

From sensory maps to serotonin and developmental disorders

Symposium in honor of Patricia Gaspar

Paris, October 19, 2018

Auditorium – Institut du Cerveau et de la Moelle épinière

Hopital Pitié-Salpêtrière, 47 Bd de l'Hopital, 75013, Paris, France

8:30 - 9:00: Registration

9:00 - 9:10: Opening words

9:10 - 9:50: Jon H. Kaas, Vanderbilt University, Nashville, USA

The evolution and development of sensorimotor systems in primates

9:50 - 10:10: Tania Vitalis, Hopital Universitaire Robert Debré, Paris, France

Falling in serotonin bath with Patricia: from “barrels” to 5-HT3A+ interneurons

10:10 - 10:50: Reha S. Erzurumlu, University of Maryland, Baltimore, USA

Somatosensory circuit alterations in neurodevelopment disorders

Coffee Break

11:10 - 11:30: Alexandra Rebsam, Institut du Fer à Moulin, Paris, France

Activity-dependent and independent mechanisms for map formation

11:30 - 11:50: Xavier Nicol, Institut de la Vision, Paris, France

Diversity and specificity of second messenger signals shaping visual maps

11:50 - 12:30: Alexandre Dayer, University of Geneva, Geneva, Switzerland

Role of serotonin in cortical interneuron development

Lunch Break

14:00- 14:40: Mark Ansorge, Columbia University, New York, USA

Monoamine-sensitive developmental periods impacting adult behavior and cognitive function

14:40 - 15:00: Nicolas Narboux-Nême, Museum National d'Histoire Naturelle, Paris, France

Cellular and behavioral effects of Dlx5/6 deletion from GABAergic interneurons

15:00 - 15:40: Denis Jabaudon, University of Geneva, Geneva, Switzerland

Fate and freedom in the developing cerebral cortex

Coffee Break

16:00 - 16:20: Anne Teissier, Centre de Psychiatrie et Neurosciences, Paris, France

Early life stress and prefrontal cortex maturation in mood disorders

16:20 - 16:40: Nicolas Rénier, Institut du Cerveau et de la Moelle Epinière, Paris, France

Rules of map construction in the barrel cortex derived from mutants affecting the lateralization of inputs

16:40 - 17:20: Cornelius Gross, European Molecular Biology Laboratory, Rome, Italy

A role for non-neuronal cells in synaptic development

17:30: Closing Remarks: Patricia Gaspar

