

AGENDA

FRIDAY, NOVEMBER 30, 2018

- 4:00 – 6:00PM Exhibitor Set-Up
- 4:00 – 7:30PM Attendee Registration
- 6:00 – 7:30PM Opening Cocktail Reception in the Exhibit Hall

SATURDAY, DECEMBER 1, 2018

- 7:00 – 8:30AM Registration, Exhibits Viewing, & Breakfast
- 7:45AM – 7:50AM Welcome & Opening Remarks
Michael Lynn, MD
- 7:50 – 8:10AM *Surgical Epilepsy: Cerebral Responsive Neurostimulation*
William Vandergrift, MD
- 8:10 – 8:15AM Questions & Answers
- 8:15 - 8:35AM *Surgery for Cystic Pineal Neoplasms: Initial Clinical and Radiographic Results*
Steve Lowe, MD
- 8:35 – 8:40AM Questions & Answers
- 8:40 – 8:55AM *Multifunctional nanocarriers for combinatorial therapy of drug and therapeutic nucleic acids*
Jeungsoo Lee, PhD

Objectives:

- Describe the characteristics of amphiphilic block copolymers that allow them to form polymeric micelles and make them suitable nanocarriers for combinatorial drug and therapeutic nucleic acid (TNA) delivery.
- Describe the effects of post-injury RhoA knockdown and cAMP restoration on neuronal survival and axonal sparing in animal SCI models.
- Describe the combinatorial therapy of drug and therapeutic nucleic acid for intramedullary spinal cord tumor (SCT) and Glioblastoma

- 8:55 – 9:00AM Questions & Answers
- 9:00 – 9:45AM *Highlights of the Connectome Thus far*
Michael Sughrue, MD

Objectives:

- To become familiar with connectomic brain imaging
- To become familiar with the key clinically relevant findings of the human connectome mapping efforts thus far

- 9:46 – 9:50AM Questions & Answers
- 9:50 - 10:20AM Break & Exhibit Viewing

10:20 - 11:05AM *Connectomes: Protecting them, modeling them, rebuilding them*
Michael Sughrue, MD

Objectives:

- To understand safe surgical maneuvers to protect the integrity of human brain networks
- To understand emerging ideas in connectome science and their exciting applications.

11:05 – 11:10AM Questions & Answers

11:10 - 11:30PM *High Risk Spine Protocol: How to Reduce Intra-Op and Post-op Medical and Surgical Complications*
Steve Kalthorn, MD

Objectives:

- Explain what ideal intra-op blood pressure goals are.
- Delineate transfusion parameters.

11:30 – 11:35AM Questions & Answers

11:35 – 11:50AM *The 3D-PREDICT Clinical Study: Predicting Patient-Specific Drug Response For Glioblastoma Patients Using Ex Vivo 3D Culture*
Matthew Gevaert, PhD

11:50 – 11:55AM Questions & Answers

11:55 – 12:00PM Daily Wrap-Up & Adjourn

12:30PM 1st Annual SCANS Golf Tournament on The Ocean Course

6:30 – 9:30PM Dinner Party & Oyster Roast at Mingo Point

SUNDAY, DECEMBER 2, 2018

7:00 – 8:30AM Registration, Exhibits Viewing, & Breakfast

7:45 – 8:05AM *Surgical Management of Intracerebral Hemorrhage: A Change is Coming*
Charlie Andrews, MD

8:05 – 8:10AM Questions & Answers

8:10 – 8:55AM *Closed Loop Deep Brain Stimulation: The next generation of DBS*
Kelly Foote, MD

8:55 – 9:00AM Questions & Answers

9:00 – 9:20AM *Advances In Minimally Invasive Treatments of Cerebrovascular Disease*
Mohammad Imran Chaudry, MD

9:20 – 9:25AM Questions & Answers

9:25 - 9:55AM Break & Exhibit Viewing

9:55 - 10:40AM *Deep Brain Stimulation Failure*
Kelly Foote, MD

10:40 – 10:45AM Questions & Answers

10:45 – 12:08PM	<p>Resident Abstract Presentations (8 minute presentations)</p> <p><i>Multifunctional Nanotherapeutics for Traumatic Brain Injury Repair</i> Christian Macks</p> <p><i>Treatment of Lumbar Adjacent Segment Disease (ASD) with Lateral Lumbar Interbody Fusion</i> Zachary S Hubbard, MD, MPH</p> <p><i>Post-hemorrhagic Hydrocephalus and Aggressive Ommaya Tapping to Reduce Permanent CSF Diversion</i> Thomas Larrew, MD</p> <p><i>Management of Malignant Meningiomas using Cyclin-Dependent Kinase Inhibitors: Laboratory Investigation</i> Jaime Martinez Santos, MD</p> <p><i>Endoscopic Transforaminal Decompression for Metastatic Epidural Spinal Cord Compression (MESCC)</i> Fraser Henderson Jr., MD</p> <p><i>Minimally Invasive Spine Surgery in Metastatic Epidural Spinal Cord Compression: A retrospective analysis</i> Mohammed Alshareef, MD</p> <p><i>The Use of Intraoperative Ultrasonography in Transsphenoidal Pituitary Surgery: A Case Series</i> Stephen Lowe, MD</p> <p><i>Pediatric Cranial Fasciitis: Case Report and a Systematic Review of the Literature</i> Gibson Klapthor</p> <p><i>Cement-Augmented Fenestrated Pedicle Screw Fixation: A Review of 99 Cases</i> Guilherme B.F. Porto, MD</p> <p><i>Sinonasal Undifferentiated Carcinoma with Metastasis to the Extradural Spine</i> Samuel Jones</p>
12:08 – 12:20PM	Resident Abstracts Questions & Answers
12:20 – 12:30PM	Conference Wrap-Up & Adjourn

ACCREDITATION STATEMENT:

The Southern Alliance for Physician Specialties CME is accredited by the Medical Association of Georgia to provide continuing medical education for physicians.

The Southern Alliance for Physician Specialties CME designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.