

# LASSE III - Epileptogenesis in the developing brain: basis for treatment and prevention

**05 February 2009**

## Morning

- Semiology of neonatal seizures - Magda L. Nunes (Brazil)
- Semiology of infantile spasms – Vera T. Bustamante (Brazil)
- Semiology of focal seizures in childhood – Marilisa Guerreiro (Brazil)

## Afternoon

- Semiology of typical absence seizures - Laura Guilhoto (Brazil)
- Semiology of generalized tonic-clonic seizures in childhood - Elza Márcia Yacubian (Brazil)
- Semiology of myoclonic, myoclonic-astatic and tonic seizures in childhood – Regina Fernandes (Brazil)

## Evening

- History of neuroscience research - Marina Bentivoglio (Italy)

**06 February 2009**

## Morning

- Neuroembryology - Daniela Uziel Rozental (Brasil)
- Neocortical development - Marina Bentivoglio (Italy)
- Neurotransmitter systems in critical developmental periods – Maria da Graça Naffah-Mazzacoratti (Brazil)
- Maturation of the brain in epilepsy - Olivier Dulac (France)

## Afternoon

- Experimental models of focal cortical dysplasia in neonatal rats –Tatsuya Tanaka (Japan)
- Neuropathology of human cortical dysplasias - Roberto Spreafico (Italy)
- Infrared video-microscopy for visualization and recording of abnormal neurons in childhood epilepsy - Carlos Cepeda (USA)

## Evening

- Maturation of the limbic system - Marina Bentivoglio (Italy)

**07 February 2009**Morning

- Seizures in newborn and infants - Perrine Plouin (France)
- Translational aspects of febrile seizures – Solomon Moshé (USA)
- Epilepsy syndromes in childhood - Olivier Dulac (France)

Afternoon

- EEG in epilepsy in childhood - Perrine Plouin (France)
- Reflex epilepsies - Peter Wolf (Denmark)
- Choice of drugs in infantile and childhood epilepsy - Olivier Dulac (France)

Evening

- Juvenile myoclonic epilepsy: Historical aspects and current knowledge - Peter Wolf (Denmark)

**08 February 2009**Morning

- Developmental aspects of the endocrine system relevant to epilepsy – Debora Amado Scerni (Brazil)
- Special reflex epilepsy: Hot water epilepsy – P. Satischandra (India)
- The Panayiotopoulos syndrome - Roberto Caraballo (Argentina)
- Centrottemporal benign epilepsy: Current knowledge - Alejandro Scaramelli (Uruguay)

Afternoon

- Benign focal seizures in adolescents - Roberto Caraballo (Argentina)
- Benign infantile seizures - Roberto Caraballo (Argentina)
- Atypical evolutions in the benign focal epilepsies in childhood - Natalio Fejerman (Argentina)

Evening: ALADE Special session

- The syndrome of Fejerman-Lombroso: Past and present - Natalio Fejerman (Argentina)

**09 February 2009**Morning

- Bridging from experimental models of epilepsy to intractable epilepsy – Tatsuya Tanaka (Japan)
- West syndrome - Patricia Campos (Peru)
- Other epileptic encephalopathies in children – Natalio Fejerman (Argentina)

Afternoon

- Structural imaging in childhood epilepsies - Fernando Cendes (Brazil)
- Pediatric epilepsies due to genetic channelopathies - Íscia Lopes-Cendes (Brazil)
- Progressive myoclonic epilepsy – Lafora disease: Clinical, electrophysiological and genetic aspects - P. Satishchandra (India)

**10 February 2009**Morning

- Neonatal hypoxic-ischemic encephalopathies - Jaderson Costa da Costa (Brazil)
- Neuroinfection as a cause of epilepsy – Jean Gorezstein (Brazil)
- Cysticercosis as a cause of epilepsy in childhood - Marco Túlio Medina (Honduras)
- Immunology of the vaccines - Celso Granato (Brazil)

Afternoon

- Preparation of the research projects by students (with tutors)

**11 February 2009**Morning

- Basis of the stem cell research – Oswaldo Keith Okamoto (Brazil)
- CNS and stem cells: a review - Rosalia Mendez Otero (Brazil)
- Epilepsy and neural precursors: a general perspective – Maria Elisa Calcagnotto (Spain)
- Stem cells in experimental epilepsy - Beatriz Monteiro Longo (Brazil)

Afternoon

- Adult granule cells express traits of a juvenile phenotype after seizures – Rafael Gutierrez (México)
- From rats and mice to non-human primates and humans – Luiz Mello (Brazil)

**12 February 2009**Morning

- Epilepsy treatment in childhood epilepsies - Jaderson Costa da Costa (Brazil)
- Ketogenic diet - Luciana Inuzuna (Brazil)
- Sudden death in pediatric epilepsy - Fúlvio Scorza (Brazil)
- Autism and epilepsy: Is there a link? – Marcos T. Mercadante (Brazil)

Afternoon

- Neuropsychological evaluation of pediatric epilepsies - Mirna Portuguez (Brazil)
- Non-invasive presurgical evaluation in childhood epilepsy - Sylvia Kochen (Brazil)
- Invasive investigation of childhood epilepsies - Vera Terra Bustamante (Brazil)
- Quality of life in pediatric epilepsies – Marly de Albuquerque (Brazil)

**13 February 2009**Morning

- Lesional versus functional surgery in children with epilepsy: state of the evidence – Manuel Campos (Chile)
- What are the types of etiologies for pediatric epilepsy surgery patients - Gary Mathern (USA)
- Epilepsy surgery in infancy: Special needs for small children – Hélio Rubens Machado (Brazil)
- Temporal lobe epilepsy in childhood - Vera Terra Bustamante (Brazil)

Afternoon

- Posterior cortex surgery in childhood epilepsy - Américo Ceiki Sakamoto (Brazil)
- Hemispherectomies - Gary Mathern (USA)
- Neuropsychomotor development after hemispherectomy - Ana Paula Hamad (Brazil)
- Open questions in pediatric epilepsy - Gary Mathern (USA)

**14 February 2009**

- Presentation by students