

Wednesday, May 14, 2025

*Ceremony*

08:00 - 08:30

AB

**C01 - Opening Ceremony**

*Plenary Lecture*

08:30 - 09:30

AB

**PL01 - Angélique Arvanitaki lecture - Cognitive neuroscience in miniature brains - Dissecting higher-order learning in honey bees**

Laure Rondi-Reig (France)

PL01-1

**Cognitive neuroscience in miniature brains - Dissecting higher-order learning in honey bees**

08:30 - 08:30

Martin Giurfa (Paris, France)

*Symposium*

09:30 - 11:30

AB

**S01 - Novel synaptic mechanisms in the hippocampus: honoring Vivien Chevalere's legacy in neuroscience.**

Olivier Manzoni (Marseille, France)

David Robbe (Marseille, France)

S01-1

**Vivien's PhD Thesis, a major contribution to the understanding of peptidergic neurons development.**

09:30 - 09:30

Michel Desarmenien (Montpellier, France)

S01-2

**PRESYNAPTIC LOCAL PROTEIN SYNTHESIS AND SYNAPTIC PLASTICITY IN THE HIPPOCAMPUS**

09:30 - 09:30

Pablo Castillo (New York City, United States)

S01-4

**THE ROLE OF HIPPOCAMPAL PARVALBUMIN NEURONS IN MEMORY DEFICITS AND FUNCTIONAL RECOVERY IN ALZHEIMER'S MODEL**

09:30 - 09:30

Laure Verret (Toulouse, France)

S01-5

**PROTEIN KINASE A (PKA) DYNAMICS DURING NEUROMODULATION IN HIPPOCAMPAL INHIBITORY NEURONS**

09:30 - 09:30

Ségolène Bompierre (Nijmegen, Netherlands)

S01-3

**NOVEL HIPPOCAMPAL SYNAPTIC PLASTICITIES AND CIRCUITS. CA1 C'EST BIEN, CA2 C'EST MIEUX**

09:30 - 09:30

Rebecca A Piskorowski (Paris, France)

*Symposium*

09:30 - 11:30

AP

**S02 - From well-being to neuropsychiatric disorders: new insights on the reward circuitry.**

Ana J Rodrigues (Braga, Portugal)

Carole Morel (New York, United States)

S02-1

**Developing inhibitors of dopamine receptor heteromerization in drug addiction and depression**

09:30 - 09:30

Peter Vanhoutte (Paris, France)

S02-2

**Exploring the role of laterodorsal tegmentum inputs to the nucleus accumbens in cocaine reinforcing effects**

09:30 - 09:30

Ana J Rodrigues (Braga, Portugal)

S02-3

**Parallel dopamine circuit dynamics of short and long-term social stress behavioral outcomes**

09:30 - 09:30

Carole Morel (New York, United States)

**Implication of the nucleus accumbens in energy balance: relevance**

09:30 - 09:30

S02-4	<b>for eating disorders?</b> Pierre Trifilieff (Bordeaux, France)	
S02-5	<b>ALTERATION OF EMOTION RECOGNITION IN TWO STRAINS OF MICE EXPRESSING MUTATIONS OF THE ALPHA 5 NICOTINIC RECEPTOR INVOLVED IN ALCOHOL ABUSE: IMPLICATION OF THE BLA-VCA1 PATHWAY</b> Cécile Pagèze (Bordeaux, France)	09:30 - 09:30
<i>Symposium</i> 09:30 - 11:30		
<b>S03 - Cerebellar circuits in neurodevelopmental and neurodegenerative diseases: investigating non-motor functions.</b>		AE
Alexandra Durr (Paris, France) Cécile Gallea (Paris, France)		
S03-1	<b>PROBING THE ROLE OF THE CEREBELLUM IN SENSORIMOTOR LEARNING AND COGNITION</b> Richard Ivry (Berkeley, United States)	09:30 - 09:30
S03-2	<b>CEREBELLAR ACTIVITY IN COGNITIVE ASPECTS OF LEARNING IN DYSTONIA: THE ROLE OF ANTICIPATORY BETA ACTIVITY</b> Martina Bracco (Paris, France)	09:30 - 09:30
S03-3	<b>Cerebellar cognitive affective syndrome in the different subtypes of cerebellar ataxia</b> Giulia Coarelli (Paris, France)	09:30 - 09:30
S03-4	<b>SYNAPTIC DEFICITS IN THE CEREBELLUM OF THE DEVELOPMENTAL PCP MOUSE MODEL OF SCHIZOPHRENIA</b> Beetsi Urrieta-Chavez (Paris, France)	09:30 - 09:30
S03-5	<b>DEEP CEREBELLAR NUCLEI CIRCUITRY AND CONNECTIVITY IN AMYOTROPHIC LATERAL SCLEROSIS</b> Aline Haetty (Montpellier, France)	09:30 - 09:30
<i>Symposium</i> 09:30 - 11:30		
<b>S04 - Brain-body regulation of energy and glucose homeostasis.</b>		SA1
Carole Rovère (Valbonne, France) Alexandre Caron (Québec, Canada)		
S04-1	<b>HYPOTHALAMIC CRABP1-EXPRESSING NEURONS ARE SENSITIVE TO METABOLIC STATUS</b> Alexandre Caron (Québec, Canada)	09:30 - 09:30
S04-2	<b>DIETARY FATTY ACID COMPOSITION DRIVES NEUROINFLAMMATION AND IMPAIRED BEHAVIOR IN OBESITY</b> Clara Sanchez (Valbonne, France)	09:30 - 09:30
S04-3	<b>NEUROTENSIN NEURONS IN THE EXTENDED AMYGDALA CONTROL DIETARY CHOICE AND ENERGY HOMEOSTASIS</b> Alessandro Furlan (Stockolm, Sweden)	09:30 - 09:30
S04-4	<b>MITOCHONDRIA-ASSOCIATED CB1 RECEPTORS: NEW PLAYERS IN THE CONTROL OF ENERGY AND GLUCOSE METABOLISM</b> Camille Allard (Bordeaux, France)	09:30 - 09:30
S05-5	<b>THE PARAVENTRICULAR THALAMUS REGULATES ENERGY METABOLISM AND GLUCOSE HOMEOSTASIS</b> Nejmeh Mashhour (Paris, France)	09:30 - 09:30

*Symposium*

09:30 - 11:30

SA3

**S05 - Cortical Integration of Somatosensation, from Pleasure to Pain.**

Ipek Yalcin (Strasbourg, France)

Ahmed Negm (Montpellier, France)

S05-1	<b>Integration of artificial tactile feedback during learning of a new sensorimotor skill, using a brain-machine interface in the mouse</b> Valérie Ego-Stengel (Saclay, France)	09:30 - 09:30
S05-2	<b>Deciphering distinct cortical circuits in chronic pain and its associated emotional dysregulation</b> Ipek Yalcin (Strasbourg, France)	09:30 - 09:30
S05-3	<b>Sensory and nociceptive coding in the anterior cingulate cortex</b> Thomas Nevian (Bern, Switzerland)	09:30 - 09:30
S05-4	<b>CORTICAL INTEGRATION AND PROCESSING OF SOCIAL AND AFFECTIVE TOUCH IN THE INSULAR CORTEX</b> Ahmed Negm (Montpellier, France)	09:30 - 09:30

*Symposium*

09:30 - 11:30

SR

**S06 - Novel insights into learning a value.**

Magdalena Miranda (Montpellier, France)

S06-1	<b>A novel thalamic circuit for the learning of a relative aversive value in mice</b> Magdalena Miranda (Montpellier, France)	09:30 - 09:30
S06-2	<b>REINFORCEMENT LEARNING BIASES: COMPUTATIONAL MECHANISMS AND ADAPTIVE VALUE</b> Stefano Palminteri (Paris, France)	09:30 - 09:30
S06-3	<b>Thalamo-cortical control of decision value in higher-order motor areas</b> Frédéric Gambino (Bordeaux, France)	09:30 - 09:30
S06-4	<b>NEURAL CIRCUITS OF EMOTIONAL PROCESSING: CEREBELLAR CONTRIBUTIONS TO FEAR LEARNING</b> Jimena L Frontera (Barcelona, Spain)	09:30 - 09:30
S06-5	<b>MAPPING THE CORTICAL CONTRIBUTIONS UNDERLYING A CONTEXT-DEPENDENT GOAL-DIRECTED SENSORIMOTOR TRANSFORMATION</b> Robin Dard (Lausanne, Switzerland)	09:30 - 09:30

*Poster Session*

11:30 - 15:30

L0

**PS01 - Poster presentations**

	<b>4. Integrative, sensory and motor neuroscience</b>	11:30 - 11:30
PS1.067	<b>FUNCTIONAL RECOVERY AND SOMATOSENSORY CORTEX PLASTICITY FOLLOWING FOCAL ISCHEMIC INJURY TO M1</b> Fatemehsadat Abtahi (Marseille, France)	11:30 - 11:30
PS1.068	<b>HIGH-ORDER THALAMIC MODULATION OF AUDITORY CORTICAL CIRCUITS AND ITS ALTERATIONS IN A SCHIZOPHRENIA MOUSE MODEL</b> Baptiste Allain (Paris, France)	11:30 - 11:30
PS1.069	<b>FMRP: NEW INSIGHT AS KEY REGULATOR OF APOPTOSIS-MEDIATED RETINAL DEGENERATION</b>	11:30 - 11:30

	Amir Attallah (Orléans, France)	
PS1.070	<b>BROADCASTING OF GOAL DIRECTION IN THE MOTOR-PARIETAL NETWORK DURING VISUOMOTOR BEHAVIOR</b> Georgios Bardanikas (Marseille, France)	11:30 - 11:30
PS1.071	<b>EXPLORING THE CONTRIBUTION OF SELF- AND EXTERNALLY-GENERATED HEAD MOVEMENTS ON PRIMARY VISUAL CORTEX ACTIVITY IN MICE</b> Adrien Barralis (Orsay, France)	11:30 - 11:30
PS1.072	<b>UNRAVELLING CORTICOSPINAL CONTRIBUTIONS TO LOCOMOTION</b> Charlotte Bichara (Strasbourg, France)	11:30 - 11:30
PS1.073	<b>STABLE STRUCTURE OF CORTICAL POPULATION ACTIVITY IN MOUSE V1</b> Célian Bimbard (London, United Kingdom)	11:30 - 11:30
PS1.074	<b>L-DOPA-INDUCED DYSKINESIA: IMPAIRED STOP SIGNAL FROM ARKYPALLIDAL NEURONS TO THE STRIATUM</b> Léa Bonamy (Bordeaux, France)	11:30 - 11:30
PS1.076	<b>A QUEST FOR CAV3.2 INTERACTOME TO GAIN INSIGHT IN CHRONIC PAIN MECHANISMS</b> Rachel BOURDON-ALONZEAU (Montpellier, France)	11:30 - 11:30
PS1.077	<b>LAYER 1 NDNF INTERNEURONS FORM DISTINCT SUBPOPULATIONS WITH OPPOSITE ACTIVATION PATTERNS DURING SLEEP IN FREELY BEHAVING MICE</b> Aurélie Brécier (Bron, France)	11:30 - 11:30
PS1.078	<b>FUNCTIONAL AND GENETIC STRUCTURE OF SPONTANEOUS DIMENSIONS IN MOUSE VISUAL CORTEX</b> Stéphane Bugeon (Marseille, France)	11:30 - 11:30
PS1.079	<b>ROLE OF STRIATAL INHIBITORY SOMATOSTATIN MICROCIRCUITS IN EXPLORATION-EXPLOITATION BEHAVIORAL BALANCE</b> Maewenn Cazala (Marseille, France)	11:30 - 11:30
PS1.080	<b>AXON MYELINATION ELIMINATES THE NEED FOR NEUROVASCULAR COUPLING IN THE RODENT OPTIC NERVE</b> serge Charpak (PARIS, France)	11:30 - 11:30
PS1.081	<b>FUNCTIONAL EXPRESSION OF THE T-TYPE CAV3.2 CALCIUM CHANNEL IN MALE AND FEMALE HUMAN DRG NEURONS</b> Jean Chemin (Montpellier, France)	11:30 - 11:30
PS1.082	<b>MULTIVARIATE BLA SIGNALS TO M2 SUPPORT LEARNING AND EXECUTION OF INCENTIVE-MOTIVATED BEHAVIOR</b> Nicolas Chenouard (Paris, France)	11:30 - 11:30
PS1.083	<b>LOGIC OF SPATIAL AND FUNCTIONAL ORGANIZATION OF CONNECTIVITY PATTERNS ON STRIATAL PARVALBUMIN AND SOMATOSTATIN INTERNEURONS</b> Juliette Contadini (Marseille, France)	11:30 - 11:30
PS1.084	<b>THE EFFECT OF AN ACUTE BOUT OF MODERATE INTENSITY EXERCISE ON A COMPLEX <i>DE NOVO</i> MOTOR LEARNING TASK</b> Valentin Dallery-Blet (F-62100 Calais, France)	11:30 - 11:30
PS1.085	<b>EXPLORING THE MACAQUE PRECENTRAL GYRAL WHITE MATTER USING 11.7T DMRI</b> Fanny Darrault (Tours, France)	11:30 - 11:30

