15.10.2023. SUNDAY		
8:00- 18:00	REGISTRATION ELECTION COUNCIL MEMBERS (VOTE ONLINE)	
9:00- 10:50	PARALLEL SYMPOSIA	
	 S4 "Cells, Molecules, Circuits and Behaviors: The Future of Therapeutics in Substance Use Disorders" (Carthage I room) CHAIRS: Kathryn A. Cunningham (USA); Marco Diana (IT) S4.1 Kathryn A. Cunningham (University of Texas Medical Branch, Galveston, Texas, USA): "Mining 5-HT2A receptor ligand discovery for substance use disorders" S4.2 John Neumaier (University of Washington, Seattle, Washington, USA): "Neurocircuit control of oral fentanyl self-administration engages a novel role for the lateral habenula: Implications for SUD therapeutics" S4.3 Lauren M. Slosky (University of Minnesota Medical School, Minneapolis, MN, USA): "β-Arrestin-biased allosteric modulators of neurotensin receptor 1 for the treatment of cocaine use disorder" S4.4 Liana Fattore (CNR Institute of Neuroscience, National Research Council, Cagliari, Italy): "Dual 5-HT2B antagonist-5-HT1A agonist for methamphetamine use disorder" S4.5 Noelle Anastasio (University of Texas Medical Branch, Galveston, Texas, USA): "The nociceptin receptor as a target for opioid use disorder" therapeutics 	
	 S5 "Understanding the online and offline representation of complex stimuli: From behavioural performance to neural mechanisms" (Carthage II room) CHAIRS: Carlo Sestieri (IT); Valerio Santangelo (IT) S5.1 Emiliano Macaluso (Université Claude Bernard Lyon 1, Bron, France): "Memory retrieval after the encoding of complex and naturalistic episodes" S5.2 Marco Sperduti (Université Paris Cité, Paris, France): "The impact of editing on time perception for movie scenes" S5.3 Carlo Sestieri (University of Chieti, Italy): "Cognitive mechanisms supporting temporal memory for movie scenes" S5.4 Valerio Santangelo (University of Perugia, Italy): "The representation of saliency in complex visual scenes and cinematographic movies" 	
	S6 "Neurotransmitter dynamics and actions in neuro-astroglial networks" (Carthage III room) CHAIR: Dmitri Rusakov (UK) S6.1 Marta Navarrete (Cajal Institute, Madrid, Spain): "Catching neuron-astrocyte engrams" S6.2 Robert Zorec (University of Ljubljana, Lubljana, Slovenia): "Noradrenergic signalling and vesicle dynamics in reactive astrocytes" S6.3 Nathalie Rouach (College de France, Paris, France): "A neuroglial circuit for maternal behaviors" S6.4 Dmitri Rusakov (University College London, UK): "Brian rhythm regulation by extracellular GABA waves"	
	 S7 "New insights in Parkinson's disease and other motor disorders" (Majles room) CHAIRS: Leonidas Stefanis (GR), Rosario Moratalla (ES) S7.1 Aurora Zilli (Sapienza University of Rome, Italy): "Antibiotic-induced leaky gut syndrome promotes parkinsonism in mice: protective effects of rifaximin" S7.2 Alessandro Stefani (University of Rome Tor Vergata, Rome, Italy): "Gut microbiota dysbiosis in Parkinson's disease patients: not only an early feature but a potential biomarker of disease severity and progression" S7.3 Rosario Moratalla (Cajal Institute, Spain): "The origin of comorbid anxiety and depression in Parkinson's disease" S7.4 Ali Jahanshahi (Maastricht University, The Netherlands): "Wireless deep brain stimulation in freely moving mice with nonresonant powering of magnetoelectric nanoparticles" 	
10:50-11:10	COFFEE BREAK/POSTERS	
	PARALLEL SYMPOSIA	

S8 "Emerging trends in New Psychoactive Substances (NPS): From preclinical evidences to clinical perspectives" (Carthage I
room)
