



# 8<sup>th</sup> International Summer School for Neuropathology and Epilepsy Surgery

## INES 2018

July 26-29, 2018  
University Hospital, Erlangen  
Krankenhausstr. 12

Course Directors:

Ingmar Blümcke & Roland Coras (Erlangen)

For more information, please contact:

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**ILAE - CEA**

**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 pharmacoresistant epilepsy. The international classification of epilepsies recognizes a large spectrum of neuropathologic substrates as potential predictors of disease progression and treatment response. The **8th International Summer School for 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, USA 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 pharmaco-resistant epilepsy.

## Target Audience

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

## Course Faculty

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Eleonora Aronica (Amsterdam)

Albert Becker (Bonn)

Ingmar Blümcke (Erlangen)

Roland Coras (Erlangen)

Fernando Cendes (Campinas)

Enrico Ghizoni (Campinas)

Hans Holthausen (Vogtareuth)

Katja Kobow (Erlangen)

Iscia Lopes-Cendes (Campinas)

Hajime Miyata (Akita)

Imad Najm (Cleveland)

Stefan Rampp (Erlangen)

Fabio Rogerio (Campinas)

Karl Rössler (Erlangen)

Harvey Sarnat (Calgary)

Roberto Spreafico (Milano)

Maria Thom (London)

Neuropathology Course Secretariat  
[Inga.Borrmann@uk-erlangen.de](mailto:Inga.Borrmann@uk-erlangen.de)

# Preliminary Program

## 1<sup>st</sup> *SPRINT* workshop (with invitation only)

Brazilian (FAPESP) – German (FAU) collaboration on molecular  
and histopathological studies on FCD

- Collaborative epilepsy brain banking
- Collaborative genomic screening in focal epilepsies

## Thursday: 14.00h – 18.00h

- **Opening lecture:** Principles in epileptology (Hermann Stefan)
- Series on neuropathology lectures on cortical dysplasia (Harvey Sarnat and Ingmar Blumcke)
- **Microscopy training course** in groups with our tutors
- **Welcome reception** (Orangerie)

## Friday: 9.00h – 18.00h

- **Epilepsy associated brain tumours** (Eleonora Aronica and Maria Thom)
- **Imaging epileptogenic brain lesions** (Fernando Cendes and Stephan Rampp)
- **Microscopy training course** in small groups at multi-head microscope, binocular microscopes or the collaborative virtual microscopy platform (with tutors)
- **Interactive case presentation** and discussion with faculty
- **Social dinner** at “Alter Simpl”

## Saturday: 9.00h – 18.00h

- **Principles in epilepsy surgery** (Karl Rössler and Enrico Ghizoni)
- **Innovative human tissue research** (Ischia Lopes-Cendes, Katja Kobow, and Albert Becker)
- **Microscopy training course** in groups with our tutors
- **Interactive case presentation** and discussion with faculty

## Sunday: 9.00h – 14.00h

- **Evaluation and outcome of epilepsy surgery** (Roberto Spreafico, Ingmar Blumcke)
- **Microscopy training course** with our tutors
- Farewell

# Registration

Please register in advance as room will be limited to 36 participants. No on-site registration available.

To be considered, applications must be received by **February 1<sup>st</sup> 2018**. 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, a short CV, and a letter of support from Head of Department or Director of the local Epilepsy Surgery Program.

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

Please send your application by email 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 + €100 deposit

This fee covers lunch (FRI and SAT) and all beverages during the 4-days course, a welcome reception and social dinner, as well as your personal copy of the INES 2018 book. Registration fees exclude accommodation, airfares and other travel to Erlangen. A 100€ deposit will be charged for your personal set of histopathological glass slides, which will be returned at the end of the course. Travel bursaries are available to participants from low or middle income countries. Please contact us for further information.



ILAE - CEA





5th International Summer School for Neuropathology and Epilepsy Surgery  
Erlangen, October 6-9, 2016



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