PS1.086	<b>DIRECTIONALLY TUNED SIGNALS IN MOUSE SUBICULAR COMPLEX AND VISUAL CORTEX DURING PASSIVE ROTATION USING HIGH-DENSITY PROBES</b> Marin Dauguet (Paris, France)	11:30 - 11:30
PS1.087	<b>NEUROANATOMICAL BASIS FOR THE ANTI-NOCICEPTIVE ROLE OF THE RELAXIN-3/RXFP3 PEPTIDERGIC SYSTEM</b> Thibault Dhellemmes (Bordeaux, France)	11:30 - 11:30
PS1.088	<b>ANATOMO-FUNCTIONAL DIVERSITY OF RETICULAR V2A NEURONS FOR LIMB AND CRANIAL NERVE-MEDIATED MOVEMENTS</b> Alexis d'Humières (Saclay, France)	11:30 - 11:30
PS1.089	<b>INVOLVEMENT OF HYPOTHALAMIC A11-SPINAL CORD PATHWAY IN PARKINSON'S DISEASE RELATED PAIN</b> Alexia Duveau (Bordeaux, France)	11:30 - 11:30
PS1.090	<b>MOTOR CORTEX PROJECTIONS TO THE ZONA INCERTA AND THE SUBTHALAMIC NUCLEUS</b> Tereza Dvorakova (Bron, France)	11:30 - 11:30
PS1.091	<b>STRUCTURE BASED IDENTIFICATION OF SMALL MOLECULES INTERACTING WITH AND COUNTERACTING TDP-43 AGGREGATION</b> Lea El Hajjar (Paris, France)	11:30 - 11:30
PS1.092	<b>DECODING THE MOLECULAR COMPLEXITY GOVERNING CORNEAL WOUND CLOSURE <i>IN VIVO</i></b> Nadège Feret (Montpellier, France)	11:30 - 11:30
PS1.093	<b>PROMICE: MULTIDIMENSIONAL CONTROL OF A MOUSE FORELIMB PROSTHESIS</b> Edouard Ferrand (Saclay, France)	11:30 - 11:30
PS1.094	<b>THE GUT-BRAIN VAGAL AXIS GOVERNS MESOLIMBIC DOPAMINE DYNAMICS AND REWARD EVENTS</b> Giuseppe Gangarossa (Paris, France)	11:30 - 11:30
	<b>5. Neuroendocrinology and integrative physiology</b>	11:30 - 11:30
PS1.096	<b>THE ADDICTION-SUSCEPTIBILITY POLYMORPHISM TAQIA/ANKK1: ROLE IN METABOLIC-ASSOCIATED DISORDERS</b> Fanny BAIN (Paris, France)	11:30 - 11:30
PS1.097	<b>THE LIFELONG ROLE OF GDH IN SPATIAL METABOLIC SHIFTS WITHIN THE HIPPOCAMPUS</b> Marta Balkota (Geneve, Switzerland)	11:30 - 11:30
PS1.098	<b>METFORMIN REQUIRES TANYCYTIC LEPTIN CENTRAL TRANSPORT TO MEDIATE ITS ANTI-OBESITY EFFECT</b> Eleonora Deligia (Lille, France)	11:30 - 11:30
PS1.099	<b>A RECIPROCAL INTERPLAY BETWEEN METABOTROPIC GLUTAMATE RECEPTOR 2 AND ASSOCIATED SALT-INDUCED KINASE 3</b> Candice Disdier (Montpellier, France)	11:30 - 11:30
	<b>6. Cognitive, affective and behavioral neuroscience, neuroethology</b>	11:30 - 11:30
PS1.100	<b>INVESTIGATING CEREBELLAR CONTRIBUTION TO AUTISM SPECTRUM DISORDER: A COMPARATIVE STUDY OF GLOBAL AND CEREBELLUM-SPECIFIC SHANK3 KO MICE</b> Juliette Archimbaud (Paris, France)	11:30 - 11:30
PS1.101	<b>LIFESPAN SLEEP ALTERATION IN MICE MODELLING THE</b>	11:30 - 11:30

	<b>HUMAN NEUROMELANIN ACCUMULATION IN CATECHOLAMINERGIC NEURONS</b> Sébastien Arthaud (BRON, France)	
PS1.103	<b>LONG-LIVED ADULT-BORN HIPPOCAMPAL NEURONS PROMOTE SUCCESSFUL COGNITIVE AGING</b> Nicolas Blin (Bordeaux, France)	11:30 - 11:30
PS1.104	<b>COST-EFFICIENT EMOTION PREDICTION: A NEW COMPUTATIONAL APPROACH TO UNDERSTAND HOW EMOTIONS INFLUENCE THE COGNITIVE CONTROL PROCESSES</b> Valentin BRAUD (Salon Air, France)	11:30 - 11:30
PS1.105	<b>THE ROLE OF NON-CLINICAL TRAITS IN INDIVIDUAL DIFFERENCES IN THE INTERPLAY BETWEEN STATISTICAL LEARNING AND COGNITIVE CONTROL FUNCTIONS</b> Bianka Brezóczi (Budapest, Hungary)	11:30 - 11:30
PS1.106	<b>BRAIN MIRNA EXPRESSION ASSOCIATED WITH COMPULSIVE-LIKE COCAINE SEEKING IN RAT</b> Elodie CACCOMO-GARCIA (Marseille, France)	11:30 - 11:30
PS1.107	<b>EVOLUTION OF NEURONAL COMPUTATIONS UNDERLYING NAVIGATION</b> Jose Patricio CASANOVA (Paris, France)	11:30 - 11:30
PS1.108	<b>A FLEXIBLE TWO-PHOTON ENDOSCOPE FOR IN-DEPTH ALL-OPTICAL CIRCUIT MANIPULATION IN FREELY BEHAVING MICE</b> Rafael Castillo Negrete (Paris, France)	11:30 - 11:30
PS1.109	<b>EXPLORING ATTENTIONAL MECHANISMS UNDERLYING VALUE NORMALIZATION IN HUMAN REINFORCEMENT LEARNING</b> Romane Cecchi (Paris, France)	11:30 - 11:30
PS1.110	<b>DISSOCIATING THE FUNCTIONAL ROLE OF THE PARA-HIPPOCAMPAL AND THE PARIETAL CORTEX IN HUMAN MULTI-STEP REINFORCEMENT LEARNING</b> Fabien Cerrotti (Paris, France)	11:30 - 11:30
PS1.111	<b>DISSECTING AVOIDANCE BEHAVIORS IN ANXIETY : A NOVEL MULTIMODAL APPROACH WITH ACTIVE PLACE AVOIDANCE</b> Alexandre Chambard (Montpellier, France)	11:30 - 11:30
PS1.112	<b>THE ROLE OF NOREPINEPHRINE IN THE MEDIAL PREFRONTAL CORTEX IN MAINTAINING SOCIAL STRUCTURE IN RODENTS</b> Eva Cherepanov (Strasbourg, France)	11:30 - 11:30
PS1.113	<b>EXPERIMENTAL AND THEORETICAL STUDY OF RODENT LEARNING IN UNCERTAIN AND VOLATILE ENVIRONMENTS</b> Coline Chevallier (Montpellier, France)	11:30 - 11:30
PS1.114	<b>MAPPING DISTRIBUTED CORTICAL NETWORKS FOR AUDITORY PROCESSING IN DOGS USING DIFFUSION MRI</b> Mélina Cordeau (Cambridge, United States)	11:30 - 11:30
PS1.115	<b>DOPAMINE TRANSMISSION IN THE ANTERIOR INSULA SHAPES THE NEURAL CODING OF ANXIETY</b> Yoni Couderc (Bordeaux, France)	11:30 - 11:30
PS1.116	<b>SUGAR LIKING AS A COMMON INDICATOR OF IMPULSIVITY IN DELAY DISCOUNTING AND RISK TAKING TASKS</b> Anna Davidovich (Moscow, Russian Federation)	11:30 - 11:30
PS1.117	<b>BLA CIRCUITS UNDERLYING EMOTIONAL BIASES IN A MALE AND FEMALE MOUSE MODEL FOR DEPRESSION</b> Claire-Helene DE BADTS (Paris, France)	11:30 - 11:30

PS1.118	<b>WILLINGNESS TO EAT FOODS IN ANOREXIA PATIENTS CAN BE MODULATED BY MEDICATION IN RECENT COMPARED TO CHRONIC PATIENTS</b> Justine Debatisse (Lyon, France)	11:30 - 11:30
PS1.119	<b>NEURAL MECHANISMS OF SELF PACED, GOAL-DIRECTED BEHAVIOR</b> Emma Debos (Montpellier, France)	11:30 - 11:30
PS1.120	<b>INVESTIGATION INTO THE ACTIVITY OF CLAUSTRUM INTERNEURONS ACROSS DIFFERENT BRAIN STATES</b> Alison Deborah Do (Edmonton, Canada)	11:30 - 11:30
PS1.121	<b>PREDICT BEFORE YOU SPEAK: INTRACRANIAL RECORDINGS OF COVERT AND OVERT SPEECH</b> Taisha Donnelly (Grenoble, France)	11:30 - 11:30
PS1.122	<b>SEXUAL DIMORPHISM IN NEURONAL CB1 RECEPTORS MODULATION OF OBESOGENIC DIET-INDUCED MEMORY DEFICITS</b> Eva-Gunnel Ducourneau (Bordeaux, France)	11:30 - 11:30
PS1.123	<b>SPATIAL NAVIGATION STRATEGIES IN THE FREELY MOVING COMMON MARMOSET</b> Nada El Mahmoudi (Marseille, France)	11:30 - 11:30
PS1.124	<b>A NOVEL SURFACE-BASED PROBABILISTIC ATLAS OF THE ANTERIOR MEDIAL TEMPORAL LOBES: TEMPOROPOLAR, ENTORHINAL, PERIRHINAL, AND PARAHIPPOCAMPAL CORTEX</b> Ian Faul (New Orleans, United States)	11:30 - 11:30
PS1.125	<b>VENTRAL TEGMENTAL AREA DOPAMINERGIC NEURONS MEDIATE EXERCISE MOTIVATION BUT NOT PERFORMANCE</b> Rim Fayad (Bordeaux, France)	11:30 - 11:30
PS1.126	<b>NORADRENALINE NEUROMODULATION IN AGING: PRELIMINARY MRI IMAGING RESULTS</b> Marie Fourteau (Toulouse, France)	11:30 - 11:30
PS1.127	<b>STRIATAL 5-HT<sub>6</sub> RECEPTORS MODULATE THE ACTIVITY OF CORTICO-STRIATAL CIRCUITS INVOLVED IN MOTIVATION: A STUDY COMBINING BEHAVIORAL PHARMACOLOGY WITH FUNCTIONAL CONNECTIVITY IN NON-HUMAN PRIMATES</b> Lisa Gauthier (Lyon, France)	11:30 - 11:30
PS1.128	<b>FUNCTIONAL ROLE OF THE GLUTAMATERGIC BRIDGE LINKING VTA, BNST, AND ANXIETY</b> Joana Gomes-Ribeiro (Valbonne, France)	11:30 - 11:30
PS1.129	<b>IMPACT OF PRENATAL STRESS ON SOCIAL BEHAVIOR AND SENSORY INTEGRATION MEDIATED BY DISRUPTED PLEASANT TOUCH PROCESSING IN ADULTS MICE</b> Chloé Granat (Montpellier, France)	11:30 - 11:30
PS1.130	<b>ANATOMICAL AND FUNCTIONAL MAPPING OF NUCLEUS REUNIENS CONNECTIVITY IN MEMORY AND EMOTION PROCESSING</b> Maddalena Pieroni (Segrate, Italy)	11:30 - 11:30
PS1.131	<b>WHOLE-BRAIN CHARACTERIZATION OF IMMEDIATE EARLY GENES CFOS ARC AND NPAS4 FOLLOWING LEARNING</b> Linda Maria Reque (Valbonne, France)	11:30 - 11:30
	<b>7. Theoretical and computational neuroscience</b>	11:30 - 11:30
PS1.132	<b>UNVEILING HOMEOSTATIC AND HEBBIAN PLASTICITY</b>	11:30 - 11:30

**MECHANISMS IN THE BASOLATERAL AMYGDALA**

Tulio Almeida (Paris, France)

PS1.133	<b>BETA RHYTHM MODULATION BY DECISION MAKING IN A MODEL OF THE MONKEY BASAL GANGLIA</b> Jeanne BARTHELEMY (Paris, France)	11:30 - 11:30
PS1.134	<b>MODELING NEUROVASCULAR COUPLING</b> Léa Benyakar (Paris, France)	11:30 - 11:30
PS1.135	<b>ABBA+BRAIAN, A NOVEL OPEN-SOURCE PIPELINE FOR 2D TO 3D WHOLE-BRAIN MAPPING</b> Carlo Castoldi (Valbonne, France)	11:30 - 11:30
PS1.136	<b>SIGNAL PROPAGATION IN BASIN-2 NEURONS</b> Mikal Daou (Gif-sur-Yvette, France)	11:30 - 11:30

*Poster Session*

11:30 - 15:30

A2

**PS01 - Poster presentations****1. Neurodevelopment**

		11:30 - 11:30
PS1.001	<b>MAPPING THE BRAIN ACTIVITY INVOLVED IN THE FIRST SUCKLING IN WILD TYPE NEWBORN MICE AND IN A MOUSE MODEL OF PRADER-WILLI SYNDROME</b> Marie-Sophie Alifrangis (Marseille, France)	11:30 - 11:30
PS1.002	<b>THE SYNAPTIC ROLE OF CADHERIN-13, A PROTEIN ASSOCIATED WITH AUTISM SPECTRUM DISORDERS (ASD)</b> Maëlle Avrillon (Montpellier, France)	11:30 - 11:30
PS1.003	<b>VIRUS-AGAINST-VIRUS DOMINANT-NEGATIVE INTERFERENCE STRATEGY TARGETING A VIRAL CC CHEMOKINE PREVENTS CYTOMEGALOVIRUS-RELATED NEURODEVELOPMENTAL PATHOGENESIS</b> Sylvian Bauer (Marseille, France)	11:30 - 11:30
PS1.004	<b>DLX5/6 INVOLVEMENT IN THE POSTNATAL MATURATION OF CORTICAL PARVALBUMIN NEURONS DURING CRITICAL PERIODS</b> Lou Belz (Paris, France)	11:30 - 11:30
PS1.005	<b>IMPLICATION OF THE ENDOTHELIAL NMDA RECEPTOR ON FATE OF CORTICAL OLIGODENDROCYTES: IMPACT ON SENSORIMOTOR BEHAVIOR</b> Alexandre Beranger (Rouen, France)	11:30 - 11:30
PS1.006	<b>A RECURRENT <i>TRIO</i> GAIN-OF-FUNCTION VARIANT IMPACTS NEURODEVELOPMENT <i>IN VIVO</i></b> Jeanne Bernard (Montpellier, France)	11:30 - 11:30
PS1.007	<b>ELONGATION OF MEST RNA INTO EXTRA-LONG RNAs DRIVES COPG2 NEURONAL-SPECIFIC IMPRINTING DURING CORTICOGENESIS</b> Anne-Charlotte Fromaget (Montpellier, France)	11:30 - 11:30
PS1.008	<b>CBD EXPOSURE DURING PREGNANCY ALTERS PFC NEURONAL SYNAPTIC BALANCE IN ADULTHOOD</b> Alba Cáceres-Rodríguez (Marseille, France)	11:30 - 11:30
PS1.009	<b>CHARACTERIZATION OF THE PATHOGENICITY OF CLINICAL VARIANTS OF THE CORE AUTOPHAGY GENE ATG7 FOUND IN A FETUS WITH BRAIN MALFORMATION</b> Marion Carpentier (Lyon, France)	11:30 - 11:30



