



TOP 25

WORLDWIDE

13th ILAE
School for **Neuropathology**
and **Epilepsy Surgery**

INES 2023 VIENNA

August 24-26, 2023

Medical University Vienna,
Allgemeines Krankenhaus (AKH)
Währinger Gürtel 18-20
1090 Vienna

**Lectures and hands-on in Epilepsy Surgery,
Neuropathology and Neuroanatomy**

Learning Objectives:

Demonstrate working knowledge of etiologies for focal and generalized epilepsy pathologies and surgical indications and approaches in children and adults (Level 1-3)

Course Directors

Karl Rössler / Ingmar Blümcke / Christian Dorfer

Organization

Fabian Winter

For more information, please contact

Lisa Gäcklein: lisa.gaecklein@meduniwien.ac.at Tel.: +43 1 40400 45650

Workshop Description

Surgical management of drug-resistant focal epilepsy represents a successful treatment option in carefully selected patients. It is therefore of utmost importance to identify patients amenable to epilepsy surgery early enough during the disease course and submit to a pre-surgical evaluation. The **13th ILAE School for Neuropathology and Epilepsy Surgery** is designed to enable participants to better recognize and classify various lesional substrates of drug-resistant epilepsy. Advanced hands-on surgical training will be provided in small groups under the guidance of distinguished tutors who will give practical demonstrations on macro- and microscopic brain specimens.

Participants will also have the opportunity to perform surgical approaches on cadavers and diagnose histopathological cases under the microscope. The workshop has been held in Germany, Brazil, USA, and China since 2013, with a focus on histopathology and the endorsement of the International League Against Epilepsy (ILAE).

Learning Objectives of the ILAE curriculum

- 1.1.2 Describe the common structural etiologies (hippocampal sclerosis, brain tumours, cortical malformations, vascular lesions);
- 4.1 Demonstrate working knowledge of indications for pre-surgical evaluation;
- 4.2 Describe the importance of early surgical intervention regarding neuro-developmental, cognitive, behavioral and social integration aspects;
- 4.4 Demonstrate working knowledge of etiologies amenable to surgical treatment and their prognosis in all age groups

Target Audience

Neurosurgeons, Neuro-/Pathologists, Epileptologists & Neurologists, Neuroimagers and Basic Researchers

Course Faculty

Universitätsklinikum Erlangen, Germany

Neuropathological Institute:

Ingmar Blümcke

Katja Kobow

Neurosurgery Clinic:

Stefan Rampp

Evangelisches Klinikum Bethel Bielefeld, Germany

Neurosurgery Clinic:

Thilo Kalbhenn

Universitätsklinikum AKH Wien, Austria

Department of Neurosurgery:

Thomas Czech

Christian Dorfer

Klaus Novak

Karl Rössler

Department of Pediatric and Adolescent Medicine:

Martha Feucht

Department of Neurology / Neuropathology & Neurochemistry:

Ellen Gelpi-Mantius

Romana Höftberger

Department of Biomedical Imaging and Image-guided Therapy:

Gregor Kaspran

Klinik Hietzing Wien, Austria

Department of Neurology:

Christoph Baumgartner

University of Gothenburg, Sweden

Department of Neuroscience:

Bertil Rydenhag

University of Campinas, Brazil

Department of Neurology:

Enrico Ghizoni

Course Secretary: Lisa Gäcklein

Preliminary Program

Thursday: 1:00pm – 5:00pm

- **Principles in epilepsy diagnosis & treatment**
Christoph Baumgartner, 20 min
- **Structural and functional neuroimaging for epilepsy**
Gregor Kasprian, 20 min
- **Histopathological findings in brain tissue obtained from epilepsy surgery**
Ingmar Blümcke, 20 min

Coffee break 30 min

- **Principles in epilepsy surgery**
Bertil Rydenhag, 20 min
- **Epilepsy surgery of the temporal lobe**
Enrico Ghizoni, 20 min
- **Minimal invasive techniques in epilepsy surgery**
Karl Rössler, 20 min
- **Brain dissection and microscopy training course (hands-on training groups)**

Friday: 9:00am – 5:00pm

- **Role of MEG for presurgical investigation in epilepsy**
Stefan Rampp, 20 min
- **Focal cortical dysplasia and LEATs**
Ingmar Blümcke, 20 min
- **Epilepsy surgical strategies for LEATs and FCDs**
Thilo Kalbhenn, 20 min

Coffee break 30 min

- **Holo-Hemispheric pathologies and autoimmunencephalitis**
Romana Höftberger & Ellen Gelpi-Mantius, 20 min
- **Disconnective procedures in epilepsy surgery**
Christian Dorfer, 20 min
- **Stimulation procedures for intractable epilepsy**
Klaus Novak, 20 min

Lunch at the AKH Mensa

- **Brain dissection and microscopy training course (hands-on training groups)**
- **Case presentations**

Saturday: 10:00am – 4:00pm

- **Hippocampal Sclerosis**
Ingmar Blümcke, 20 min
- **Childhood epilepsy and indications for surgery**
Martha Feucht, , 20 min
- **Epilepsy surgery of the insula**
Thilo Kalbhenn, 20 min
- **Awake surgery techniques for eloquent brain areas**
Thomas Czech, 20 min

Lunch Buffet at the Lecture hall area

- **Brain dissection and microscopy training course (hands-on training groups)**



PRECISIS



Medtronic

Registration

In order to secure your spot in the course, we highly recommend applying as early as possible as the number of participants is limited to 24. On-site registration is not possible.

Applications must be received by **May 1st 2023** and should include a short CV and a brief description of your current clinical practice and experience in the field of neuropathology and epilepsy surgery.

Please also indicate your level of experience in neurosurgery:
A – experienced, **B** – beginner, **C** – non-experienced.

Please send your application by E-Mail to Prof. Karl Rössler:
karl.roessler@meduniwien.ac.at.

Selected participants will be notified no later than **July 31st 2023** and will receive all further instructions regarding full registration and payment.

Registration fee: € 400

The registration fee includes participation in the course, as well as lunch and beverages during the 3-day-course, excluding travel and accommodation costs.



Join us in Vienna



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