CHAIRS: Matteo Marti (IT); Liana Fattore (IT) S8.1 Eef Theunissen (Maastricht University, The Netherlands): "Cognitive, psychomotor and psychotomimetic effects of a synthetic cannabinoid" S8.2 Jakub Wojcieszak (Medical University of Łódź, Poland):
"Perinatal treatment with MDPV impairs cognitive functions in the adulthood of male but not female C57BL/6J mice" S8.3 Sabrine Bilel (University of Ferrara, Italy): "In silico, in vitro and in vivo pharmacological characterization of emerging novel synthetic opioids: focus on sex differences" S8.4 Gunes Unal (Boğaziçl University, Istanbul, Turkey):
"Enhancing the antidepressant effect of ketamine via alternative routes of administration"
 S9 "The role of the amygdala in modulating negatively and positively valenced states" (Carthage II room) CHAIRS: Andrew Holmes (USA); Maria Morena (IT) S9.1 Bernard Balleine (University of NSW, Sydney, Australia): "Amygdala-cortical control of striatal plasticity" S9.2 Maria Morena (Sapienza University & IRCSS Santa Lucia Foundation, Rome, Italy): "Amygdala regulation of stress effects on fear memory processes" S9.3 Cyril Herry (INSERM & University of Bordeaux, Bordeaux, France): "Decoding fear in prefrontal-amygdala circuits" S9.4 Andrew Holmes (National Institute on Alcohol Abuse and Alcoholism, Rockville, MD, USA): "Amygdala astrocytes gate the transformation of memory into action"
 S10 "Neurobiology of Social Cognition in Animal Kingdom" (Carthage III room) CHAIR: Giulia Salamanca (IT) S10.1 Giulia Salamanca (University of Bologna, Italy): "Where do the atypical long-range somatostatin projections go in the brain? A neuroanatomical study" S10.2 Francesco Papaleo (Italian Institute of Technology, Genoa, Italy): "Cortico-Cortical Transfer of Socially Derived Information Gates Emotion Discrimination"
 S10.3 Julia Sliwa (Sorbonne University, Institut du Cerveau, ICM, Inserm, CNRS, Paris, France): "Comparing human and monkey neural circuits for processing social scenes" S10.4 Gernot Ernst (University of Oslo, Norway): "A translational perspective on opioids and social behaviour: from rodents to humans"
S11 "Ion channels and receptors in myelin-forming glia cells" (Majles room)
CHAIRS: Valerio Magnaghi (IT) S11.1 Wenjing Sun (The Ohio State University, Columbus, OH, USA): "New insights into activity-dependent myelination"
 S11.2 Maria Kukley (University of Sciences and Technology Houari Boumediène, Algiers, Algeria): "Glutamate receptors in the oligodendrocyte lineage cells: what is new?" S11.3 Aleksandra Rutkowska (Medical University of Gdańsk, Poland):
"Can we stimulate remyelination in vivo? A glance at GPR183 as novel therapeutic target" \$11.4 Valerio Magnaghi (University of Milan, Italy):
"NKCC1 and GABA-A-receptor regulation of chloride flux in peripheral nerve: are Schwann cells engaged?"
LUNCH
SPECIAL Event (SE): Neuroscience and Law: Lobes and Robes (Carthage I room)
SE.1 Marie Lamarche (Law clinic, Faculty of Law and Political Sciences, Bordeaux, France) & Cédric Brun (Bordeaux-Montaigne University, Bordeaux, France):
"The Legal and Ethical Implications of Neuroscience Discoveries: A Framework for Balancing Societal Interests and Individual Rights" SE.2 Ahmed Elkahwagy (Faculty of Law, Alexandria University, Alexandria, Egypt) & Thomas Boraud (University of Bordeaux, CNRS Bordeaux, France): "The contribution of neuroscience to Criminal Law" The Contribution of Neuroscience to Criminal Law "
SE.3 Nihal Elbanna (Faculty of Law, Alexandria University, Alexandria, Egypt) & Marc Landry (University of Bordeaux, CNRS Bordeaux, France): "Do we need a legal framework for neuromarketing?"