PS1.010	<b>NEW APPROACHES TO STUDY THE IMPACT OF PATHOGENIC NR2F1 MUTATIONS ON BRAIN DEVELOPMENT</b> Paul Cassini (Nice, France)	11:30 - 11:30
PS1.011	<b>BIOLOGICALLY GROUNDED ON-CHIP MODEL IDENTIFIES SELECTIVE TOPOGRAPHIC REORGANIZATION WITHIN HYPEREXCITABLE CORTICOSTRIATAL NETWORKS</b> Maxime Cazorla (Marseille, France)	11:30 - 11:30
PS1.012	<b>DEVELOPMENTAL CHANGES IN SYNAPTIC CONNECTIVITY BETWEEN CCK+ BASKET CELLS AND PYRAMIDAL NEURONS IN THE HIPPOCAMPAL CA1 CIRCUITRY DURING THE FIRST AND SECOND POSTNATAL WEEKS</b> Tarik Col (Marseille, France)	11:30 - 11:30
PS1.013	<b>NEURO-IMMUNE FOREBRAIN ASSEMBLOIDS FROM C9ORF72 AND GRN MUTANT HIPSC</b> Gabin Devely (Paris, France)	11:30 - 11:30
PS1.014	<b>A BDNF/LKB1/NUAK1 SIGNALING PATHWAY REGULATES THE DEVELOPMENT AND FUNCTION OF CORTICAL CIRCUITS IN THE MOUSE</b> Géraldine Meyer-Dilhet (Lyon, France)	11:30 - 11:30
	<b>2. Neuro-excitability, synapse and glia</b>	11:30 - 11:30
PS1.015	<b>INCREASE OF INPUT SYNCHRONY FACILITATION BY NEUROMODULATION AND HOMEOSTATIC PLASTICITY OF SODIUM CHANNELS</b> Fabrice Abate (Marseille, France)	11:30 - 11:30
PS1.016	<b>HIPPOCAMPAL CIRCUIT UNDERLYING THE ENCODING OF NOVEL APPETITIVE FOOD</b> Hazim Eldirdiri ABDELRAHMAN (Paris, France)	11:30 - 11:30
PS1.017	<b>DYNAMICS OF EXTRACELLULAR POTASSIUM CONCENTRATION DURING NEURONAL NETWORK ACTIVITY IN HIPPOCAMPAL SLICES OF ADULT MOUSE</b> Kabeer Abubakar (Marseille, France)	11:30 - 11:30
PS1.018	<b>DECIPHERING THE MOLECULAR MECHANISMS INVOLVED IN ATP RELEASE BY ASTROCYTES USING BIOSENSOR</b> Negar Ahmadi (Montpellier, France)	11:30 - 11:30
PS1.019	<b>GENERALIZATION AND PLASTICITY OF SYNCHRONY-DEPENDENT REGULATION OF SYNAPTIC TRANSMISSION</b> Chaima Ajal (Marseille, France)	11:30 - 11:30
PS1.020	<b>GLUTAMATE PARTNER DRIVE I-GLUTAMYL-DIPEPTIDE EFFECTS ON IONOTROPIC AND METABOTROPIC GLUTAMATE RECEPTORS</b> Sandro ANDREU (Montpellier, France)	11:30 - 11:30
PS1.021	<b>CALCIUM AND CAMP INTERPLAYS DURING NEURONAL PLASTICITY <i>IN VITRO</i></b> Aragorn Velez (Montpellier, France)	11:30 - 11:30
PS1.022	<b>APP-DERIVED AETA PEPTIDE REGULATES BRAIN NETWORK DYNAMICS</b> Benjamin Azoulay (VALBONNE, France)	11:30 - 11:30
PS1.023	<b>MITOCHONDRIA-MEDIATED CALCIUM SIGNALING AS A KEY REGULATOR OF OLIGODENDROCYTE DIFFERENTIATION IN DEMYELINATED LESIONS</b> Roxane Bancel Vega (Paris, France)	11:30 - 11:30
PS1.024	<b>INVESTIGATING THE ROLE OF PYRAMIDAL CELLS IN THE</b>	11:30 - 11:30

	<b>DEREGULATION OF NEUROVASCULAR COUPLING IN ALZHEIMER'S DISEASE</b> Esther Belzic (Paris, France)	
PS1.025	<b>CULTURED ADULT HUMAN BRAIN EXPLANTS TO INVESTIGATE THE ROLE OF EXTRACELLULAR VESICLES IN NETWORK ELECTROPHYSIOLOGICAL ACTIVITY</b> Corentin Bernou (Montpellier, France)	11:30 - 11:30
PS1.026	<b>GLYCINE RECEPTORS REGULATE STRIATAL CHOLINERGIC INTERNEURONS AND DOPAMINE RELEASE</b> Simon Bossi (Oxford, United Kingdom)	11:30 - 11:30
PS1.027	<b>IL-33/ST2 AXIS: KEY REGULATOR OF SATELLITE GIAL CELL NEUROINFLAMMATORY RESPONSES IN DORSAL ROOT GANGLIONS</b> Atika bouzar (Orleans Cedex 2, France)	11:30 - 11:30
PS1.028	<b>TECHNOLOGICAL DEVELOPMENT TO MEASURE SPATIO-TEMPORAL DYNAMICS OF MULTIPLE SIGNALING PATHWAYS INDUCING SYNAPTIC PLASTICITY</b> Camille CARPENA (Montpellier, France)	11:30 - 11:30
PS1.030	<b>ALTERATION OF LTD-PRUNING SEQUENCE IN ASD MODEL OF SHANK3 HOMO AND HETEROZYGOSITY</b> Meera Chandra (Bordeaux, France)	11:30 - 11:30
PS1.031	<b>A 5' IN-FRAME MCITRINE KNOCK-IN OF SCN1A TO CHARACTERIZE THE CELLULAR AND SUBCELLULAR LOCATION OF NA<sub>v</sub>1.1</b> Alexis Chaussy (Montpellier, France)	11:30 - 11:30
PS1.032	<b>COMPARISON OF NEUROINFLAMMATION AT AND AROUND THE LESION SITE BETWEEN TWO DIFFERENT MOUSE MODELS OF CERVICAL SPINAL CORD INJURY</b> Wei CHEN (Paris, France)	11:30 - 11:30
PS1.033	<b>MICROGLIAL DYNAMICS DURING SLEEP: THE IMPACT OF FRACTALKINE ACROSS THE INACTIVE PERIOD</b> Kassandre COMBET (Lyon, France)	11:30 - 11:30
	<b>3. Neurological and psychiatric diseases, experimental therapeutics</b>	11:30 - 11:30
PS1.035	<b>LONGITUDINAL NEURAL TRAJECTORIES LINKING SLEEP DISTURBANCES AND DEPRESSION</b> Mohamed Abdelhack (Toronto, Canada)	11:30 - 11:30
PS1.036	<b>NANOBODY-BASED FRET BIOSENSORS TO QUANTIFY ENDOGENOUS GROUP I METABOTROPIC GLUTAMATE RECEPTORS</b> Ugo Alenda (Montpellier, France)	11:30 - 11:30
PS1.037	<b>BEHAVIORAL AND GENE EXPRESSION ANALYSIS OF TWO POLYGENIC MOUSE MODELS OF MAJOR DEPRESSIVE DISORDERS</b> Claire Altersitz (Créteil, France)	11:30 - 11:30
PS1.038	<b>ALPHA-SYNUCLEIN DISRUPTS OLIGODENDROGLIAL LINEAGE PROGRESSION IN EXPERIMENTAL MODELS OF MULTIPLE SYSTEM ATROPHY</b> Anaïs Balbous (Poitiers, France)	11:30 - 11:30
PS1.039	<b>RANDOMIZED CONTROLLED TRIAL TO EVALUATE THE EFFICACY OF A MEDITATIVE RELAXATION PRACTICE ON QUALITY OF LIFE AND STRESS REDUCTION IN MULTIPLE SCLEROSIS PATIENTS</b> Siddhiraj BANJAC (Marseille, France)	11:30 - 11:30

PS1.040	<b>PHARMACOLOGICAL MODULATION OF D2 DOPAMINE RECEPTOR-EXPRESSING STRIATAL PROJECTION NEURONS ACTIVITY TO ALLEVIATE AUTISTIC-LIKE SYMPTOMS IN RETT SYNDROME</b> Jerome A.J. Becker (Tours, France)	11:30 - 11:30
PS1.041	<b>ORIGIN OF A PARADOXAL GABA INCREASE IN THE EPILEPTOGENIC ZONE IN A MOUSE MODEL OF MESIO-TEMPORAL LOBE EPILEPSY</b> Camille Beets (La Tronche, France)	11:30 - 11:30
PS1.042	<b>DAILY INTERMITTENT FASTING IS AN EFFECTIVE MULTISCALE TREATMENT IN PRECLINICAL MODELS OF ABSENCE EPILEPSY</b> Federica Bertaso (Montpellier, France)	11:30 - 11:30
PS1.043	<b>ANATOMICAL AND FUNCTIONAL STUDY OF THE LOCUS-COERULEUS NORADRENERGIC SYSTEM PROJECTIONS TO THE RAPHE NUCLEUS IN RESPONSE TO CHRONIC STRESS</b> Maud Blaise (Paris, France)	11:30 - 11:30
PS1.044	<b>LIGHT-CONTROLLED UNCAGING OF A MGLU4 POSITIVE ALLOSTERIC MODULATOR RESTORES SOCIAL BEHAVIOR IN A MOUSE MODEL OF AUTISM</b> Florian Bolot (Tours, France)	11:30 - 11:30
PS1.045	<b>SINGLE-NUCLEUS TRANSCRIPTOMIC ANALYSIS OF AGEING IN THE MOUSE LEMUR PREFRONTAL CORTEX</b> Clémence Su (Evry, France)	11:30 - 11:30
PS1.046	<b>THE PSYCHEDELIC LSD INDUCES A FAST ANTIDEPRESSANT RESPONSE IN NAIVE RATS, BUT NOT MICE, VIA 5-HT2B RECEPTOR'S MODULATION</b> Amel Bouloufa (Bron, France)	11:30 - 11:30
PS1.047	<b>IDENTIFICATION OF THE MOLECULAR PARTNERS OF ACETYLCHOLINE-GLUTAMATE COTRANSMISSION IN SYNAPTIC VESICLES OF STRIATAL CHOLINERGIC INTERNEURONS</b> Lucille Boyer (Paris, France)	11:30 - 11:30
PS1.048	<b>CXS003, A COMBINATION OF ANTIDIABETICS, ACHIEVES NEUROPROTECTION IN A CELLULAR MODEL AND BEHAVIORAL IMPROVEMENT IN RATS SUFFERING FROM PARKINSONISM</b> guillaume brachet (fondettes, France)	11:30 - 11:30
PS1.049	<b>DECIPHERING THE IMPACT OF DYRK1A GENE DOSAGE IN GABAERGIC NEURONS OF MOUSE MODELS FOR DYRK1A HAPLOINSUFFICIENCY AND DOWN SYNDROMES</b> Véronique Brault (Illkirch, France)	11:30 - 11:30
PS1.050	<b>THALAMOCORTICAL CONNECTIVITY AND SLEEP DISRUPTION IN ALZHEIMER'S DISEASE: CORRELATIONS WITH COGNITIVE DEFICITS</b> Carla BURNET-MERLIN (Lyon, France)	11:30 - 11:30
PS1.051	<b>IMPACT OF ALZHEIMER'S DISEASE ON SUPRACHIASMATIC NUCLEUS CONNECTIVITY, SLEEP REGULATION AND CIRCADIAN RHYTHM</b> Hugo Calligaro (La Jolla, United States)	11:30 - 11:30
PS1.052	<b>ASSESSING TAGLN3 THERAPEUTIC EFFECTS IN ALZHEIMER'S DISEASE MOUSE MODELS</b> Maria-Angeles Carrillo-de Sauvage (Saclay, France)	11:30 - 11:30
PS1.053	<b>BRAIN-DELIVERY OF SIRNAS USING ENGINEERED NANOBODIES THAT CROSS THE BBB FOR ALZHEIMER'S DISEASE APPLICATIONS</b> Charline Chalbot (Marseille, France)	11:30 - 11:30

PS1.054	<b>STRIATAL INTERDEPENDENCIES IN FOCAL SEIZURES: INSIGHTS FROM SEEG FUNCTIONAL CONNECTIVITY ANALYSIS</b>	11:30 - 11:30
PS1.055	<b>PALMITOYLATION AS A NEW THERAPEUTIC TARGET FOR HUNTINGTON DISEASE</b> Tapuwanashe Chikoore (Grenoble, France)	11:30 - 11:30
PS1.056	<b>CONTACTLESS DETECTION OF SLEEP APNEA-HYPOPNEA USING 60GHZ FREQUENCY-MODULATED CONTINUOUS WAVE RADAR (FMCW) AND DECISION TREE MACHINE LEARNING</b> Jae Woook Cho (Yangsan, Korea, Republic of)	11:30 - 11:30
PS1.057	<b>AN UNSUAL CASE OF A FORAMEN OF MONRO CAVERNOMA: PREOPERATIVE DIAGNOSTIC DILEMMA AND MANAGEMENT CHALLENGES IN A LOW RESOURCE SETTING</b> Ed Sherman Chu (Davao City, Philippines)	11:30 - 11:30
PS1.058	<b>DIFFERENCES IN THE PATHOLOGY OF EXPERIMENTAL CEREBRAL MALARIA ACCORDING TO THE BIOLOGICAL SEX - AN MRI STUDY</b> Alicia Comino Garcia-Munoz (Marseille, France)	11:30 - 11:30
PS1.059	<b>TOWARDS INNOVATIVE STRATEGIES : NEW MULTI-TARGET DIRECTED LIGAND FAMILY AS PLEIOTROPIC TREATMENT OF ALZHEIMER'S DISEASE</b> Thomas Curel (Montpellier, France)	11:30 - 11:30
PS1.060	<b>SEX-SPECIFIC SOCIABILITY DEFICITS IN THE ZQ175 MOUSE LINE MODEL OF HUNTINGTON'S DISEASE</b> Baptiste Dayre (Paris, France)	11:30 - 11:30
PS1.061	<b>PREDICTING COMPULSIVE-LIKE COCAINE SEEKING IN RATS WITH CORRELATED PATHOLOGICAL OSCILLATIONS IN THE PREFRONTAL CORTEX AND SUBTHALAMIC NUCLEUS</b> Jeanne-Laure de Peretti (Marseille, France)	11:30 - 11:30
PS1.062	<b>BRAIN-PENETRATING NANOBODIES ILLUSTRATE MECHANISMS OF BRAIN ENTRY</b> Séverine Diem (Montpellier, France)	11:30 - 11:30
PS1.063	<b>CELL-TYPE SPECIFIC EPIGENOMIC MECHANISMS OF OPIOIDS</b> Margot Diringier (Strasbourg, France)	11:30 - 11:30
PS1.064	<b>EFFECT OF TRANSCRANIAL PHOTOBIMODULATION ON TASK-RELATED BRAIN ACTIVITY: A FMRI STUDY IN YOUNG HEALTHY SUBJECTS</b> Marjorie Dole (Grenoble, France)	11:30 - 11:30
PS1.065	<b>DOES THE SHORT VARIANT OF SLC6A4 ALTER THE MIRNA LANDSCAPE IN THE BRAIN?</b> Gabrielle Dolisie (Marseille, France)	11:30 - 11:30
PS1.066	<b>DOES THE ADDICTION-SUSCEPTIBILITY TAQ1A/ANKK1 POLYMORPHISM REGULATE D2R-DEPENDENT DOPAMINE TRANSMISSION AND REWARD-RELATED BEHAVIORS?</b> Fabien Ducrocq (Bordeaux, France)	11:30 - 11:30

*Special Session*

13:00 - 14:00

AP

**SP01 - Glutamate and GABA metabotropic receptors: revolutionary ancestors**

Jeanne Ster (Montpellier, France)

SP01.1	<b>Glutamate and GABA metabotropic receptors: revolutionary ancestors</b> Jean-Philippe Pin (Montpellier, France)	13:00 - 13:00
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*Special Session*

13:00 - 14:00

AE

**SP02 - A woman neuroscientist's journey**

Stéphanie Trouche (Montpellier, France)

SP03.1

**A woman neuroscientist's journey**

13:00 - 13:00

Patricia Gaspar (Paris, France)

Claire Rampon (Toulouse, France)

*Special Session*

13:00 - 14:00

SA3

**SP03 - Can we replace animal models? - Organized by the Young Researcher's Office**

Mickaël Pereira (La Tronche, France)

SP02.1

**Can we replace animal models?**

13:00 - 13:00

Alan Dubois (Paris, France)

Hugues Berry (Lyon, France)

Agathe Figarol (Besancon, France)

*Symposium*

15:30 - 17:30

AB

**S07 - Prefrontal neuromodulation for adaptive behaviour.**

Etienne Coutureau (Bordeaux, France)

S07-1

**ADOLESCENT EXPOSURE TO DRUGS OF ABUSE SHAPES MESOCORTICOLIMBIC DOPAMINE DEVELOPMENT AND ADULT VULNERABILITY**

15:30 - 15:30

Lauren Reynolds (Paris, France)

S07-2

**Orbitofrontal noradrenaline acts as an early gate for reversal learning**

15:30 - 15:30

Alessandro Piccin (Bordeaux, France)

S07-3

**Pathway-specific chemogenetic modulation of Noradrenergic input to prefrontal cortex in macaque.**

15:30 - 15:30

Clémence Gandraux (Bron, France)

S07-4

**ADAPTING PREDICTIVE CODES TO ENVIRONMENTAL CONTROLLABILITY: FROM THE PREFRONTAL CORTEX TO THE BRAIN STEM**

15:30 - 15:30

Romain Ligneul (Bron, France)

S12-5

**IMPLICATION OF MESOCORTICOLIMBIC DOPAMINE TRANSMISSION IN BEHAVIORAL FLEXIBILITY: A ROLE FOR DOPAMINE AND NMDA RECEPTOR HETEROMERS**

15:30 - 15:30

Anna Petitbon (Bordeaux, France)

*Symposium*

15:30 - 17:30

AP

**S08 - Hippocampal neurogenesis and astrogenesis across different stages of the lifespan.**

Emilie Pacary (Bordeaux, France)

Noelia Urban (Vienna, Austria)

S08-1

**Cellular plasticity and early network alterations in the hippocampus during neurodegeneration**

15:30 - 15:30

Gregor-Alexander Pilz (Munich, Germany)

S08-2

**A full, dynamic view of neural stem cell quiescence**

15:30 - 15:30

Noelia Urban (Vienna, Austria)

S08-3

**Role of astrocytes in the regulation of adult hippocampus function and plasticity**

15:30 - 15:30

Ruth Beckervordersandforth (Erlangen, Germany)

S08-4	<b>DEVELOPMENTAL AND ADULT NEUROGENESIS IN THE DENTATE GYRUS: DO THESE PROCESSES GENERATE SIMILAR NEURONS?</b> Pierre Mortessagne (Bordeaux, France)	15:30 - 15:30
S08-5	<b>DOES HIPPOCAMPAL NEUROGENESIS MEDIATE THE BUFFERING EFFECTS OF SOCIAL EXPERIENCE AFTER SOCIAL DEPRIVATION?</b> Carolina Nabais (Bordeaux, France)	15:30 - 15:30

*Symposium*

15:30 - 17:30

AE

**S09 - Mitochondria in Brain Physiology and Pathology: Mechanistic Insights and Clinical Implications.**

Michele Studer (Nice, France)

Silvia De Marchis (Orbassano (TO), Italy)

S09-1	<b>Mitochondrial cannabinoid receptors: from metabolism to signaling to behavior.</b> Giovanni Marsicano (Bordeaux, France)	15:30 - 15:30
S09-2	<b>MicroRNAs Modulation: a novel frontier in the treatment of mitochondrial-mediated neurodegeneration</b> Alessia Indrieri (Pozzuoli, Italy)	15:30 - 15:30
S09-3	<b>Impaired regulation of cytosolic iron homeostasis in Friedreich ataxia</b> Agnès Rotig (Paris, France)	15:30 - 15:30
S09-4	<b>SURF1 dysfunction in Leigh Syndrome: from molecular mechanisms to perinatal therapeutic strategies</b> Dario Brunetti (Milano, Italy)	15:30 - 15:30
S09-5	<b>MITOCHONDRIAL REGULATION IN THE PHYSIOPATHOLOGY OF THE NEURODEVELOPMENTAL DISORDER BBSOAS: INSIGHTS FROM THE ADULT MOUSE BRAIN AND HUMAN IPSC-DERIVED NEURONS</b> Eleonora Dallorto (Torino, Italy)	15:30 - 15:30

*Symposium*

15:30 - 17:30

SA1

**S10 - Molecular and cellular mechanisms of spinal cord regeneration.**

Homaira Nawabi (La Tronche, France)

Stephane Belin (La Tronche, France)

S10-1	<b>Role of the Mitochondria-Microtubule relationship in the axon fate after traumatic injury: an in vitro study.</b> Sylvia Soares (Paris, France)	15:30 - 15:30
S10-2	<b>Translational control of central nervous system regeneration</b> Stephane Belin (La Tronche, France)	15:30 - 15:30
S10-3	<b>UNRAVELING AND MANAGING SPASTICITY AFTER A SPINAL CORD INJURY</b> Frédéric Brocard (Marseille, France)	15:30 - 15:30
S10-4	<b>DCX INDUCED REGENERATION IN THE CENTRAL NERVOUS SYSTEM</b> Racha Al Tannir (Grenoble, France)	15:30 - 15:30
S10-5	<b>FUNCTIONAL ANALYSIS OF NEW MOLECULAR MARKERS OF MOTONEURONS VULNERABLE TO AMYOTROPHIC LATERAL SCLEROSIS</b> Youssef Issa (Montpellier, France)	15:30 - 15:30

*Symposium*

15:30 - 17:30

SA3

**S11 - Exploring the Role of Parvalbumin interneurons in Neurological Diseases.**

Mathieu Thabault (Cork, Ireland)

Laurie Galvan (Nîmes, France)

S11-1	<b>Dysfunction of parvalbumin-expressing interneurons in the primary motor cortex in experimental Parkinson's disease</b> Jérôme Baufreton (Bordeaux cedex, France)	15:30 - 15:30
S11-2	<b>Involvement of striatal Parvalbumin interneurons in the motor symptoms in Autism Spectrum Disorders</b> Laurie Galvan (Nîmes, France)	15:30 - 15:30
S11-3	<b>Impact of early aversive experiences on parvalbumin expressing neurons. Implications for psychiatric disorders</b> Juan Nacher (valencia, Spain)	15:30 - 15:30
S11-4	<b>EXOSOMAL MITOCHONDRIAL MARKERS AND GAMMA SYNCHRONY AS BIOMARKERS OF PARVALBUMIN INTERNEURONS, PSYCHOPATHOLOGY, AND NEUROCOGNITION IN SCHIZOPHRENIA</b> Ines Khadimallah (Lausanne, Switzerland)	15:30 - 15:30

*Symposium*

15:30 - 17:30

SR

**S12 - Is the Claustrum the conductor of sleeping brain oscillations?**

Romain Goutagny (Strasbourg, France)

Thierry Bal (Gif-sur-Yvette, France)

S12-1	<b>A role for delta waves in memory consolidation</b> Ralitsa Todorova (Ithaca, NY, United States)	15:30 - 15:30
S12-2	<b>Sleep-like oscillation in the claustrum network in vitro</b>	15:30 - 15:30
S12-3	<b>A ROLE FOR THE CLAUSTRUM IN SLEEP-DEPENDENT MEMORY CONSOLIDATION</b> Romain Goutagny (Strasbourg, France)	15:30 - 15:30
S12-4	<b>A role for the midline thalamus in sleep-dependent memory consolidation</b> Audrey Hay (Bron, France)	15:30 - 15:30

*Plenary Lecture*

17:30 - 18:00

AB

**PL02 - Plenary Lecture - Unconventional glutamate receptor signaling in the brain**

Julie Perroy (France)

PL02-1	<b>Unconventional glutamate receptor signaling in the brain</b> Pierre Paoletti (Paris, France)	17:30 - 17:30
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*Other*

18:00 - 18:05

AB

**Presentation by VectorBuilder***Plenary Lecture*

18:05 - 18:35

AB

**PL03 - Plenary Lecture - Directors and star actors: roles for acetylcholine and astrocytes in gating dopamine transmission**

Emmanuel Perisse (France)

PL03-1	<b>Directors and star actors: roles for acetylcholine and astrocytes in</b>	18:05 - 18:05
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**gating dopamine transmission**

Stephanie J. Cragg (Oxford, United Kingdom)



Thursday, May 15, 2025

*Plenary Lecture*

08:30 - 09:00

AB

**PL04 - Plenary Lecture - Linking human brain developmental mechanisms, evolution and diseases**

Fekrije Selimi (France)

PL04-1

**Linking human brain developmental mechanisms, evolution and diseases**

08:30 - 08:30

Pierre Vanderhaeghen (Leuven, Belgium)

*Other*

09:00 - 09:05

AB

**Presentation by STOmics**

*Plenary Lecture*

09:05 - 09:35

AB

**PL05 - Plenary Lecture - Dimensionality reduction beyond neural subspaces**

Arthur Leblois (France)

PL05-1

**DIMENSIONALITY REDUCTION BEYOND NEURAL SUBSPACES**

09:05 - 09:05

Alex Cayco Gajic (Paris, France)

*Symposium*

09:35 - 11:35

AB

**S13 - External and internal sensory processing for the encoding of emotions.**

Mario Carta (bordeaux, France)

Meryl Malezieux (München, Germany)

S13-1

**Processing of cardiac signals by the insular cortex is necessary for emotion state coding**

09:35 - 09:35

Meryl Malezieux (München, Germany)

S13-2

**CENTRAL INTEGRATION OF AFFECTIVE TOUCH**

09:35 - 09:35

Amaury Francois (Montpellier, France)

S13-3

**EMOTIONS SCULPT CHOICE-RELATED ACTIVITY IN PRE-FRONTAL CORTEX**

09:35 - 09:35

Evan Harrell (bordeaux, France)

S13-4

**Control of anxiety states and underlying neural dynamics by respiratory rhythms**

09:35 - 09:35

Alexandra Klein (San Francisco, United States)

S13-5

**MICROVASCULAR REWIRING DURING PREGNANCY CONTRIBUTES TO THE ESTABLISHMENT OF MATERNAL BEHAVIOR**

09:35 - 09:35

Ahlem Assali (Paris, France)

*Symposium*

09:35 - 11:35

AP

**S14 - Sleep, stress and emotions - Supported by the French society for sleep research and sleep medicine (SFRMS)**

Thierry Gallopin (Paris, France)

Yves Dauvilliers (France)

S14-1

**A new microcircuits for emotional memory optimization during sleep.**

09:35 - 09:35

Mattia Aime (Bron, France)

S14-2	<b>DYNAMIC OF NEURONAL ACTIVITY IN THE AMYGDALA DURING SLEEP</b> Gabrielle Girardeau (Paris, France)	09:35 - 09:35
S14-3	<b>Role of the prefrontal cortex in REM sleep regulation in stress condition.</b> Thierry Gallopin (Paris, France)	09:35 - 09:35
S14-4	<b>SLEEP AND CREATIVITY</b> Celia Lacaux (Paris, France)	09:35 - 09:35
S14-5	<b>DORSO-VENTRAL HIPPOCAMPAL REACTIVATION INCREASE DURING SLEEP FOLLOWING AN AVERSIVE EXPERIENCE</b> Juan Facundo Morici (Paris, France)	09:35 - 09:35

*Symposium*

09:35 - 11:35

AE

**S15 - Amyloid precursor protein (APP) and its fragments as master regulators of physiological synapse functions.**

Hélène Marie (Valbonne, France)

S15-1	<b>AETA peptide is a key endogenous modulator of NMDA receptor activity</b> Hélène Marie (Valbonne, France)	09:35 - 09:35
S15-2	<b>SYNAPTIC AMYLOID PRECURSOR PROTEIN PROVIDES COPPER FOR THE FORMATION OF BENEFICIAL REACTIVE OXYGEN SPECIES DURING DROSOPHILA LONG-TERM MEMORY FORMATION</b> Thomas Preat (Paris, France)	09:35 - 09:35
S15-3	<b>MOLECULAR MECHANISMS MEDIATING APP FUNCTION AT THE SYNAPSE AND BEYOND</b> Heather C. Rice (Oklahoma City, United States)	09:35 - 09:35
S15-4	<b>Physiological role of presynaptic APP</b> Christophe Mulle (Bordeaux, France)	09:35 - 09:35
S15-5	<b>ENHANCED ANTI-ABETA IMMUNOTHERAPIES USING NANOBODIES IN AN AD MOUSE MODEL</b> Alexandre Trotier (Paris, France)	09:35 - 09:35

*Symposium*

09:35 - 11:35

SA1

**S16 - The cerebellum in the brain: beyond textbook physiology and pathology.**

Daniela Popa (Paris, France)

Clément Léna (Paris, France)

S16-1	<b>HUMAN CEREBELLUM IN FEAR LEARNING AND DEFENSIVE RESPONSE</b> Dagmar Timmann-Braun (Essen, Germany)	09:35 - 09:35
S16-2	<b>NON-CONVENTIONAL CEREBRO-CEREBELLAR COUPLING IN MICE</b> Zhenyu Gao (Rotterdam, Netherlands)	09:35 - 09:35
S16-3	<b>OFFLINE CEREBELLO-CORTICO-STRIATAL DYNAMICS IN MOTOR STRATEGY EXPLORATION AND RETENTION OF MOTOR SKILL</b> Clément Léna (Paris, France)	09:35 - 09:35
S16-4	<b>ROLE OF MYELOID CELLS IN REGULATING CEREBELLUM DEVELOPMENT</b> Amnah Alsayyar (Marseille, France)	09:35 - 09:35

S16-5	<b>Roundtable.</b>	09:35 - 09:35
<i>Symposium</i>		
09:35 - 11:35		SA3
<b>S17 - Novel circuits and mechanisms for aversive memory encoding.</b>		
Stéphanie Trouche (Montpellier, France)		
S17-1	<b>THE REINSTATEMENT OF A FORGOTTEN INFANTILE MEMORY: BINDING EXPERIENCES TO NEW ENSEMBLES</b>	09:35 - 09:35
	Flavio Donato (Basel, Switzerland)	
S17-2	<b>Dissection of a fear memory engram</b>	09:35 - 09:35
	Gisella Vetere (Paris, France)	
S17-3	<b>A novel neuronal circuit embedded in the amygdala-accumbens pathway for fear expression</b>	09:35 - 09:35
	Stéphanie Trouche (Montpellier, France)	
S17-4	<b>Combinatorial neuromodulation of amygdala circuits</b>	09:35 - 09:35
	Nikolas Karalis (Paris, France)	
S17-5	<b>BEYOND CLASSES: DISTINCT PARVALBUMIN INTERNEURON TYPES IN AVERSIVE STATES</b>	09:35 - 09:35
	Cloe Lheraux (Bordeaux, France)	
<i>Symposium</i>		
09:35 - 11:35		SR
<b>S18 - Symposium dedicated to the memory of Mireille Montcouquiol, Directrice de recherche Inserm.</b>		
Jérôme Ezan (Bordeaux, France)		
S18-1	<b>The role of planar cell polarity in cochlear development</b>	09:35 - 09:35
	Matthew W. Kelley (Bethesda, United States)	
S18-2	<b>PLANAR CELL POLARITY PATHWAYS: UNCOVERING A NEW ROLE FOR GPSM2/GAI COMPLEX</b>	09:35 - 09:35
	Stéphanie Mauriac (Boston, MA, United States)	
S18-3	<b>MOVING THE PLANAR CELL POLARITY FIELD FROM THE FLY WING TO MAMMALIAN NERVE CELLS</b>	09:35 - 09:35
	Fadel Tissir (Woluwe-Saint-Lambert, Belgium)	
S18-4	<b>Planar cell polarity proteins in glutamatergic neurons: from synapse formation and maintenance to higher brain functions</b>	09:35 - 09:35
	Nathalie Sans (Bordeaux, France)	
<i>Poster Session</i>		
11:30 - 15:30		L0
<b>PS02 - Poster presentations</b>		
	<b>4. Integrative, sensory and motor neuroscience</b>	11:30 - 11:30
PS2.067	<b>SPATIOTEMPORAL ORGANIZATION OF CHOLINERGIC INPUT IN THE SOMATOSENSORY CORTEX DURING TACTILE DETECTION</b>	11:30 - 11:30
	Tomás Garnier Artiñano (Bordeaux, France)	
PS2.068	<b>CONTRIBUTION OF NEUTROPHILS AND EXTRACELLULAR DNA TRAPS TO AMYOTROPHIC LATERAL SCLEROSIS PATHOGENESIS</b>	11:30 - 11:30
	Charlotte Gavard (Montpellier, France)	
PS2.069	<b>TRANSCRIPTIONAL SIGNATURES OF PSYCHOSTIMULANTS IN THE TAIL STRIATUM</b>	11:30 - 11:30
	Eva Goetz (Montpellier, France)	

PS2.070	<b>PROGRESSIVE GENETICALLY CONTROLLED DOPAMINERGIC NEURONS APOPTOSIS IN SUBSTANTIA NIGRA: RELEVANCE FOR PARKINSON DISEASE?</b> Gawain Grellier (Montpellier, France)	11:30 - 11:30
PS2.071	<b>LAYER-DEPENDENT FIRING DYNAMICS OF NEOCORTICAL NEURONS DURING ANOXIA AND POST-ANOXIC RECOVERY</b> Aymard Grou-Radenez (Paris, France)	11:30 - 11:30
PS2.072	<b>MODULAR AND MOLECULAR DIVERSITY OF BRAINSTEM V2A NEURONS: INSIGHTS FROM SINGLE-NUCLEI RNA SEQUENCING</b> Aurélie Heuzé (Saclay, France)	11:30 - 11:30
PS2.073	<b>PROCESSING OF OPTICAL HEARING IN THE ANTEROVENTRAL COCHLEAR NUCLEUS</b> Antoine Huet (Goettingen, Germany)	11:30 - 11:30
PS2.074	<b>CHOLESTEROL METABOLISM AND TRAFFICKING IN THE ORGAN OF CORTI</b> Lina Maria Jaime Tobon (Montpellier, France)	11:30 - 11:30
PS2.075	<b>RATE-PLACE VERSUS TEMPORAL CODING OF VOWELS IN THE GERBIL AUDITORY NERVE</b> Daniil Kiselev (Montpellier, France)	11:30 - 11:30
PS2.076	<b>IDENTIFICATION OF GENETIC MODIFIERS OF THE AGE AT ONSET IN PARKINSON'S DISEASE CAUSED BY THE G2019S LRRK2 VARIANT</b> Gatepe Cedoine KODJOVI (Paris, France)	11:30 - 11:30
PS2.077	<b>GLUTAMATERGIC AND GABAERGIC INPUTS FROM THE ANTERIOR PRETECTUM CONVERGE ON THE SAME NEURONS OF THE THALAMIC HIGH ORDER SOMATOSENSORY NUCLEUS</b> Jody Kouessan (Paris, France)	11:30 - 11:30
PS2.078	<b>DIFFERENT INHIBITORY-DISINHIBITORY BALANCE IN THE SPINAL NOCICEPTIVE SYSTEM IN MALE AND FEMALE MICE UNDER CONTROL AND PERIPHERAL INFLAMMATION CONDITIONS</b> Robin Kuster (Strasbourg, France)	11:30 - 11:30
PS2.079	<b>TOWARDS AUDITORY CORTICAL IMPLANTS FOR HEARING IMPAIRED</b> Charly Lamothe (Paris, France)	11:30 - 11:30
PS2.080	<b>BLOOD VOLUME REFLECTS OPPOSING BRAINWIDE NEURAL POPULATIONS ACROSS BRAIN STATES</b> Agnes Landemard (London, United Kingdom)	11:30 - 11:30
PS2.081	<b>EXPLORING EYE MOVEMENT RESPONSES TO BINAURAL MONOPOLAR GALVANIC VESTIBULAR STIMULATION</b> Alba Langlade (Toulouse, France)	11:30 - 11:30
PS2.082	<b>TARGETED PROPRIOCEPTIVE TRAINING RESHAPES SENSORIMOTOR REPRESENTATION OF THE LEG : AN FMRI SURFACE-BASED ANALYSIS</b> Aurore Lapuyade-Aufoo (Marseille, France)	11:30 - 11:30
PS2.083	<b>KIF5A, A KINESIN RELATED TO AMYOTROPHIC LATERAL SCLEROSIS: A DROSOPHILA MODEL</b> Sophie Layalle (Montpellier, France)	11:30 - 11:30
PS2.084	<b>ROLE OF THE CEREBELLO-PREFRONTAL COMMUNICATION IN THE TEMPORAL PREDICTION OF EVENTS</b> Pierre Le Cabec (Strasbourg, France)	11:30 - 11:30

PS2.085	<b>CEREBRAL BASIS OF THE TEMPORAL BINDING WINDOW IN AWAKE SURGERY</b> Solène Leblond (Toulouse, France)	11:30 - 11:30
PS2.086	<b>PHOTOBIOMODULATION EFFECTS ON ACUTE NEUROINFLAMMATION AFTER SPINAL CORD INJURY</b> Elsa Levy (Marseille, France)	11:30 - 11:30
PS2.087	<b>A GLOBAL AND FUNDAMENTAL INFRASLOW RHYTHM IN MAMMALS, BIRDS, AND LIZARDS RESHAPES OUR UNDERSTANDING OF THE EVOLUTION OF SLEEP STATES</b> Paul-Antoine Libourel (Bron, France)	11:30 - 11:30
PS2.088	<b>ALL-OPTICAL CONNECTOMIC MAPPING OF TOPOGRAPHY AND TOPOLOGY IN A CENTRAL SENSORY RELAY</b> Jean Livet (Paris, France)	11:30 - 11:30
PS2.089	<b>DISTRIBUTED BUT SPECIFIC CODING IN LAMINAR ASSEMBLIES IN MACAQUE MOTOR CORTEX</b> Laura López-Galdo (Marseille, France)	11:30 - 11:30
PS2.090	<b>POPULATION SPARSENESS IN THE AUDITORY CORTEX: THE DISCREPANCY BETWEEN EXTRACELLULAR ELECTROPHYSIOLOGY AND CALCIUM IMAGING IN THE LIGHT OF VOLTAGE OPTICAL RECORDINGS</b> Anthony Lourdiane (Paris, France)	11:30 - 11:30
PS2.091	<b>HIGH-BETA BURSTS MEDIATE ANTICIPATORY MUSCLE INHIBITION IN BIMANUAL COORDINATION</b> Viktoriya Manyukhina (Bron, France)	11:30 - 11:30
PS2.092	<b>UNRAVELLING THE ROLE OF SOCIAL TOUCH IN EMPATHY DEVELOPMENT</b> Mélanie Marias (Montpellier, France)	11:30 - 11:30
PS2.093	<b>ANTISENSE OLIGONUCLEOTIDE THERAPEUTIC APPROACH TO ALLEVIATE PAIN SYMPTOMS OF CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY</b> Dounia Maskini (Montpellier, France)	11:30 - 11:30
PS2.094	<b>THE TWO FACES OF THE BETA REBOUND</b> Quentin Moreau (Bron, France)	11:30 - 11:30
PS2.095	<b>THE GEOMETRY OF CORTICAL SOUND PROCESSING IN SLOW WAVE SLEEP</b> Allan Muller (Paris, France)	11:30 - 11:30
	<b>5. Neuroendocrinology and integrative physiology</b>	11:30 - 11:30
PS2.096	<b>TANYCTIC <i>SLIT2</i> EXPRESSION CONTROL OXYTOCIN AXON INNERVATION AND REGULATES BEHAVIOR</b> Claire Jasinski (Lille, France)	11:30 - 11:30
PS2.097	<b>UNVEILING A ROLE FOR GNRH NEURONS IN THE PHYSIOPATHOLOGY OF ALZHEIMER'S DISEASE</b> Loïc Kacimi (Lille, France)	11:30 - 11:30
PS2.098	<b>NICOTINE SUPPRESSES FEEDING BEHAVIOR BY EXERTING OPPOSITE EFFECTS ON THE NEURONAL ACTIVITY OF THE ARCULATE NUCLEUS</b> José Enrique Ramírez-Sánchez (Mexico City, Mexico)	11:30 - 11:30
	<b>6. Cognitive, affective and behavioral neuroscience, neuroethology</b>	11:30 - 11:30
PS2.100	<b>SHORT- AND LONG-TERM CONSEQUENCES OF EARLY LIFE STRESS ON NORADRENERGIC NEURONS ACTIVATION IN MALE</b>	11:30 - 11:30

	<b>AND FEMALE MICE</b> Valentine Greffion (Paris, France)	
PS2.101	<b>ROLE OF HIPPOCAMPO-PREFRONTAL CIRCUITS IN FEAR MEMORY CONSOLIDATION</b> Zoé Grivet (Bordeaux, France)	11:30 - 11:30
PS2.102	<b>THE BLESSING AND CURSE OF VALUE-SHAPING IMITATION</b> Isabelle Hoxha (Leiden, Netherlands)	11:30 - 11:30
PS2.103	<b>EFFECTS OF UNILATERAL VESTIBULAR LOSS ON ANTERIOR THALAMUS NUCLEI ACTIVITY</b> Antoine Huret (Marseille, France)	11:30 - 11:30
PS2.104	<b>THEBEHAVIOURFORUM.ORG - A COLLABORATIVE ONLINE HUB FOR LABORATORY ANIMAL BEHAVIOR RESEARCH</b> Damien Huzard (Montpellier, France)	11:30 - 11:30
PS2.105	<b>HOW EARLY LIFE STRESS ALTERS THE BRAIN: THE SEX SPECIFIC ROLE OF OXYTOCIN IN MEMORY AND EMOTION</b> Hannah Magdalena Catherine Illouz (Strasbourg, France)	11:30 - 11:30
PS2.106	<b>DISSECTING REWARD AND PUNISHMENT VTA DOPAMINERGIC NEURONS AND THEIR ROLE IN AVERSIVE LEARNING</b> Elsa Karam (Montpellier, France)	11:30 - 11:30
PS2.107	<b>ACUTE SLEEP DEPRIVATION INDUCES SYSTEMIC ALTERATIONS IN MICE BRAIN: INSIGHTS FROM SPATIAL TRANSCRIPTOMICS</b> Jia Hui Khoo (Riga, Latvia)	11:30 - 11:30
PS2.108	<b>MIR-10A-5P MODULATES IMPULSIVE CHOICE IN RATS: INSIGHTS INTO THE ROLE OF PI3K AND THE AKT/MTOR PATHWAY</b> Yury Lages (La Tronche, France)	11:30 - 11:30
PS2.109	<b>COMPARISON OF TWO DEPRESSION MODELS FOR SETTING UP ASSESSMENT TESTS</b> Charlotte LALOUX (Lille, France)	11:30 - 11:30
PS2.110	<b>GENERATIONAL EFFECTS OF A CHRONIC EXPOSURE TO 26 GHZ RF-EMF ON INSECTS: INSIGHTS FROM <i>DROSOPHILA MELANOGASTER</i></b> Julien LE FRIEC (Montpellier, France)	11:30 - 11:30
PS2.111	<b>ATTENTION BIASES TO DYNAMIC FACIAL EXPRESSIONS IN EARLY INFANCY: A LONGITUDINAL EYE-TRACKING STUDY</b> Valentine Lécuyer (Bron, France)	11:30 - 11:30
PS2.112	<b>MEASURING LONG-TERM VISUAL RECOGNITION MEMORY IN THE INFANT BRAIN</b> Arnaud Leleu (Dijon, France)	11:30 - 11:30
PS2.113	<b>AROUSAL AND BEHAVIORAL SELF-REGULATION IN A SUSTAINED OLFACTORY ATTENTION TASK</b> Clément E. Lemerrier (Bron, France)	11:30 - 11:30
PS2.114	<b>SPATIAL MEMORY PROCESSING UNDER AVERSIVE CONDITIONS IN THE HIPPOCAMPUS-AMYGDALA NETWORK</b> Izabela Lima Paiva (Paris, France)	11:30 - 11:30
PS2.115	<b>TEMPORAL SEQUENCE OF THREE-STATE DEFENSIVE RESPONSES ENCODED IN THE PREFRONTAL CORTEX PREDICTS TRIAL OUTCOME</b> Guillem Lopez-Fernandez (Bordeaux, France)	11:30 - 11:30
PS2.116	<b>RELEVANCE OF SUPRACHIASMATIC NEURONAL</b>	11:30 - 11:30

	<b>COMMUNICATION WITH TANCYTES ON THE CIRCADIAN CLEARANCE OF TAU PROTEIN; IMPLICATIONS FOR ALZHEIMER'S DISEASE</b>	
	Ricardo Martinez (Lille, France)	
PS2.117	<b>INTERACTING EFFECTS OF PREVIOUSLY LEARNT VISUOMOTOR ASSOCIATIONS AND ATTENTIONAL CAPTURE ON VISUAL SEARCH</b>	11:30 - 11:30
	Eva Massé (Salon-de-Provence, France)	
PS2.118	<b>STRESS-DEPENDENT MODULATION AND MECHANISMS OF AVERSIVE VALUE CODING IN THE FRUIT FLY <i>DROSOPHILA MELANOGASTER</i></b>	11:30 - 11:30
	Nesrine Merabet (Montpellier, France)	
PS2.119	<b>THE SEROTONIN LESION INDUCED BY MDMA (ECSTASY) IN NON-HUMAN PRIMATE PRODUCES AN ACUTE ANXIETY DISORDER AND A DISTURBANCE OF FLUOXETINE THERAPEUTIC EFFECTS</b>	11:30 - 11:30
	Mathilde Millot (Bron, France)	
PS2.121	<b>IMPACT OF THE SULCAL PATTERN VARIABILITY ON THE DISTRIBUTION OF CYTOARCHITECTONIC AREAS IN THE MEDIAL PREFRONTAL CORTEX IN MACAQUES</b>	11:30 - 11:30
	Valentine MOREL LATOUR (Bron, France)	
PS2.122	<b>THE ROLE OF THE VENTROMEDIAL AND DORSOMEDIAL PREFRONTAL CORTEX IN CREATIVITY : FROM OPTIMAL TO BIASED CREATIVE CHOICES</b>	11:30 - 11:30
	Sarah Moreno-Rodriguez (Paris, France)	
PS2.123	<b>MODULATION OF WORKING MEMORY BY A SINUSOIDAL MAGNETIC FIELD IN HUMANS</b>	11:30 - 11:30
	Maëlys Moulin (Montpellier, France)	
PS2.124	<b>ELECTROPHYSIOLOGICAL AND MORPHOLOGICAL CHARACTERIZATION OF PYRAMIDAL NEURONS IN THE ORBITOFRONTAL CORTEX DEPENDING ON FLEXIBLE BEHAVIOR</b>	11:30 - 11:30
	François Nicol (Poitiers, France)	
PS2.125	<b>THE ROLE OF A HUMAN POLYMORPHISM IN THE A5 NICOTINIC RECEPTOR IN CORTICAL INHIBITORY CIRCUITS DURING COGNITIVE BEHAVIOR</b>	11:30 - 11:30
	Ifigeneia Nikolakopoulou (Paris, France)	
PS2.126	<b>THE ROLE OF CHOLINERGIC TAN SYSTEM OF THE PRIMATE STRIATUM IN BEHAVIORAL FLEXIBILITY BASED ON CHANGING REWARD RULES</b>	11:30 - 11:30
	Nicolas Orlando Dessaints (Marseille, France)	
PS2.127	<b>SURGICALLY INDUCED MODEL OF HEMISPATIAL NEGLECT IN SQUIRREL MONKEYS</b>	11:30 - 11:30
	Thomas Orset (Paris, France)	
PS2.128	<b>CONTRIBUTION OF NEURAL CIRCUITS OF THE INSULAR CORTEX IN OBESOGENIC-DIET INDUCED ANXIETY</b>	11:30 - 11:30
	Léa PAGES (Bordeaux, France)	
PS2.129	<b>INVESTIGATING SLEEP IN ANTARCTICA: SUBCUTANEOUS EEG RECORDING IN WILD SOUTHERN ELEPHANT SEALS (<i>MIROUNGA LEONINA</i>)</b>	11:30 - 11:30
	Jikang Park (Montpellier, France)	
PS2.130	<b>EVALUATING POTENTIAL ADVERSE EFFECTS OF ENVIRONMENTAL PHOTOBIO-MODULATION ON SLEEP-WAKE CYCLES IN NON-HUMAN PRIMATES</b>	11:30 - 11:30
	Kevin Paul (Grenoble, France)	

	<b>7. Theoretical and computational neuroscience</b>	11:30 - 11:30
PS2.132	<b>BEYOND INDIVIDUALS: BUILDING A SHARED AND INTERPRETABLE REPRESENTATION OF SPONTANEOUS BRAIN ACTIVITY</b> Mattéo Dommanget-Kott (Paris, France)	11:30 - 11:30
PS2.133	<b>MODELLING HUMAN REM SLEEP BEHAVIOR DISORDER (RBD), A PRODROMAL MARKER OF SYNUCLEINOPATHIES, USING GENETIC TOOLS IN WILD-TYPE MICE</b> Blandine Duval (Lyon, France)	11:30 - 11:30
PS2.134	<b>NON-INVASIVE LAMINAR MEG FOR CORTICAL CIRCUIT ANALYSIS: BRIDGING MODELING AND EMPIRICAL EVIDENCE</b> Solène Gailhard (Lyon, France)	11:30 - 11:30
PS2.135	<b>DO ASTROCYTES HAVE ROLES IN THE EMERGENCE OF NEURONAL UP AND DOWN STATES AND HAVE IMPACTS ON PREDICTIVE CODING?</b> Den Whilrex Garcia (Saclay, France)	11:30 - 11:30
PS2.136	<b>A DYNAMIC CAUSAL MODEL TO INFER EFFECTIVE CONNECTIVITY FROM MEG INDUCED RESPONSES (HIGH-GAMMA-ACTIVITY): A WORKFLOW FOR MODEL BAYESIAN INVERSION</b> Pedro García-Rodríguez (Marseille, France)	11:30 - 11:30
<i>Poster Session</i> 11:30 - 15:30		A2
<b>PS02 - Poster presentations</b>		
	<b>1. Neurodevelopment</b>	11:30 - 11:30
PS2.001	<b>HIGH-AFFINITY DETECTION OF BIOTINYLATED ENDOGENOUS NEUROLIGIN-1 AT EXCITATORY AND INHIBITORY SYNAPSES USING A TAGGED KNOCK-IN MOUSE</b> Charles Ducrot (Bordeaux, France)	11:30 - 11:30
PS2.002	<b>ATTENTION DEFICIT AND HYPERACTIVITY DISORDER-LIKE PHENOTYPE INDUCED BY MATERNAL EXPOSURE TO POLYSTYRENE-NANOPLASTICS</b> Gaëlle Dudon (Montpellier, France)	11:30 - 11:30
PS2.003	<b>DISTINCT EMBRYONIC ORIGINS CONTRIBUTE TO ASTROCYTE DIVERSITY IN THE MOUSE NEOCORTEX</b> Laura Dumas (Montpellier, France)	11:30 - 11:30
PS2.004	<b>DEVELOPMENTAL TRAJECTORIES OF SENSORIMOTOR BETA BURST WAVEFORMS IN INFANT GRASPING</b> Léna Durieux (Bron, France)	11:30 - 11:30
PS2.005	<b>POSTPARTUM OXYTOCIN INTERVENTION PREVENTS INTERGENERATIONAL TRANSMISSION OF MATERNAL STRESS VIA MODULATION OF THE CORT/OT BALANCE</b> Alessandra Gaetano (Villeneuve d'Ascq, France)	11:30 - 11:30
PS2.006	<b>MICROGLIA MODULATION AND SEXUAL DIMORPHISM: FROM DEVELOPMENT TO SPINAL CORD INJURY</b> Chloé Gazard (Montpellier, France)	11:30 - 11:30
PS2.007	<b>MTOR MUTANT MOUSE MODELS TO DISSECT MECHANISMS IN CORTICAL MALFORMATIONS AND EPILEPSY</b> Alice Gilbert (Paris, France)	11:30 - 11:30
PS2.008	<b>NORADRENERGIC MODULATION OF HIPPOCAMPAL POST-NATAL</b>	11:30 - 11:30



	<b>DEVELOPMENT</b>	
	Arthur Godino (Marseille, France)	
PS2.009	<b>SEX-SPECIFIC DISRUPTIONS IN THE DEVELOPMENTAL TRAJECTORY OF ANXIETY-LIKE BEHAVIORS DUE TO PRENATAL CANNABIDIOL EXPOSURE</b>	11:30 - 11:30
	Daniela Iezzi (Marseille, France)	
PS2.010	<b>THE PREFRONTAL OPERCULUM IS THE LAST CORTICAL BRAIN REGION TO FORM DURING DEVELOPMENT</b>	11:30 - 11:30
	Elsa Lazzaro (Bron, France)	
PS2.011	<b>INVESTIGATING THE NEURONAL CONSEQUENCES OF THE SMALL G-PROTEIN ARF6 SUMOYLATION</b>	11:30 - 11:30
	Quentin LEBEL (Valbonne, France)	
PS2.012	<b>BLOOD-BRAIN BARRIER MODIFICATION DURING INFLAMMATORY ENCEPHALOPATHY OF PREMATURITY</b>	11:30 - 11:30
	Maxime Lemoigne (Caen, France)	
PS2.013	<b>TRACKING NEURONAL ACTIVITY FROM THE SAME CELLS IN THE DEVELOPING BRAIN USING TRACK2P</b>	11:30 - 11:30
	Jure Majnik (Marseille, France)	
PS2.014	<b>LABEL-FREE QUANTIFICATION OF ORGANELLE TRAFFICKING INSIDE A SINGLE AXON</b>	11:30 - 11:30
	Baptiste MARTHY (Marseille, France)	
	<b>2. Neuro-excitability, synapse and glia</b>	11:30 - 11:30
PS2.015	<b>ELECTRICAL SYNAPSES BETWEEN PRIMARY AFFERENTS SUPPORT LATERAL INHIBITION IN THE MOUSE BRAIN</b>	11:30 - 11:30
	Antonella Dapino (Montevideo, Uruguay)	
PS2.016	<b>RETINAL GANGLION CELLS EXPRESS LONG-LASTING PLASTICITY OF INTRINSIC NEURONAL EXCITABILITY</b>	11:30 - 11:30
	Prithvi Ramtohl (Marseille, France)	
PS2.017	<b>ANATOMICAL AND FUNCTIONAL CHARACTERIZATION OF OXYTOCIN RECEPTOR-EXPRESSING ASTROCYTES IN THE RODENT BRAIN</b>	11:30 - 11:30
	Clémence Denis (Strasbourg, France)	
PS2.018	<b>ROLE OF CEREBELLAR NETWORK EXCITABILITY AND PLASTICITY IN THE PATHOPHYSIOLOGY OF DYSTONIA</b>	11:30 - 11:30
	Sercan Deniz (Pfäffikon, SZ, Switzerland)	
PS2.019	<b>CHARACTERIZATION OF NEURONAL CULTURES GROWING ON HYDROGELS WITH DIFFERENT STIFFNESSES</b>	11:30 - 11:30
	Domitille des Robert (Bordeaux, France)	
PS2.020	<b>RELATIONSHIP OF VENTRAL-STRIATUM ASTROCYTES WITH THE VGLUT1-DOPAMINE HUB SYNAPSES</b>	11:30 - 11:30
	Audrey Dufau (Bordeaux, France)	
PS2.021	<b>AN INNOVATIVE APPROACH FOR CONDUCTING 3D ELECTROPHYSIOLOGICAL RECORDINGS WITHIN INTACT ORGANOIDs</b>	11:30 - 11:30
	Tom Dufor (Reutlingen, Germany)	
PS2.022	<b>AXONAL ACETYLCHOLINE NICOTINIC RECEPTORS DEPRESS STRIATAL DOPAMINE RELEASE THROUGH MEMBRANE DEPOLARISATION THAT LIMITS VOLTAGE-GATED SODIUM CHANNEL AVAILABILITY</b>	11:30 - 11:30
	Lucille Duquenoy (Oxford, United Kingdom)	

PS2.023	<b>SPECIALIZED ASTROCYTE POPULATIONS RELEASE 2-ARACHIDONOYLGLYCEROL TO MODULATE BRAIN FUNCTION AND BEHAVIOR</b> Abel Eraso-Pichot (Bordeaux, France)	11:30 - 11:30
PS2.024	<b>5-HT4 RECEPTORS OF THE MEDIAL PREFRONTAL CORTEX IMPAIR THE INDUCTION OF A LONG-TERM POTENTIATION WITHIN THE DENTATE GYRUS</b> Soukaina ES-SAFI (Bordeaux, France)	11:30 - 11:30
PS2.025	<b>ROLE OF RIN1 IN SHAPING STRUCTURAL AND FUNCTIONAL PROPERTIES OF HIPPOCAMPAL SYNAPSES</b> Marie Fagotto-Kaufmann (Stuttgart, Germany)	11:30 - 11:30
PS2.026	<b>UNBALANCED HOMEOSTATIC PLASTICITY AT THE NEUROMUSCULAR SYNAPSE IN THE RIF1 KNOCKDOWN CONTEXT</b> Lou-Maële Faivre (Saclay, France)	11:30 - 11:30
PS2.027	<b>ASTROCYTES AND MICROGLIA IN THE BRAIN OF MOUSE LEMUR PRIMATE: HISTOLOGY-BASED CHARACTERIZATION IN YOUNG AND OLD ANIMALS</b> Lolie Garcia (Fontenay aux roses, France)	11:30 - 11:30
PS2.028	<b>DECIPHERING AND TARGETING ASTROCYTE DYSFUNCTION IN DRAVET SYNDROME</b> Athénaïs GENIN (Montpellier, France)	11:30 - 11:30
PS2.029	<b>A PHOTOSWITCHABLE POSITIVE ALLOSTERIC MODULATOR TO CONTROL THE ACTIVATION OF THE METABOTROPIC GLUTAMATE RECEPTOR 5 BY LIGHT</b> Cyril Goudet (Montpellier, France)	11:30 - 11:30
PS2.030	<b>INTEGRATION OF MICROFLUIDIC DEVICES WITH MICROELECTRODE ARRAYS TO FUNCTIONALLY ASSAY AMYLOID-B-INDUCED SYNAPTOTOXICITY</b> Sophie Halliez (Lille, France)	11:30 - 11:30
PS2.031	<b>DEVELOPMENTAL CELL DEATH OF INTERNEURONS AND OLIGODENDROGLIA DIFFERENTIALLY REGULATES COGNITIVE FLEXIBILITY IN MICE</b> Cristobal Ibaceta (Paris, France)	11:30 - 11:30
PS2.032	<b>CONTRIBUTION OF ENDOGENOUS OPIOIDS IN TARGET-SPECIFIC SHORT-TERM PLASTICITY AT GABAERGIC SYNAPSES IN LAMINA II OF THE SPINAL CORD</b> Mila Jesic (Strasbourg, France)	11:30 - 11:30
PS2.033	<b>INFLUENCE OF SLICING SOLUTIONS ON ACUTE CORTICO-STRIATAL SLICES IN ADULT MICE ASSESSED BY MULTIPHOTON IMAGING</b> Mélody Labarchède (Paris, France)	11:30 - 11:30
	<b>3. Neurological and psychiatric diseases, experimental therapeutics</b>	11:30 - 11:30
PS2.035	<b>MICROGLIA DURING CEREBRAL AGING AND TRANSMISSION OF ALZHEIMER PATHOLOGY IN THE MOUSE LEMUR</b> Leo Dupuis (Fontenay aux Roses, France)	11:30 - 11:30
PS2.036	<b>DORSOVENTRAL PHOTOBIMODULATION THERAPY SAFELY REDUCES INFLAMMATION AND SENSORIMOTOR DEFICITS IN A MOUSE MODEL OF MULTIPLE SCLEROSIS</b> Vincent Escarrat (Marseille, France)	11:30 - 11:30
PS2.038	<b>LARGE EXTRACELLULAR VESICLES CONTAINING MITOCHONDRIA (EVMS) ARE INVOLVED IN THE SPREADING OF</b>	11:30 - 11:30

