

WAYNE STATE UNIVERSITY SCHOOL OF MEDICINE GRAND ROUNDS

Department of Neurology 8D UHC, February 2013

NEUROLOGY GRAND ROUNDS SCHEDULE IS AVAILABLE AT: <http://events.wayne.edu/neurology>.

8:30 am – 10:00am, Lecture

**PLEASE NOTE: NEW LECTURE LOCATION FOR THE YEAR “KRESGE AUDITORIUM”**

February 1, 2013

**Murali Guthikonda, MD, FACS**  
L. Murray Thomas Professor  
Chairman and Program Director  
Department of Neurological Surgery  
Detroit Medical Center  
Detroit, MI

**TOPIC:** *“Current Trends in Cranial Neurosurgery”*

**OBJECTIVE:** 1. Identify the indications for intracranial endoscopy. 2. Evaluate specific techniques available for intracranial endoscopy. 3. Discuss strategies for avoiding complications in intracranial endoscopy.

**SUPPORT:** *No Commercial Support*

**LOCATION:** *Harper University Hospital –Kresge Auditorium*

February 8, 2013

**Jaideep Kapur, MD, PhD**  
Eugene Meyer III Professor of Neuroscience  
Professor of Neurology Interim Director  
Neuroscience Center of Excellence  
University of Virginia Health Systems  
Charlottesville, VA

**TOPIC:** *“Status Epilepticus: From Mechanisms to Therapies”*

**OBJECTIVE:** 1. Review the Epidemiology and pathophysiology of status epilepticus. 2. Review current treatment options for status epilepticus. 3. Discuss potential clinical trials to compare the efficacy of second line agents.

**SUPPORT:** *No Commercial Support*

**LOCATION:** *Harper University Hospital - Kresge Auditorium*

February 15, 2013

**Senthil Sundaram, PhD**  
Assistant Professor of Neurology  
Department of Pediatric Neurology  
Wayne State University School of Medicine  
Detroit, MI

**TOPIC:** *“Genomics of Infantile Spasms”*

**OBJECTIVE:** 1. To illustrate the importance of genomic deletions and duplications in infantile spasms. 2. To demonstrate the usefulness of FDG-PET and gene expression in guiding exome sequencing studies in infantile spasms. 3. To show the importance of inflammation in infantile spasms.

**SUPPORT:** *No Commercial Support*

**LOCATION:** *Harper University Hospital –Kresge Auditorium*

February 22, 2013

**Jed Hartings, PhD**  
Associate Professor  
Department of Neurosurgery  
University of Cincinnati College of Medicine  
Cincinnati, OH

**TOPIC:** *“Tsunamis in the Brain: Spreading Depolarizations as a Novel Culprit in Acute Brain Injury”*

**OBJECTIVE:** 1. Explain the terms ‘spreading depolarization’ and ‘cortical spreading depression.’ 2. Describe how spreading depolarization’s are monitored in the human brain. 3. Describe the incidence of spreading depolarization in clinical brain trauma and stroke. 4. Describe the evidence that spreading depolarization’s cause secondary injury.

**SUPPORT:** *No Commercial Support*

**LOCATION:** *Harper University Hospital –Kresge Auditorium*

Target Audience: Neurologists, Neurosurgeons, Neuroradiologists, Pediatricians, Psychiatrists, WSU/DMC Practicing Physicians, WSU/DMC Faculty, Fellows, House Officer, Medical Students, Nursing Staff, and Allied Health. The Wayne State University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Wayne State University School of Medicine designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity