

PENS20th to 27th june**Brain development and Pathological disorders****Scientific Program Schedule****Sunday****Day1**

16:00–18:00 Registration

18:00–19H00 **Y Ben-Ari (Marseille, France)***Introduction to brain development and pathological disorders*19h00-20H00 **O Marin (SP)***Cellular and molecular mechanisms controlling the migration of cortical interneurons*

20:00–21:30 H

Welcome reception and dinner

Monday**Day2 An introduction to development**09:00–10:00 **H Lagerkrantz (SW)***The Emergence of Consciousness*10:00 –11:00 **R Khazipov (FR)***Emergence of coherent patterns*11:00-12:00 **HJ Luhmann (GE)***Early electrical activity in the developing cerebral cortex of humans and rodent*13:30-14:30 **R Cossart (FR)***Sequential maturation of network patterns*14:30-15:30 **JG Parnavelas (GB)***Development of cortical interneurons*15:30-16:30 **E Cherubini (IT)***Intrinsic current and early network activity*16:30-17:30 **General discussion****Tuesday****Day3 Activity and neuronal growth**09:00–10:00 **L Maffei (IT)***Enriched environment and plasticity in the mammalian visual system*10:00 –11:00 **CA Hübner (GE)***NKCC1-dependent network maturation*11:00-12:00 **I Medina (FR)***KCC2-dependent synaptic maturation*13:30-14:30 **J-L Gaiarsa (FR)***Neurotrophin and plasticity of GABAergic synapses*14:30-15:30 **E Sernagor (GB)***Early neural activity and dendritic growth*15:30-16:30 **JM Fritschy (SW)***How to build a brain: transcription factors generate interneuron diversity*16:30-17:30 **General discussion****Wednesday****Day4 Genetic and Epigenetic Disorders**09:00–10:00 **A Represa (FR)**

Disorders of neuronal migration and epilepsy: genetically targeted model of double cortex

10:00–11:00 **F Muscatelli (FR)**

Genetic and epigenetic: investigation of Prader-Willi syndrome

11:00–12:00 **Discussion and organization of working groups**

13:30–17:30 **Experimental training courses I**

Thursday

Day5 Autism and Dyslexia

9:00–10:00 **DH Skuse (GB)**

Autism-lessons from the X chromosome

10:00–11:00 **P Szepetowski (FR)** *SRPX2 and the speech areas: a developmental disorder in search of an early signal*

11:00–12:00 **T Bourgeron (FR)**

Keeping Tracks of Synaptic Time in Autism Spectrum Disorders

13:30–17:30 **Experimental training courses II**

Friday

Day6 Early/late disorders and seizures

9:00–10:00 **C Cardoso (FR)**

Beta-tubulin gene and polymicrogyria

10:00–11:00 **O Dulac (FR)**

Imaging of malformations of cortical development

11:00–12:00 **L Aniksztejn (FR)**

Glutamate transporter and suppression bursts

13:30–17:30 **Experimental training courses III**

Saturday

Day7

09:00–12:00

Preparation of presentations by teams

14:00–16:30 **Reports from team1, 2, 3, and 4**

16:30–17:30 **General discussion**

20:00 **Farewell party**

Sunday

Day8

09:00 departure