

PROGRAM

Wednesday, June 27th

08:30-09:00 Registration
 09:00-09:15 Welcome & Course content

Day session: *Introduction; Atlas of Human Embryology; Normal brain development; Neural tube defects; Forebrain patterning defects; Cell migration disorders; Interactive case presentations*

09:15-09:45 3D Atlas of Human Embryology - **Bernadette de Bakker**
 09:45-10:30 Normal brain development, Neuronal Migration, Axonal Connections - **Homa Adle-Biassette**
 10:30-11:00 Brain cut & stains - **Marianna Bugiani**
 11:00-11:15 Coffee break
 11:15-12:00 Brain developmental slides (binocular microscopes)
 12:00-12:45 Neural tube defects: developmental origins and primary prevention - **Gabriel Galea**
 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**
 15:30-15:45 Coffee break
 15:45-16:30 Interactive case presentations and discussion
 16:30-17:30 Brain developmental slides (binocular microscopes and small groups at multi-head microscope)

Thursday, June 28th

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- **Grazia Mancini**
 10:00-10:15 Coffee break
 10:15-11:00 Brain developmental slides (binocular microscopes)
 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
 13:30-14:15 Myelination normal and abnormal - **Charles French-Constant**
 14:15-15:00 Paediatric demyelinating diseases - **Marianna Bugiani**
 15:00-15:15 Coffee break
 15:15-16:00 Brain developmental slides (binocular microscopes and small groups at multi-head microscope)
 16:00-16:45 Infectious diseases - **Homa Adle-Biassette**

Dinner

Friday, June 29th

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 - **Tom Jacques**
 09:45-10:30 Trauma (including non-accidental injury) - **Colin Smith**
 10:30-10:45 Coffee break
 10:45-11:45 Brain developmental slides (binocular microscopes)
 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**
 15:00-16:30 Brain developmental slides (binocular microscopes and small groups at multi-head microscope) final discussion & evaluation