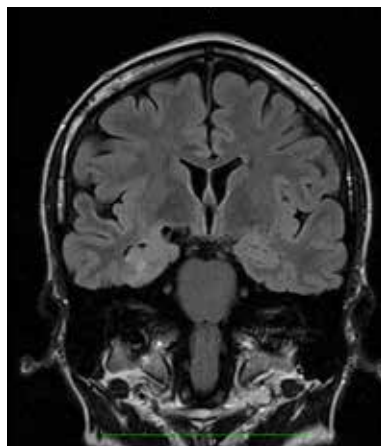
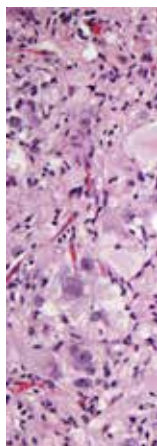


1st North American Workshop on Neuropathology and Epilepsy Surgery

April 27-30, 2017
Tudor Arms DoubleTree Hotel
10660 Carnegie Ave
Cleveland, OH



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Workshop Description

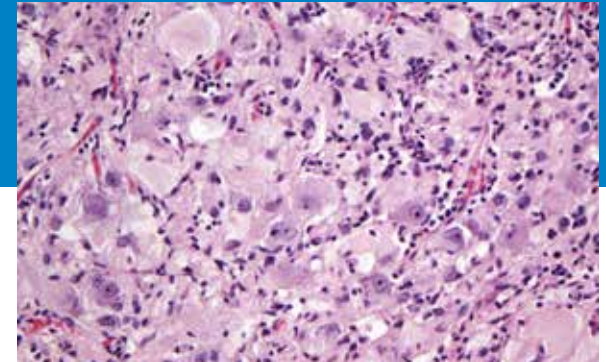
Reliable neuropathological work-up of epilepsy-associated brain lesions represents an important diagnostic value for the surgical management of patients with pharmacoresistant epilepsy. The international classification of epilepsies recognizes a large spectrum of neuropathologic substrates as potential predictors of disease progression and treatment response. **The 1st North American Workshop on Neuropathology and Epilepsy Surgery** was designed to enable participants to better recognize and classify various histopathological substrates of pharmacoresistant epilepsy. The workshop has been held in Germany, Brazil and China since 2013, with the endorsement of the International League Against Epilepsy (ILAE). Topics related to the diagnosis and treatment of human focal epilepsies will be presented by internationally renowned faculty. Advanced hands-on histopathology training will be offered in small groups led by distinguished tutors who will review and discuss microscopy slides of selected cases with different staining protocols. Participants will also have the opportunity to present their own cases for discussion with the entire group.

Learning Objectives

1. Discuss diagnostic evaluation of surgical specimens, with particular emphasis on mesial temporal lobe epilepsy with hippocampal sclerosis, epilepsy-associated tumors, malformations of cortical development, focal cortical dysplasia, vascular malformations, and encephalitis.
2. Disseminate new and upcoming clinico-pathologic classification systems among the neuro-/pathology communities and to validate existing and up-coming consensus classification systems by a larger cohort of practicing neuro-/pathologists.
3. Recognize and classify various histopathological substrates of pharmacoresistant epilepsy.

Target Audience

Neurologists and Pathologists



Faculty

Workshop Directors

Ingmar Blümcke, MD
Cleveland Clinic Epilepsy Center

Imad Najm, MD
Cleveland Clinic Epilepsy Center

Guest Faculty/Tutors

Jorge Gonzalez-Martinez, MD, PhD
Cleveland Clinic Epilepsy Center

Lara Jehi, MD
Cleveland Clinic Epilepsy Center

Stephen Jones, MD, PhD
Cleveland Clinic Epilepsy Center

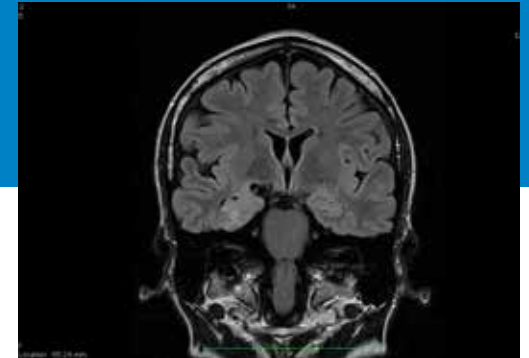
Arie Perry, MD
University of California - San Francisco

Harvey Sarnat, MD
University of Calgary

Maria Thom, MD
University College London

Christopher Walsh, MD, PhD
Harvard Medical School

1st North American Workshop on Neuropathology and Epilepsy Surgery



Agenda

Thursday, April 27 (Day 1)

12.00-12.30	Registration
12.30-13.30	Opening Lecture: Pathology-based Approach in the Presurgical Evaluation of Pharmacoresistant Epilepsy <i>Imad Najm (Cleveland)</i>
13.30-14.30	The Neuropathology Work-up of Epilepsy Surgery Brain Specimens <i>Ingmar Blümcke (Cleveland)</i>
14.30-15.00	Coffee break
15.00-17.00	Microscopy Workshop 1 Group 1: Multihead microscope – <i>Maria Thom</i> Group 2: Projecting microscope – <i>Ingmar Blümcke</i> Group 3: Binocular microscopy session – <i>Harvey Sarnat</i>
17.00-18.00	Keynote Lecture: Genetics in Malformations of Cortical Development – <i>Christopher Walsh (Boston)</i>
18.00-20.00	Welcome Reception

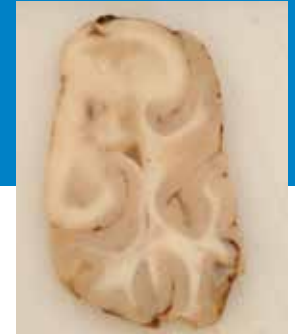
Time will be allotted for questions and answers during each lecture.