EJN Wiley/FENS WORKSHOP on Publishing (Carthage II room) Bernard Balleine

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	S12 "Non-neuronal mechanisms of motivated behavior" (Carthage I room)
	CHAIR: Debra Bangasser (USA)
	\$12.1 Debra Bangasser (Georgia State University, Atlanta, GA, USA):
	"Early resource scarcity causes lasting effects on cognition and non-neuronal cortical cells"
	S12.2 Pavel Ortinski (University of Kentucky, Lexington, KY, USA):
	"Cocaine self-administration increases voltage-gated signaling in accumbens astrocytes"
	S12.3 Jared Young (University of California, San Diego, CA, USA):
	"Impact of HIV on motivation and risk-taking: Activated microglia as a potential treatment target"
	\$12.4 Michael Scofield (University of South Carolina, Columbia, SC, USA):
	"Ca2+ Activity Profiles of Cortical Astrocytes During Conditioned Reward Seeking"
	\$12.5 Jill Turner (University of Kentucky, Lexington, KY, USA):
	"Glia mechanisms of drug withdrawal"
	S13 "Diverse Neurobiological Actions of Cannabinoids in the Brain" (Carthage II room)
	CHAIRS: Matthew Hill (CA); Roberto Colangeli (IT)
	\$13.1 Roberto Colangeli (Università Politecnica delle Marche, Ancona, Italy):
	"2-AG-mediated control of GABAergic plasticity in physiological and pathological condition"
	S13.2 Matthew Hill (Hotchkiss Brain Institute, University of Calgary, Canada):
	"Endocannabinoid signaling governs stress induced activation and termination of neural activity within corticotropin releasing hormone neurons in the
	paraventricular nucleus of the hypothalamus"
15.20-17.10	S13.3 Stephanie Borgland (University of Calgary, Canada):
10.20 27.20	"Sex differences in effects perinatal cannabis exposure on metabolism and emotional behaviour in adult offspring"
	S13.4 Ryan McLaughlin (Washington State University, Pullmann, WA, USA):
	"Using rodent models to identify behavioral and biological predictors of problematic cannabis use"
	S14 "Interplay of estrogens, antidepressants and behavior: classical and rapid effects" (Carthage III room)
	CHAIR: Nikolaos Kokras (GR)
	S14.1 Polymnia Georgiou (University of Wisconsin Milwaukee, Milwaukee, WI, USA):
	"Estrogen Receptor β Modulates Depressive phenotypes via an Amygdala-Nucleus Accumbens Pathway"
	S14.2 Elena Choleris (University of Guelph, Ontario, Canada):
	"Hormone regulation of brain circuits of social cognition in male and female mice"
	S14.3 Nikos Kokras (National and Kapodistrian University of Athens, Greece):
	"How to integrate sex in preclinical research of antidepressants: the role of estrogens"
	\$14.4 Panos Zanos (University of Cyprus, Nicosia, Cyprus):
	"Mechanism of action of rapid acting antidepressants"
	S14.5 Charis Brakatselos (University of Ioannina, Greece):
	"Targeting affective disorders: synergies of cannabidiol and antidepressants"
	S15 "Brain extracellular matrix: organization, remodelling, and functions in health and disease" (Majles room)
	CHAIRS: Tommaso Pizzorusso (IT); Alexander Dityatev (DE)
	\$15.1 Tommaso Pizzorusso (Institute of Neuroscience, CNR, Pisa, Italy):
	"An Atlas of Perineuronal Net Distribution and Colocalization with Parvalbumin in the Adult Mouse Brain"
	\$15.2 Alexander Dityatev (German Center for Neurodegenerative Diseases (DZNE), Magdeburg, Germany):
	"Neuromodulatory and neuroinflammatory mechanisms of ECM remodelling"
	\$15.3 Juan Nacher (University of Valencia, Spanish Research Network on Mental Health (CIBERSAM), Spain):
	"Perineuronal nets as emerging targets for the treatment of neuropsychiatric disorders"
	\$15.4 Laure Verret (Toulouse University and Research Center on Animal Cognition (CRCA-CBI), France):
	"Experience-dependent perineuronal net remodelling and memory in AD mice"
17:10-17:30	COFFEE BREAK/POSTERS
	KEYNOTE LECTURE: RAJITA SINHA
17:30-18:30	
	Stress, Drugs, and Relapse: How can neuroscience help us in improving addiction
	treatment? CHAIR: Liana Fattore
	(Carthage room I)
18.30-19.30	MNS GENERAL ASSEMBLY