

# Neuropathology Summer School

23 July – 2 August 2007

## Introduction, Program & Tentative Schedule



### Description

Basic course in neuropathology. The program covers general pathology of the central nervous system, muscle, nerve, tumours, neurodegenerative diseases, vascular pathology, infections of the CNS, human prion diseases, white matter diseases, metabolic diseases, developmental neuropathology and epilepsy.

### Target Group

Early stage researchers in neurosciences, represented by biologists, pathologists and neurologists within their first four years of research, training/experience in the field of neuroscience, and without a PhD or equivalent post graduate degree. This basic course is also useful for first year neuropathology trainees.

Experienced researchers with at least four years of research experience with a PhD or equivalent post graduate degree, but without any post graduate qualification in neurology, pathology or neuropathology are also welcome.

### Sessions

- Mornings: 4 lectures of 45 minutes each
  
- Afternoons: Gross neuropathology: 1 hour, 4 cases per day  
Histology: 1 hour, 4-5 cases per day (ideally identical to gross neuropathology)

### Literature

Literature: Escourolle & Poirier: *Manual of Basic Neuropathology* (provided by organization)

### Certification

Participants will receive a Euro-CNS summer school certificate.

### Organizers

H. H. Goebel (Mainz), D. Troost (Amsterdam), J. Weis (Aachen)

### Location

Institut für Neuropathologie, Universitätsklinikum der RWTH Aachen, Germany.

**TENTATIVE SCHEDULE as on 24 May 2007**

**Monday, 23 July**

**Morning**

Basic Pathology of the Central Nervous System  
Basic Pathology of the Central Nervous System  
Peripheral Nervous System  
Peripheral Nervous System

D. Troost (Amsterdam)  
D. Troost  
J. Weis (Aachen)  
J. Weis

**Afternoon**

Gross Neuropathology & Histology

J. Weis & D. Troost

**Tuesday, 24 July**

**Morning**

Cerebrovascular Diseases, Trauma & Hemorrhage  
Cerebrovascular Diseases, Trauma & Hemorrhage  
Developmental Neuropathology  
Developmental Neuropathology

C. Sommer (Mainz)  
C. Sommer  
W. Squier (Oxford)  
W. Squier

**Afternoon**

Gross Neuropathology & Histology

J. Weis, D. Troost, C. Sommer, W. Squier

**Wednesday, 25 July**

**Morning**

Cerebrovascular Disease, Trauma & Hemorrhage  
Trauma  
Developmental Neuropathology  
Developmental Neuropathology

C. Sommer  
C. Sommer/H. Folkersma nnb  
J. Golden (Philadelphia)  
J. Golden

**Afternoon**

Gross Neuropathology & Histology

C. Sommer, W. Squier, J. Golden.

**Thursday, 26 July**

**Morning**

Tumours  
Tumours  
Tumours  
Tumours

J.M. Kros (Rotterdam)  
J.M. Kros  
G. Reifenberger (Duesseldorf)  
G. Reifenberger

**Afternoon**

Histology & Neuroradiology

J.M. Kros, G. Reifenberger +  
**neuroradiologist**

**Friday, 27 July**

**Morning**

Tumours  
Tumours  
CSF & Tumor Cytology  
CSF & Tumor Cytology

G. Reifenberger  
J.M. Kros  
J.M. Kros & D.Troost  
J.M. Kros & D.Troost

**Afternoon FREE**

**Saturday, 28 July, Sunday 29 July: Free**

**Monday, 30 July**

**Morning**

Epilepsy  
Epilepsy  
Metabolic Diseases  
Metabolic Diseases

M. Thom (Oxford)  
E.A. Aronica  
H.H. Goebel (Mainz)  
H.H. Goebel

**Afternoon**

Gross Neuropathology & Histology

E.A. Aronica, H.H. Goebel  
M. Thom, [D. Troost, J. Weis]

**Tuesday, 31 July**

**Morning**

Muscle Pathology  
Muscle Pathology  
Muscle Pathology  
Muscle Pathology

C. Sewry (London)  
H.H. Goebel  
C. Sewry  
H.H. Goebel

**Afternoon**

Histology

H.H. Goebel, C. Sewry

**Wednesday, 1 August**

**Morning**

Infectious Diseases  
Infectious Diseases  
White Matter Diseases  
White Matter Diseases

F. Gray (Paris)  
F. Gray  
H. Lassman (Vienna)  
H. Lassman

**Afternoon**

Gross Neuropathology & Histology

F. Gray, H.Lassman, J. Weis

**Thursday, 2 August**

**Morning**

Neurodegeneration  
Neurodegeneration  
Neurodegeneration  
Prion Diseases

J. Lowe (Nottingham)  
J. Lowe  
A. Giese (Muenchen)  
A. Giese

**Afternoon**

Gross Neuropathology & Histology  
Evaluation and Farewell

J. Lowe, A. Giese  
J. Weis