



ILAE course:
16th International Summer
School for **Neuropathology**
and **Epilepsy Surgery**

INES 2026

September 10-13, 2026
Lecture Hall Building
University Hospital, Erlangen, Germany

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 **16th 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 European Reference Network 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

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)

Fabio Rogerio (Campinas)

Katja Kobow (Erlangen)

Fernando Cendes (Campinas)

Stefan Rampp (Erlangen)

Maria Thom (London)

Imad Najm (Cleveland)

Ruth Beckervordersandforth (Erlangen)

Hajime Miyata (Akita)

Daniel Delev (Erlangen)

Karl Rössler (Vienna)

Jinmei Lie (Chengdu)

Enrico Ghizoni (Campinas)

Angelika Mühlebner-Farngruber (Utrecht)

Vadym Gnatkovsky (Bonn)

Harvey Sarnat (Calgary)

Hajo Hamer (Erlangen)

Neuropathology Course Secretariat

Inga.Borrmann@uk-erlangen.de

Preliminary Program

Thursday: 9.00h – 12.00h

- **Brain dissection workshop** (I. Blümcke, complementary for registered participants)

Thursday: 12.00h – 18.00h

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

Friday: 9.00h – 18.00h

- **Brain Development** (R. Beckervordersandforth)
- **Focal Cortical Dysplasia** (I. Blümcke)
- **Brain dissection and microscopy training course** in small groups with our faculty
- **Epilepsy-associated brain tumours** (A. Mühlebner)
- **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
- **Neurophysiology findings in the epileptic brain** (V. Gnatkovsky)
- **Case discussion** all participants with faculty

Sunday: 9.00h - 14.00h

- **Innovative human brain tissue research** (K. Kobow)
- **Exploring Brain Mechanics** (S. Budday)
- **Case discussion** all participants with faculty
- **Farewell**



FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG

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 2026**. 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: €450

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

Travel bursaries are available to participants from low or middle income countries whom have already paid the registration fee. Please apply with a short letter of interest and CV per email to bluemcke@uk-erlangen.de.



ILME EUROPE





14th INES in 2024, Erlangen, Germany

see you in Erlangen in 2026



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