Detailed program of the UE NeuroConferences 2023

Organized by the Master 2 FCN of UCB Lyon 1 - with the support of Labex Cortex

Neurobiology of Depression: neurobiological and treatment perspectives.				Organizer: **Dr. Nasser Haddjeri** nasser.haddjeri@univ-lyon1.fr
Current predictions indicate that by 2030 mood disorders (MD) will be the leading cause of disease burden globally. Despite a large number of antidepressants available, treatment of MD remains still unsatisfactory and more effective therapeutic strategies are urgently needed. Hopefully, the recent data with ketamine as a rapid-acting antidepressant has propelled research on the mechanism of action of antidepressants. The proposed seminars aim to provide an overview of current developments in the field, with an emphasis on several biological mechanisms that will lead to better treatments.				
	Tue 03/10	15.00-17.00	**Drs. Erika ABRIAL** *(Centre Hospitalier Le Vinatier, Bron)* **& Nasser HADDJERI** *(Stem Cell & Brain Institute, Bron)* Title: Clinical & therapeutic features of mood disorders.	Amphi Neurocampus CRNL (CH Le Vinatier, Bat. 462, 95 bd Pinel, Bron)l
	Wed 04/10	11.00-13.00	**Pr. Bruno GUIARD** *(The Research Center on Animal Cognition, Toulouse)* Title: Metabolic and mood disorders: role of the serotonergic system.	Amphi Neurocampus CRNL
	Thu 05/10	11.00-13.00	**Dr. Guillaume LUCAS** *(Institut de Neurosciences Cognitives et Intégratives d'Aquitaine, Bordeaux)* Title: Hippocampal synaptic plasticity as a key towards new, fast-acting antidepressant strategies: role of 5-HT and its 5-HT4 receptor type.	Amphi Neurocampus CRNL
		15.00-17.00	**Pr. Philippe DE DEURWAERDERE** *(Institut de Neurosciences Cognitives et Intégratives d'Aquitaine, Bordeaux)* Title: How psychedelic drugs may treat mood disorders.	Amphi Neurocampus CRNL

Sleep, local sleep, memory consolidation, and replay				Organizers: **Dr Dezső NEMETH and Dr Romain QUENTIN** nemethd@gmail.com romain.quentin@inserm.fr
Learning does not occur only during practice, in the so-called online periods, but also between practice periods, during the so-called offline periods. The process that occurs during the offline periods is referred to as memory consolidation. Understanding the multiple aspects and influencing factors of consolidation can help us to reveal the nature of memory and changes during brain plasticity. Memory consolidation can occur during sleep and wakefulness. Here, replay and reactivation processes play a key role. Recent research suggests that sleep-like processes may also occur in the waking brain (local sleep), which may play an important role in learning and memory processes. Our NeuroConf focuses on how sleep, local sleep, replay and reactivation affect memory consolidation processes. We highlight that consolidation is not a single process; instead, there are multiple mechanisms in the offline period.				
	Tue 17/10	09.00-12.00	**Pr. Dezső NEMETH** *(Centre de Recherche en Neurosciences de Lyon, INSERM)* Title: Learning and memory consolidation	Amphi IDEE (Institut Des ÉpilepsiEs IDEE, 59 Bd Pinel, 69500 Bron)
		14.00-15.30	**Dr Peter SIMOR** *(Eotvos Lorand University, Budapest)* Title: The wandering mind in sleep and wakefulness	
	Wed 18/10	10.00-11.30	**Dr Peter SIMOR** *(Eotvos Lorand University, Budapest)* Title: Mind-wandering, sleep-like processes and learning	Amphi IDEE (Institut Des ÉpilepsiEs IDEE, 59 Bd Pinel, 69500 Bron)
		14.00-15.30	**Dr. Romain QUENTIN** *(Centre de Recherche en Neurosciences de Lyon)* Title: Short-scale dynamics of learning and consolidation	

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