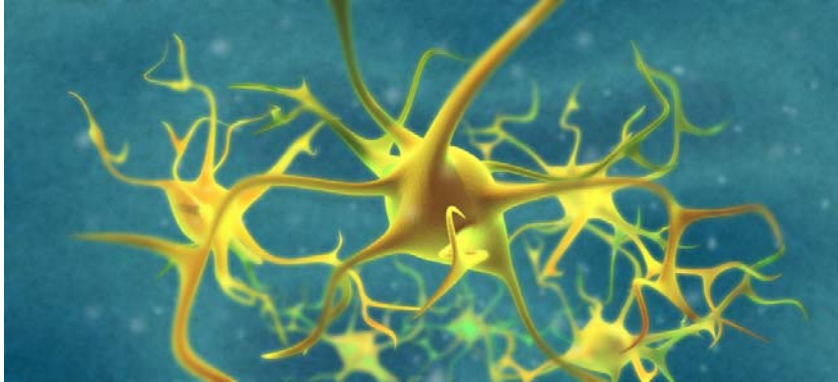


# **CNRS – MPG Neuroscience Meeting**

**February 24<sup>th</sup> – 25<sup>th</sup>**  
**CNRS, Paris**  
**Organized by Martin Giurfa & Klaus Armin Nave**



**To be held at room K 0.24 (Building K), CNRS campus**

## **Scientific Program**

### **February 24<sup>th</sup>**

9:00 – 9:30: **Martin GIURFA** (Research Center on Animal Cognition, Toulouse)

- **Dissecting Non-Elemental Learning in a Miniature Brain.**

9:30 – 10:00: **Marcus C. STENSMYR** (Department of Evolutionary Neuroethology, Max Planck Institute for Chemical Ecology, Jena)

- **Arthropod olfactory neuroecology**

10:00 – 10:30: **Andreas SCHAEFER** (Max Planck Institute for Medical Research, Heidelberg)

- **Mechanisms of olfactory processing in the mouse**

10:30 – 11:00: **Sidney WIENER** (Laboratoire de Physiologie de la Perception et de l'Action, Collège de France, Paris)

- **Theta band LFP coherence between hippocampus and prefrontal cortex and reorganization of ensemble cell activity during learning**

**11:00 – 11:30: Coffee Break**

11:30 – 12:00: **Paul PEVET** (Institut Fédératif de Recherche en Neurosciences, Strasbourg)

- Circadian clocks, Melatonin and Biological Rhythms

12:00 – 12:30: **Hilmar MEISSL** (Max Planck Institute for Brain Research, Frankfurt)

- The clock that times us: Mechanisms of neuronal synchronization in the hypothalamic suprachiasmatic nucleus

### 12:30 – 14:00: Lunch – Buffet Froid

14:00 – 14:20: **Bernard BIOULAC** (Adjunct Scientific Director of the Institute for Biological Sciences of the CNRS)

- CNRS – MPG Cooperation in Neurosciences – History & Framework

14:20 – 14:30: **Anne-Marie BRASS** (European Affairs Office of CNRS)

- Opportunities for CNRS – MPG cooperation

14:30 – 15:00 **Yves FREGNAC** (Unité de Neurosciences Intégratives et Computationnelles, Gif-sur-Yvette)

- Multi-scale analysis and complexity in sensory cortical networks

15:00 – 15:30: **Simon THORPE** (Centre de Recherche Cerveau et Cognition, Toulouse)

- Brain mechanisms for rapid visual processing

15:30 – 16:00: **Barbara TILLMANN** (Laboratoire de Neurosciences et Systèmes Sensoriels, Lyon)

- Auditory perception and cognition: Behavioral and neural correlates of verbal and non-verbal sound processing

16:00 – 16:30: **Rolf SPRENGEL** (Max Planck Institute for Medical Research, Heidelberg)

- AMPA receptors in the mouse brain: more than just fast signal transduction.

### 16:30 – 17:00: Coffee Break

17:00 – 17:30: **Dietmar SPENGLER** (Max Planck Institute for Psychiatry, München)

- Title: Epigenetic programming of neuroendocrine circuits in development to ageing

17:30 – 18:00: **Carsten WOTJAK** (Max Planck Institute for Psychiatry, München)

- Individual susceptibility in a mouse model of posttraumatic stress disorder

18:00 – 18:30: **Jacques MALLET** (Hôpital de la Pitié Salpêtrière, Paris)

- **Maternal serotonin is crucial for murine embryonic development**

## February 25<sup>th</sup>

09:00 – 09:30: **Klaus-Armin NAVE** (Max Planck Institute of Experimental Medicine, Göttingen)

- **A novel role of glial cells in maintaining axon survival**

09:30 – 10:00: **Charbel MASSAAD** (University Paris Descartes, Paris)

- **Implication of Wnt signaling pathway in myelination**

10:00 – 10:30: **Frank BRADKE** (Max Planck Institute for Neurobiology, München)

- **Title: Intracellular Mechanisms of Axonal Growth and Regeneration**

## 10:30 – 11:00: Coffee Break

11:00 – 11:30: **Fanny RYBAK** (Laboratoire de Neurobiologie de l'Apprentissage, de la Mémoire et de la Communication, Paris)

- **How do signals synchronize group activity in communities of songbirds?**

11:30 – 12:00: **Manfred GAHR** (Max Planck Institute for Ornithology, Radolfzell)

- **Neural mechanisms of hormone dependent vocalizations of songbirds**

## 12:00 – 13:30: General Discussion - Exploring cooperation modalities in the domain of neurosciences

13:30: Farewell