



ILAE course: 14th International Summer School for Neuropathology and Epilepsy Surgery

INES 2024

September 19-22, 2024
University Hospital, Erlangen
Krankenhausstr. 12

Course Directors:

Ingmar Blümcke & Roland Coras (Erlangen)

For more information, please contact:

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Universitätsklinikum
Erlangen



Workshop Description

Reliable neuropathological work-up of epilepsy-associated brain lesions represents an important diagnostic value for the surgical management of patients with drug-resistant focal epilepsy. The international classification of epilepsies recognizes a large spectrum of brain lesions as potential predictors of disease progression and treatment response. The **14th International Summer School for Neuropathology and Epilepsy Surgery** is designed to enable participants to better recognize and classify various histopathological substrates of drug-resistant epilepsy. 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. The workshop has been held in Germany, Brazil, USA and China since 2013, with the endorsement of the International League Against Epilepsy (ILAE) and the ERN EpiCare.

Learning Objectives of the ILAE curriculum*

- 1.1.1 Demonstrate working knowledge of etiologies for focal and generalized epilepsies in children and adults (Level 1-3) with particular emphasis on hippocampal sclerosis, glio-neuronal brain tumors and malformations of cortical development (see also 1.1.2, 1.1.4 and 1.1.6)
- 4.1 Demonstrate working knowledge of indications for pre-surgical evaluation (Level 1-3)
- 4.7 Demonstrate the value and need for multidisciplinary teamwork

* Blumcke et al. Epileptic Disord 2019; 21(2):129-40

Target Audience

Neuro-/Pathologists, Epileptologists, Neurosurgeons & Neurologists, Neuroimager and Basic Researcher

Course Faculty

Eleonora Aronica (Amsterdam)

Dong Zhou (Chendgu)

Ingmar Blümcke (Erlangen)

Roland Coras (Erlangen)

Enrico Ghizoni (Campinas)

Katja Kobow (Erlangen)

Fernando Cendes (Campinas)

Stefan Rampp (Erlangen)

Maria Thom (London)

Imad Najm (Cleveland)

Homa Adle-Biasette (Paris)

Hajo Hamer (Erlangen)

Thilo Kalbhenn (Bethel)

Karl Rössler (Vienna)

Jinmei Lie (Chengdu)

Christian Dorfer (Vienna)

Angelika Mühlebner-Farngruber (Utrecht)

Neuropathology Course Secretariat
Inga.Borrmann@uk-erlangen.de

Preliminary Program

Thursday: 9.00h – 12.00h

- Joint ILAE/EpiCare Task Force meeting (per invitation only)

Thursday: 12.00h – 17.00h

- Opening lecture: Principles in epilepsy diagnosis & treatment (I. Najm)
- Structural and functional neuroimaging (S. Rampp)
- Epilepsy surgery techniques (K. Rössler)
- Neuropathology findings in epilepsy surgery (A. Mühlebner)
- **Welcome reception**

Friday: 9.00h – 18.00h

- Focal Cortical Dysplasia (I. Blümcke)
- Brain dissection and microscopy training course in small groups with our faculty
- Epilepsy-associated brain tumours (E. Aronica)
- Brain dissection and microscopy training in small groups with our faculty
- **Social dinner** at “Alter Simpl”

Saturday: 9.00h – 18.00h

- Hippocampal Sclerosis (M. Thom)
- Microscopy training in small groups with our faculty
- Innovative human brain tissue research (K. Kobow)
- Microscopy training in small groups with our faculty

Sunday: 9.00h – 14.00h

- Case discussion all participants with faculty
- **Farewell**



Registration

Please register in advance as room will be limited to 50 participants. No on-site registration available. Applications must be received by **April 1st 2024**. We urge that you apply as soon as possible to reserve your spot and avoid disappointment.

Applications should include a brief description of your current clinical practice and experience in the field of neuropathology and epilepsy surgery and a short CV.

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

Please send your application to: **bluemcke@uk-erlangen.de**.

Selected participants will be informed no later than 40 working days from the application deadline, and will receive all further instructions regarding payment and full registration.

Registration fee: €400

This fee covers lunch (FRI and SAT) and beverages during the 4-days course, a welcome reception and social dinner, as well as online access to the INES 2024 booklet. Registration fees exclude accommodation, airfares and other travel to/in/from Erlangen.

Travel bursaries are available to participants from low or middle income countries. Please contact us for further information.



12th INES in 2023, Campinas, Brazil

see you in Erlangen in 2024



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