	<b>DYSFUNCTIONAL MITOCHONDRIA IN ALZHEIMER'S DISEASE</b> Fanny EYSERT (Valbonne, France)	
PS2.039	<b>UNDERSTANDING THE MECHANISMS UNDERLYING AMYLOID BETA (AB) PEPTIDE-INDUCED POTENTIATION OF TAU SPREADING THROUGH UNCONVENTIONAL SECRETION IN ALZHEIMER'S DISEASE</b> William Fargues (Montpellier, France)	11:30 - 11:30
PS2.040	<b>IN VIVO GABA IMAGING IN THE KAINATE MOUSE MODEL OF MESIO-TEMPORAL LOBE EPILEPSY</b> Florence Fauvelle (La Tronche, France)	11:30 - 11:30
PS2.041	<b>THE MGLUR4 POSITIVE ALLOSTERIC MODULATOR FOLIGLURAX DURABLY RELIEVES BEHAVIORAL DEFICITS IN FOUR MOUSE MODELS OF AUTISM SPECTRUM DISORDER</b> Mathieu Fonteneau (Tours, France)	11:30 - 11:30
PS2.042	<b>AN OPTO-ELECTRICAL DEVICE FOR THE REWIRING OF NEURONAL CIRCUITS</b> Timothe Desbordes (Marseille, France)	11:30 - 11:30
PS2.043	<b>IDENTIFICATION AND ROLE OF COMMON PROTEIN PARTNERS OF DISTINCT ALPHA SYNUCLEIN STRAINS</b> Milena Giromini (Fontenay-aux-Roses, France)	11:30 - 11:30
PS2.044	<b>EFFECTS OF ANTIDEPRESSANT AND SEROTONIN ON EPILEPTIC ACTIVITY IN A MOUSE MODEL OF EPILEPSY IN VITRO</b> Marie Gleizes (Toulouse, France)	11:30 - 11:30
PS2.045	<b>SHANK3 SCAFFOLD PROTEINS IN ASTROCYTES REGULATE POSTNATAL MATURATION OF STRIATAL CIRCUITS: IMPLICATIONS FOR PHELAN-MCDERMID SYNDROME</b> Laurine Gonzalez (Lausanne, Switzerland)	11:30 - 11:30
PS2.046	<b>REFINING CEREBELLAR GENE DELIVERY: TRANSCRIPTIONALLY-GUIDED EXPRESSION USING CAV-2 AND INTELLIGENT HUMAN ADENOVIRUS VECTORS</b> Iria Gonzalez-Dopeso Reyes (Montpellier, France)	11:30 - 11:30
PS2.047	<b>IMPLICATION OF POLYUNSATURATED FATTY ACID (PUFA) BIOSTATUS IN DOPAMINE TRANSMISSION-RELATED REWARD PROCESSING DEFICITS</b> Lola Hardt (Bordeaux, France)	11:30 - 11:30
PS2.048	<b>DOES EXTERNAL RED AND NEAR-INFRARED LIGHT INFLUENCE BIOPHOTON ACTIVITY IN CULTURED BRAIN CELLS</b> Jaimie Hoh Kam (Grenoble, France)	11:30 - 11:30
PS2.049	<b>EXOGENOUS NA<sub>v</sub>1.1 TO PREVENT ALZHEIMER'S DISEASE?</b> Caroline Ismeurt-Walmsley (Montpellier, France)	11:30 - 11:30
PS2.050	<b>ERO1A INHIBITION HOLDS A PROMISING THERAPEUTIC STRATEGY FOR UBQLN-ALS PATHOLOGY</b> Salinee JANTRAPIROM (Muang Chiang Mai, Thailand)	11:30 - 11:30
PS2.051	<b>INFLUENCE OF CARBOHYDRATE METABOLISM ON THE REGULATION OF FERROPTOSIS IN A MODEL OF DOPAMINERGIC NEURONS LUHMES</b> Aur�lie Jonneaux (Lille, France)	11:30 - 11:30
PS2.052	<b>INVESTIGATING A COMMON MECHANISM UNDERLYING COMPULSIVE BEHAVIORS IN A RODENT MODEL: DEVELOPMENT OF A NOVEL TREATMENT</b> Elisa Kaci (Paris, France)	11:30 - 11:30

PS2.053	<b>INVESTIGATING THE ROLE OF A NEW PATHWAY IN ESCALATED HEROIN CONSUMPTION</b> Dimitra Karyda (Paris, France)	11:30 - 11:30
PS2.054	<b>UNLOCKING THE PHARMACOLOGICAL PROPERTIES OF THE ORPHAN GPCR GPR88 USING NANOBODY</b> Thibaut Laboute (Tours, France)	11:30 - 11:30
PS2.055	<b>BRAIN GLUCOSE METABOLISM AS A NEURONAL SUBSTRATE OF THE ABNORMAL FEAR RESPONSE IN THE MDX MOUSE, A MODEL OF DUCHENNE MUSCULAR DYSTROPHY</b> Marion Lancien (Montpellier, France)	11:30 - 11:30
PS2.056	<b>CANINE ADENOVIRUS (CAV-2) VECTORS: POWERFUL TOOLS FOR GENE TRANSFER TO NEURONS</b> Marina Lavigne (Montpellier, France)	11:30 - 11:30
PS2.057	<b>UNLOCKING RELAXIN-3/RXFP3: A NOVEL PATHWAY FOR NEUROPATHIC PAIN RELIEF AND MOOD STABILIZATION</b> Louise Leblanc (Strasbourg, France)	11:30 - 11:30
PS2.058	<b>VAGUS NERVE STIMULATION REVERSES CORTICAL ACTIVITY IMPAIRMENT DURING THE RECOVERY PHASE OF PHOTOTHROMBOTIC STROKE</b> Juliette Leclerc (Rouen, France)	11:30 - 11:30
PS2.059	<b>ROLE OF ALPHAHERPESVIRUSES HERPES SIMPLEX VIRUS TYPE 1 (HSV-1) AND VARICELLA-ZOSTER-VIRUS (VZV) IN ALZHEIMER'S DISEASE PATHOPHYSIOLOGY</b> Axel Legrand (Paris, France)	11:30 - 11:30
PS2.060	<b>MODULATION OF MT5-MMP IN ALZHEIMER'S DISEASE USING VIRAL-MEDIATED TRANSGENIC STRATEGIES</b> Thaïs Lestra (Marseille, France)	11:30 - 11:30
PS2.061	<b>NEURONAL NETWORKS AND CORTICAL DYNAMICS INVOLVED IN MOUSE AUDIOGENIC SEIZURES</b> Julie Lévi-Strauss (Paris, France)	11:30 - 11:30
PS2.062	<b>DYNAMIC REGULATION OF GPR56 FOLLOWING ACUTE PSYCHOSOCIAL STRESS (TSST) IN WOMEN WITH MOOD DISORDER AND SUICIDAL BEHAVIOUR</b> Montaine Lion (Marseille, France)	11:30 - 11:30
PS2.064	<b>EFFECTS OF TARGETED INACTIVATION OF THE G PROTEIN GAOLF IN DIRECT AND INDIRECT STRIATAL PROJECTION NEURONS ON DOPAMINE SIGNALING, MOTOR PERFORMANCE AND RESPONSES TO PSYCHOSTIMULANTS</b> Sophie Longueville (Paris, France)	11:30 - 11:30
PS2.065	<b>CORTICAL HYPEREXCITABILITY RELIES ON AXON INITIAL SEGMENT PLASTICITY IN A MURINE MODEL OF FACIAL NEUROPATHIC PAIN</b> Justine Loudan (Clermont-Ferrand, France)	11:30 - 11:30

*Special Session*

13:00 - 14:00

AE

**SP04 - Neuroscience & Sport: From the bench to the field**

Aline Haetty (Montpellier, France)

SP04.1	<b>Neuroscience &amp; Sport: From the bench to the field</b> Aymeric Guillot (Lyon, France) Camille Jeunet (Bordeaux, France) Stephane Perrey (Montpellier, France)	13:00 - 13:00
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*Special Session*

13:00 - 14:00

SA3

**SP05 - Fair principles and data management - Organized by the Young Researcher's Office**

Amel Bouloufa (Bron, France)

SP05.1

**Fair principles and data management**

13:00 - 13:00

Yann Le Franc (Montpellier, France)

Gino Frazzoli (Montpellier, France)

*Special Session*

13:00 - 14:00

A2

**SP06 - Making neuroscience more inclusive**

Stéphanie Trouche (Montpellier, France)

**10 to 15 researchers in neuroscience**

13:00 - 13:00

*Symposium*

15:30 - 17:30

AB

**S19 - Microglia diversity in aging and neurodegenerative diseases: from cells to humans.**

Marc Dhenain (Fontenay aux Roses, France)

Delphine Boche (Southampton, United Kingdom)

S19-1

**MICROGLIA IN HUMANS DURING AGEING AND NEURODEGENERATIVE PATHOLOGIES**

15:30 - 15:30

Delphine Boche (Southampton, United Kingdom)

S19-2

**Microglia during cerebral aging and transmission of Alzheimer pathology in the mouse lemur**

15:30 - 15:30

Leo Dupuis (Fontenay aux Roses, France)

S19-3

**Transcriptome remodeling in plaque-distant microglia in Alzheimer Disease: unveiling early targets**

15:30 - 15:30

Hélène Hirbec (Montpellier, France)

S19-4

**MODELING PARKINSON'S DISEASE-ASSOCIATED CHRONIC-TYPE INFLAMMATION IN MICROGLIA**

15:30 - 15:30

Stéphane Hunot (Paris, France)

S19-5

**OPPOSING ROLES OF NEURONAL AND MYELOID P2X4 RECEPTOR IN ALS PATHOGENESIS**

15:30 - 15:30

Sara Carracedo (Bordeaux, France)

*Symposium*

15:30 - 17:30

AP

**S20 - New insights into the activity of neurons underlying spatial behaviour and navigation.**

Pierre-Yves Jacob (Marseille, France)

S20-1

**Grid cells and goal coding**

15:30 - 15:30

Francesca Sargolini (Marseille, France)

S20-2

**ASSOCIATION CORTICES AND THE EGOCENTRIC SENSE**

15:30 - 15:30

Andy Alexander (Santa Barbara, CA, United States)

S20-3

**Spatial coding of connected environments in the retrosplenial cortex and the hippocampus**

15:30 - 15:30

Celia Laurent (Marseille, France)

S20-4

**THE RETROSPLENIAL CORTICAL ROLE IN MEMORY AND NAVIGATION: EVIDENCE FROM THE T-MAZE**

15:30 - 15:30

David Smith (Ithaca, NY, United States)

S20-5

**WHISKER-BASED SPATIAL COGNITION IN MICE**

15:30 - 15:30

Camille Mazo (Bordeaux, France)

*Symposium*

15:30 - 17:30

AE

**S21 - MIND-YOUR-FOOD: The intricate relationship between eating behavior and emotions.**

Carmelo Quarta (Bordeaux, France)

- |       |  |               |
|-------|--|---------------|
| S21-1 | <b>Neurometabolic Mechanisms Underlying Mood and Motivation Deficits in Obesity</b><br>Stephanie Fulton (Montreal, Canada)                     | 15:30 - 15:30 |
| S21-2 | <b>DIET AND BRAIN HEALTH: UNLOCKING THE KEY TO DEPRESSION</b><br>Tasnime Akbaraly (Montpellier, France)  | 15:30 - 15:30 |
| S21-3 | <b>Ultra-processed food and eating disorders: what is the link?</b><br>Valentina Andreeva (Bobigny, France)                                    | 15:30 - 15:30 |
| S21-4 | <b>Endocannabinoid signalling in the hypothalamus coordinates competing responses to food and fear</b><br>Abel Eraso-Pichot (Bordeaux, France) | 15:30 - 15:30 |

*Symposium*

15:30 - 17:30

SA1

**S22 - The brain-heart interconnection, from allostasis to interoception in health and disease.**

Clément Menuet (Marseille, France)

- |       |   |               |
|-------|---|---------------|
| S22-1 | <b>THE OXYTOCIN-MODULATED BRAIN CIRCUIT THAT REGULATES RESPIRATORY HEART RATE VARIABILITY: IMPLICATIONS FOR RECOVERY FROM STRESS</b><br>Julie G. M. Buron (Lausanne, Switzerland)                               | 15:30 - 15:30 |
| S22-2 | <b>ON THE REGULATION OF ARTERIAL BLOOD PRESSURE BY AN INTRACRANIAL BARORECEPTOR MECHANISM</b><br>Alexander V Gourine (London, United Kingdom)   | 15:30 - 15:30 |
| S22-3 | <b>Cardiac influences on exteroception : Competition or Integration?</b><br>Marie M Loescher (Châtenay-Malabry, France)   | 15:30 - 15:30 |
| S22-4 | <b>Characterizing mental health and cardiac conditions through the lens of cardiac interoception.</b><br>Charles Verdonk (Brétigny sur Orge Cedex, France)  | 15:30 - 15:30 |
| S21-5 | <b>"SWINGING WITH MY HEART": IMPACT OF AN AVERSIVE STIMULATION ON AFFECTIVE STATES, SOCIAL BONDING, CARDIAC ACTIVITY AND INDIVIDUAL KINEMATICS DURING GROUP SYNCHRONY</b><br>Julia Ayache (Montpellier, France) | 15:30 - 15:30 |

*Symposium*

15:30 - 17:30

SA3

**S23 - Consciousness unveiled: A multidimensional approach**

Jacobo Sitt (Paris, France)

- |       |  |               |
|-------|--|---------------|
| S23-1 | <b>Exploring global brain patterns dynamics and their role in states and contents of consciousness</b><br>Jacobo Sitt (Paris, France)  | 15:30 - 15:30 |
| S23-2 | <b>Exogenous attention and its interaction with conscious perception: Insights from a data-driven approach to human intracerebral recordings</b><br>Tal Seidel Malkinson (Nancy, France) | 15:30 - 15:30 |
| S23-3 | <b>How arol fluctuations impact conscious experience</b><br>Simon Van Gaal (Amsterdam, Netherlands)  | 15:30 - 15:30 |

S23-4	<b>BIFURCATION DYNAMICS: A GENERAL HALLMARK OF CONSCIOUS PROCESSING ?</b> Claire Sergent (Paris, France)	15:30 - 15:30
S23-5	<b>UNRAVELING THE ROLE OF INTRALAMINAR THALAMUS IN CONSCIOUSNESS MODULATION</b> Maude Beaudoin-Gobert (Bron, France)	15:30 - 15:30
<i>Symposium</i> 15:30 - 17:30		
<b>S24 - Exploring the brain epitranscriptome.</b> Juliette Godin (Illkirch, France) Clément Carré (Paris, France)		SR
S24-1	<b>PSEUDOURIDINE SYNTHASE 7 CONTROLS AGGRESSIVENESS THROUGH MODULATION OF GLYCOLYSIS</b> Jean-Yves Roignant (Lausanne, Switzerland)	15:30 - 15:30
S24-2	<b>TRANSLATIONAL CONTROL BY TRNA MODIFICATIONS PROMOTES SEX-DEPENDENT LEARNING AND MEMORY</b> Francesca Tuorto (Mannheim, Germany)	15:30 - 15:30
S24-3	<b>REGULATION OF LOCAL TRANSLATION AND AXON DEVELOPMENT BY M6A RNA METHYLATION</b> Loic Broix (Paris, France)	15:30 - 15:30
S24-4	<b>The Ribose Methylation Enzyme FTSJ1 has a Conserved Role in Neuron Morphology &amp; Learning Performance</b> Clément Carré (Paris, France)	15:30 - 15:30
<i>Ceremony</i> 17:30 - 18:30		
<b>C01 - General Assembly &amp; Awards Ceremony</b>		AB
<i>Plenary Lecture</i> 18:30 - 19:30		
<b>PL06 - Alfred Fessard Lecture - Greater than the sum of its parts: brain, heart and stomach</b> Stéphane Oliet (France)		AB
PL06-1	<b>Greater than the sum of its parts: brain, heart and stomach</b> Catherine Tallon-Baudry (Paris, France)	18:30 - 18:30

