

France-Taiwanese Symposium on Neurobiology, IGBMC 28-29, November 2011

November 28th

Morning: Visit to IGBMC facilities and discussion with PIs

Symposium

13h00 Welcome from the organizers

13h05 Welcome from the Director Olivier Pourquié

13h10-14h00 Opening lecture: Yuh Nung Jan (UCSF HHMI) Control of dendrite morphogenesis: from fly to mammal

14h00-15h40 Session 1 Neural physiology and diseases (5 talks)

chair: Hong-Young Yan (ICOB)

14h00-14h25 JM Egly (IGBMC) TFIID Cokayne Syndrome

14h25-14h50 Yann Herault ICS From comprehensive to specific in depth phenotyping at the Mouse Clinical Institute

14h50-15h15 Yi-Shuan Huang (IBMS) Translational control in plasticity, learning and memory- the story of CPEB3 knockout mouse

15h15-15h40 Yi-Ping Hsueh (IMB) Neuronal Morphogenesis and Neurodevelopmental Disorders

15h40-16h05 L Tora (IGBMC) Polyglutamine expansion and dysfunction of the SAGA co-activator complex

16h05-16h25 coffee break

16h25-18h05 Session 2 Neural physiology and diseases (5 talks)

chair

16h25-16h50 A Brice (Salpêtrière) What is the role of genetic factors in Parkinson's disease

16h50-17h15 Chih-Cheng Chen (IBMS) An Antinociceptive Role for Substance P in Acid-induced Chronic Muscle Pain

17h15-17h40 B Kieffer (IGBMC) Control of pain by opioids : recent molecular discoveries

17h40-18h05 Hele Puccio (IGBMC) Friederich Atacia

18h05-18h30 Dolfuss Retina/Hippocampus mouse and human disease

20h30-22h posters

November 29th

9h00 –10h40 Session 1 Neural Development : from cell fates to circuitry (four talks)

chair

9h00-9h25 Shen-Ju Chou (ICOB) Patterning of the Cerebral Cortex

9h25-9h50 Henry Sun (IMB) Glia-neuron interaction in the Drosophila visual system

9h50-10h15 Angela Giangrande (IGBMC) Collective migration in the nervous system

10h15-10h40 Irwin Davidson (IGBMC) Molecular aspects of retinoic acid induced neuronal differentiation of ES cells

10h40-11h00 coffee break

10h40 –12h30 Session 2 Neural Development : from cell fates to circuitry (four talks)

chair: Yun-Ru Chen (GRC)

11h00-11h25 A Prochiantz (Collège de France) Homeoprotein transduction: passing the message across¹

11h25-11h50 A Triller (ENS) Super-resolutive and single molecule imaging: a new view on synapse biology

11h50-12h15 Chin-Yin Tai (IMB) Transsynaptic signaling by N-cadherin/beta-catenin adhesion complex

12h15-12h30 Xavier Morin (ENS) AVENIR

12h30-12h45 Sophie Jarriault ATIPE

chair: Hong-Hsiang Yu (ICOB)

14h30-14h55 Pei-Lin Cheng (IMB) Development and maintenance of Axon/Dendrite identity

14h55-15h20 Ya-Hui Chou (ICOB) Organization, assembly and variability of an olfactory circuit

15h20-15h45 Jean Louis Mandel-Moine FMRP

15h45-16h10 Cheng-Ting Chien (IMB) Regulation of endocytosis in dendrite growth

16h20-16h40 Coffee break

16h40-17h30 Ending lecture: Lily Jan (UCSF HHMI) Regulation of dendritic voltage-gated potassium channels by fragile X mental retardation protein
17h30-17h40 Conclusive remarks