Friday, April 28 (Day 2)

8.00-9.00	Malformations of Cortical Development: Neurodevelopmental Basis and Basics – <i>Harvey Sarnat (Calgary)</i>
9.00-10.00	International Consensus Classification of Focal Cortical Dysplasia <i>Ingmar Blümcke (Cleveland)</i>
10.00-10.30	Coffee break
10.30-11.30	Case Discussion <i>All attendees will be asked to present surgical cases for discussion with faculty.</i>
11.30-13.00	Lunch break
13.00-16.00	Microscopy Workshop 2 Group 2: Multihead microscope – <i>Maria Thom</i> Group 3: Projecting microscope – <i>Ingmar Blümcke</i> Group 1: Binocular microscopy session – <i>Harvey Sarnat</i>
16.00-17.00	Low-grade Epilepsy-associated Neuroepithelial Tumors (LEAT) <i>Maria Thom (London)</i>
17.00-18.00	Keynote Lecture: What's New in the 2016 Classification of Brain Tumors – <i>Arie Perry (San Francisco)</i>

Time will be allotted for questions and answers during each lecture.

1st North American Workshop on Neuropathology and Epilepsy Surgery



Saturday, April 29 (Day 3)

8.00-9.00	MRI in Focal Epilepsies: Beyond Structural Brain Imaging <i>Stephen Jones (Cleveland)</i>
9.00-10.00	Principles of Epilepsy Surgery: Current Approach and Future Direction – <i>Jorge Gonzalez-Martinez (Cleveland)</i>
10.00-10.30	Coffee break
10.30-11.30	Temporal Lobe Epilepsy with Hippocampal Sclerosis <i>Maria Thom (London)</i>
11.30-12.30	General Discussion with Workshop Faculty
12.30-14.00	Lunch break
14.00-17.00	Microscopy Workshop 3 Group 3: Multihead microscope – <i>Maria Thom</i> Group 1: Projecting microscope – <i>Ingmar Blümcke</i> Group 2: Binocular microscopy session – <i>Harvey Sarnat</i>
17.00-18.00	Case Discussion <i>All attendees will be asked to present surgical cases for discussion with faculty.</i>

Time will be allotted for questions and answers during each lecture.

Sunday, April 30 (Day 4)

8.00-9.00	Short- and Long-term Seizure Control After Epilepsy Surgery <i>Lara Jehi (Cleveland)</i>
9.00-10.00	Neuropathology Challenges in Epilepsy Surgery: From Bedside to Bench <i>Ingmar Blümcke (Erlangen)</i>
10.00-10.30	Coffee break
10.30-12.30	Microscopy Workshop 4 All groups: Collaborative virtual microscopy platform
12.30	Lunch and Farewell

Time will be allotted for questions and answers during each lecture.

1st North American Workshop on Neuropathology and Epilepsy Surgery



General Information

Location

Tudor Arms Double Tree Hotel
10660 Carnegie Ave
Cleveland, Ohio, 44106
Phone: 216.455.1260

Hotel Accommodations

A block of rooms has been reserved at Tudor Arms Double Tree Hotel until **March 27, 2017**. To make your reservations, contact the Hotel Reservations Department at 216.455.1260. Please identify yourself as being with the Cleveland Clinic NeuroPathology course, for the special rate of \$149 plus 16.5% tax.

Registration and Cancellation

To register, visit www.ccfcmec.org/NeuroPathology17. Preregistrations are accepted until 5:00 pm ET **April 24, 2017 or until the workshop reaches capacity**. In case of cancellation, a full refund will be made if canceled by April 15. After April 15, 2017, a \$100 cancellation fee will be deducted from your refund. Written notification of your cancellation is required to process your refund.

NO REFUNDS WILL BE ISSUED AFTER April 15, 2017.

- ☐ Physicians and PhDs: \$795.00
- ☐ Residents and Fellows: \$395.00

Parking

Valet Parking available at the hotel for a daily fee of \$12. Overnight parking additional based on hotel rates.

Scholarships

ILAE offers a small number of scholarships for participants from low-income countries. To be considered, please contact Martha Tobin at tobinm@ccf.org.

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 25.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval. Nurses are able to obtain CE that has been approved or provided by a nationally recognized accreditation system of continuing education.

Examples include:

- The American Nurses Credentialing Center (ANCC)
- The Accreditation Council for Continuing Medical Education (ACCME)
- The International Association for Continuing Education and Training (IACET)

Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Shana Spade at 216.444.9380 at least two weeks prior to the activity.