in Mouse Models***

12:20pm **Concluding Remarks**

12:30pm **Lunch Buffet** (in the Setnor Atrium)



We thank the Jacobsen Family for helping make this event possible.

For information call 315-464-5787 or email [info@tsolab.org](mailto:info@tsolab.org)