

Wednesday 29 January

Day session: *Introduction; Atlas of Human Embryology; normal brain development; neural tube defects; forebrain patterning defects; cell migration disorders; interactive case presentations*

- 08:30 - 09:00 Registration
09:00 - 09:15 Welcome & course contents
09:15 - 09:45 3D Atlas of Human Embryology - [Bernadette de Bakker](#)
09:45 - 10:15 Brain cut & stains - [Marianna Bugiani](#)
10:15 - 11:00 Normal brain development - [Homa Adle-Biassette](#)
11:00 - 11:15 Coffee break
11:15 - 12:00 **Interactive case presentations and discussion**
12:00 - 12:45 Neural tube defects: developmental origins - [Jeffrey Golden](#)
13:00 - 14:00 Lunch
14:00 - 14:45 Forebrain patterning defects: midline patterning defects and microcephaly - [Jeffrey Golden](#)
14:45 - 15:30 Cell migration disorders: Lissencephaly I, cobblestone brain malformation (COB, *lissencephaly type 2*) and polymicrogyria - [Jeffrey Golden](#)
15:30 - 16:00 Coffee break
16:00 - 17:30 **Brain developmental slides (small groups at multi-head microscope)**

Thursday 30 January 2025

Day session: *Clinical features, genetics, cortical malformations and epilepsy; cerebellar and brainstem malformations; myelination, paediatric demyelinating diseases; infectious diseases*

- 08:30 - 09:15 Brain malformations: clinical features - [Anna Jansen](#)
09:15 - 10:00 New developments in genetic diagnosis of brain malformations - [Renske Oegema](#)
10:00 - 10:15 Coffee break
10:15 - 11:00 **Interactive case presentations and discussion**
11:00 - 11:45 Cortical malformations and epilepsy - [Eleonora Aronica](#)
11:45 - 12:30 Cerebellar and brainstem malformations - [Jeffrey Golden](#)
12:30 - 13:30 Lunch
13:30 - 14:30 Myelination normal and abnormal & paediatric demyelinating diseases - [Marianna Bugiani](#)
14:30 - 14:45 Coffee break
14:45 - 16:00 Brain developmental slides (small groups at multi-head microscope)
16:00 - 16:45 Infectious diseases - [Homa Adle-Biassette](#)
Evening Dinner

Friday 31 January 2025

Day session: *Acquired brain damage in the foetus and neonate; trauma; metabolic disorders, congenital myopathies*

- 09:00 - 09:45 Patterns of acquired brain damage in the foetus and neonate - [Atul Kumar](#)
09:45 - 10:30 Trauma (including non-accidental injury) - [Colin Smith](#)
10:30 - 10:45 Coffee break
10:45 - 11:45 Interactive case presentations and discussion
11:45 - 12:30 Metabolic disorders (1) - [Hans Goebel](#)
12:15 - 13:30 Lunch
13:30 - 14:15 Metabolic disorders (2) - mitochondrial disorders - [Anders Oldfors](#)
14:15 - 15:00 Congenital myopathies and congenital muscular dystrophies - [Rahul Phadke](#)
15:00 - 15:30 Coffee break
15:30 - 16:30 **Brain developmental slides (small groups at multi-head microscope) final discussion & evaluation**