Friday, May 16, 2025

*Plenary Lecture*

08:30 - 09:00

AB

**PL07 - Plenary Lecture - Unravelling the neuroendocrine mysteries of polycystic ovary syndrome: Insights from mice and humans**

Agnès Nadjar (France)

PL07-1	<b>Unravelling the Neuroendocrine Mysteries of Polycystic Ovary Syndrome: insights from mice and humans</b>	08:30 - 08:30
	Paolo Giacobini (Lille, France)	

*Plenary Lecture*

09:00 - 09:30

AB

**PL08 - Plenary Lecture - A window into dreams: REM sleep behavior disorder and lucid REM sleep**

Christelle Peyron (France)

PL08-1	<b>A window into dreams: REM sleep behavior disorder and lucid REM sleep</b>	09:00 - 09:00
	Isabelle Arnulf (Paris, France)	

*Symposium*

09:30 - 11:30

AB

**S25 - Feeding the hippocampus: how diet influences hippocampal function.**

Guillaume Ferreira (Bordeaux, France)

S25-1	<b>GUT-DERIVED VAGUS NERVE SIGNALING PROMOTES HIPPOCAMPAL FUNCTION</b>	09:30 - 09:30
	Lea Decarie-Spain (Los Angeles, United States)	
S25-2	<b>Circuit-based sexual dimorphism in diet-induced cognitive impairment</b>	09:30 - 09:30
	Guillaume Ferreira (Bordeaux, France)	
S25-3	<b>Hippocampal population response to energy-dense feeding</b>	09:30 - 09:30
	David Dupret (Oxford, United Kingdom)	
S25-4	<b>DELICIOUS FOOD, DOPAMINE AND HIPPOCAMPAL AREA CA2</b>	09:30 - 09:30
	Rebecca A Piskorowski (Paris, France)	

*Symposium*

09:30 - 11:30

AP

**S26 - Insights on descending motor control: linking neural circuits to behavior and its dysfunctions.**

Julien Bouvier (Saclay, France)

S26-1	<b>DISSECTING CIRCUITS DOWNSTREAM OF DESCENDING NEURONS IN <i>DROSOPHILA</i></b>	09:30 - 09:30
S26-2	<b>Steering the brainstem in a new direction: modular organization of reticulospinal motor circuits</b>	09:30 - 09:30
	Julien Bouvier (Saclay, France)	
S26-3	<b>MAPPING CORTICAL INPUT INTO THE BRAINSTEM: THE FUNCTION OF CORTICO-BRAINSTEM NEURONS IN SKILLED MOTOR CONTROL</b>	09:30 - 09:30
	Julia Kaiser (New York, United States)	
S26-4	<b>Contribution of the motor cortex to amyotrophic lateral sclerosis</b>	09:30 - 09:30
	Caroline Rouaux (Strasbourg, France)	
S26-5	<b>DIMINISHED INTEGRITY OF THE POSTERIOR FRONTAL ASLANT</b>	09:30 - 09:30



# TRACT AS A MARKER OF DYSFLUENCY SEVERITY IN STUTTERING

Maëva Michon (Montpellier, France)

## Symposium

09:30 - 11:30

AE

### S27 - Cutting edge methods for brain rhythm explorations.

Björg Elisabeth Kilavik (Marseille, France)

James J Bonaiuto (Bron, France)

S27-1	<b>A role for beta oscillations in flexible ensemble formation</b> Saskia Haegens (New York, United States)	09:30 - 09:30
S27-5	<b>ON THE IMPORTANCE OF CONSIDERING APERIODIC ACTIVITY FOR FUNCTIONAL CONNECTIVITY ESTIMATIONS</b> Noémie Monchy (Rennes, France)	09:30 - 09:30
S27-2	<b>NOVEL APPROACHES FOR NEURAL RHYTHMICITY CHARACTERIZATION, BURST DETECTION, AND WAVEFORM ANALYSIS</b> James J Bonaiuto (Bron, France)	09:30 - 09:30
S27-3	<b>LINKING SPATIO-TEMPORAL PATTERNS ACROSS SCALES USING THE COLLABORATIVE BRAIN WAVE ANALYSIS PIPELINE</b> Michael Denker (Jülich, Germany)	09:30 - 09:30
S27-4	<b>INTERDEPENDENCE PATTERNS OF MULTIFREQUENCY OSCILLATIONS PREDICT VISUOMOTOR BEHAVIOR</b> Jyotika Bahuguna (Strasbourg, France)	09:30 - 09:30

## Symposium

09:30 - 11:30

SA1

### S28 - The primary cilium, from neurodevelopment to epigenetic control and ciliopathies.

Philippe Marin (Montpellier, France)

Séverine Chaumont-Dubel (Montpellier, France)

S28-1	<b>CILIARY FUNCTION OF ALIX IN NEURODEVELOPMENT</b> Marine Laporte (Lyon, France)	09:30 - 09:30
S28-2	<b>The primary cilium is a mechanosensing regulator of neuronal migration</b> Alain Trembleau (Paris, France)	09:30 - 09:30
S28-3	<b>A serotonergic axon-cilium synapse</b> Shu-Hsien Sheu (Redwood City, United States)	09:30 - 09:30
S28-4	<b>Epigenetic control of gene expression by a ciliary GPCR</b> Séverine Chaumont-Dubel (Montpellier, France)	09:30 - 09:30

## Symposium

09:30 - 11:30

SA3

### S29 - New targets for epilepsy.

Etienne Audinat (Montpellier, France)

Elena Dossi (Paris, France)

S29-1	<b>Role of myelination in the control of excitability and seizures</b> Marco De Curtis (Milano, Italy)	09:30 - 09:30
S29-2	<b>Astroglial connexins differentially control chronic seizures in mice and humans</b> Elena Dossi (Paris, France)	09:30 - 09:30
S29-3	<b>Protective role of regulatory T cells in epilepsy.</b>	09:30 - 09:30

	Paola Nobili (Montpellier, France)	
S29-4	<b>ARE EXCITATORY EFFECTS OF GABA REALLY INVOLVED IN EPILEPSY?</b> Gilles Huberfeld (Paris, France)	09:30 - 09:30
S29-5	<b>NEW GENOME EDITING STRATEGIES FOR ABSENCE EPILEPSY AND EPISODIC ATAXIA: OPTIMIZING SPLICE ISOFORMS FOR ENHANCED CALCIUM CHANNEL FUNCTION</b> Fanny Jaudon (TRIESTE, Italy)	09:30 - 09:30
<i>Symposium</i> 09:30 - 11:30		SR
<b>S30 - Advances in neuro-primateology</b>		
Sébastien Bouret (Paris, France) Sébastien Ballesta (Strasbourg, France)		
S30-1	<b>From ecology to cognition in primates</b> Cécile Garcia (Paris, France)	09:30 - 09:30
S30-2	<b>Sociality and resilience to long term effects of stress in semi-free ranging primates</b> Jérôme Sallet (Bron, France)	09:30 - 09:30
S30-3	<b>Subcortical correlates of social tolerance in the Macaca genus.</b> Sarah Silvere (Strasbourg, France)	09:30 - 09:30
S30-4	<b>MISSING LINK IN LANGUAGE BRAIN EVOLUTION: THE ARCUATE FASCICLE CONNECTION TO THE MTG</b> Yannick Becker (Leipzig, Germany)	09:30 - 09:30
S30-5	<b>FUNCTIONAL DISSOCIATION OF SENSORY AND GOAL-DIRECTED INFORMATION PROCESSING IN THE V4/PFC/LIP NETWORK OF NON-HUMAN PRIMATES</b> Alexis Monnet-Aimard (Marseille, France)	09:30 - 09:30
<i>Poster Session</i> 11:30 - 15:30		L0
<b>PS03 - Poster presentations</b>		
	<b>4. Integrative, sensory and motor neuroscience</b>	11:30 - 11:30
PS3.067	<b>DIVERSITY OF NEURAL TIMESCALES ACROSS LAYERS IN THE PRIMATE PMD/M1 CORTEX</b> Nilanjana Nandi (Marseille, France)	11:30 - 11:30
PS3.068	<b>AMPHETAMINE-INDUCED MOTOR STEREOTYPES ARE ACCOMPANIED BY LONG-LASTING MOLECULAR CHANGES IN STRIATAL CHOLINERGIC INTERNEURONS</b> Claire Naon (Montpellier, France)	11:30 - 11:30
PS3.069	<b>ANALYSIS OF STRESS RESPONSE IN AMYOTROPHIC LATERAL SCLEROSIS (ALS) PATIENT MOTOR NEURONS DERIVED FROM IPSC TO CHARACTERIZE THE PATHOGENIC IMPACT OF A NOVEL TIA-1 MUTATION</b> Mélusine NICOLAS (Paris, France)	11:30 - 11:30
PS3.070	<b>LOSS OF FERRITIN LIGHT-CHAIN LEADS TO AUDITORY DEFICIT</b> Régis Nouvian (Montpellier, France)	11:30 - 11:30
PS3.071	<b>DYSFUNCTION OF PRIMARY SENSORY NEURONS IN ASD : IMPACT ON TACTILE PROCESSING AND SOCIAL INTERACTIONS IN SHANK3 MICE</b> Giulia Oliva (Montpellier, France)	11:30 - 11:30

PS3.072	<b>OPTOGENETIC ACTIVATION OF THE HISTAMINERGIC SYSTEM IN THE AMYGDALA OF NARCOLEPTIC MICE REDUCES THE OCCURRENCE OF CATAPLEXY</b> Christelle PEYRON (Bron, France)	11:30 - 11:30
PS3.073	<b>CAN CORTICAL BETA ACTIVITY PREDICT MOVEMENT? AN EEG STUDY COMBINING BIDIRECTIONAL NEUROFEEDBACK AND CONNECTIVITY ANALYSES</b> Emeline Pierrieau (Bordeaux, France)	11:30 - 11:30
PS3.074	<b>ASSESSING STATIC AND DYNAMIC PROPRIOCEPTIVE COMPONENTS IN ADOLESCENTS WITH SEVERE IDIOPATHIC SCOLIOSIS</b> Daniela Maria Pinzon-Corredor (Marseille, France)	11:30 - 11:30
PS3.075	<b>HIGH-EFFICIENCY ULTRAFAST TWO-PHOTON ALL-OPTICAL INTERROGATION OF NEURAL CIRCUITS WITH ACOUSTO-OPTIC DEFLECTORS</b> Matteo Pisoni (Paris, France)	11:30 - 11:30
PS3.076	<b>NEURAL REPRESENTATIONS OF SOUND CATEGORIZATION DURING AN AUDITORY DELAYED GO/NOGO TASK</b> Pierre Platel (Paris, France)	11:30 - 11:30
PS3.077	<b>THE PSYCHOPHYSIOLOGY OF HUMAN TICKLE SENSATIONS</b> Wendy Pléту (Nijmegen, Netherlands)	11:30 - 11:30
PS3.078	<b>GUT DYSBIOSIS AND VAGUS NERVE: A PATHWAY TO CHRONIC PAIN IN RHEUMATOID ARTHRITIS?</b> Anaïs Pous (Montpellier, France)	11:30 - 11:30
PS3.079	<b>PHENOTYPIC CHANGES OF AUDITORY NERVE FIBERS AFTER EXCITOTOXICITY</b> Jean-Luc Puel (Montpellier, France)	11:30 - 11:30
PS3.080	<b>PUPILLOMETRY AND OCULOMETRY AS INDICATORS OF EMOTIONAL PROCESSING IN NEUROTYPICAL AND NEURODEVELOPMENTAL DISORDER POPULATIONS</b> Vivien Rabadan (Tours, France)	11:30 - 11:30
PS3.081	<b>FAST PATHWAY-SPECIFIC REORGANIZATION OF BARREL CORTEX UNDERLYING RAPID GOAL-DIRECTED SENSORIMOTOR LEARNING</b> Anthony Renard (Lausanne, Switzerland)	11:30 - 11:30
PS3.082	<b>NEURAL VARIABILITY IN AUTISM: TOWARD AN INDIVIDUALIZED SENSORY PROFILING APPROACH</b> Mohammad Riaz (Tours, France)	11:30 - 11:30
PS3.083	<b>CORTICAL TOP-DOWN INPUT ACTIVITY PREDICTS TACTILE STIMULUS DETECTION</b> Massimo Ruben (Bordeaux, France)	11:30 - 11:30
PS3.084	<b>GENE THERAPY RESCUES COCHLEAR FUNCTION AND CENTRAL AUDITORY PROCESSING CAPABILITIES IN A DFN16 MOUSE MODEL</b> Amel Saoudi (Paris, France)	11:30 - 11:30
PS3.085	<b>COMPARATIVE EVALUATION OF CALCIUM ALGINATE AND CMC-BASED DRESSINGS ON SENSORY NEURON FUNCTION AND REGENERATION</b> Maria Sbeih (Nanterre, France)	11:30 - 11:30
PS3.086	<b>HIGH OR LOW LEVEL FUNCTION OF STRIATUM? INSIGHTS FROM UNILATERAL PERTURBATIONS IN A NEW NATURALISTIC FORAGING TASK FOR FREELY MOVING MICE</b>	11:30 - 11:30

	Maud Schaffhauser (Marseille, France)	
PS3.087	<b>MODULATION OF SPINAL ACTIVITY AFTER LOWER LIMB PROPRIOCEPTIVE TRAINING: A SPINAL FMRI STUDY</b> Raphaëlle Schlienger (Marseille, France)	11:30 - 11:30
PS3.088	<b>MAPPING MOUSE VISUAL CORTEX WITH ZEBRA NOISE</b> Sophie Skriabine (London, United Kingdom)	11:30 - 11:30
PS3.089	<b>EARLY MUSIC EXPOSURE AFFECTS NEURAL ACTIVITY IN THE VENTRAL TEGMENTAL AREA (VTA)</b> Samira SOUFFI (Jerusalem, Israel)	11:30 - 11:30
PS3.090	<b>EFFECTS OF RETINAL LIGHT EXPOSURE ON HUMAN OLFACTORY SENSITIVITY</b> Maëlys SOUILHOL (Bron, France)	11:30 - 11:30
PS3.091	<b>DOPAMINERGIC MODULATION OF AFFECTIVE TOUCH</b> Pauline Tarot (Montpellier CEDEX 5, France)	11:30 - 11:30
PS3.092	<b>PROBING SPATIO-TEMPORAL RULES FOR ARTIFICIAL TACTILE FEEDBACK IN A SENSORY-MOTOR BRAIN-MACHINE INTERFACE</b> Alexandre Tolboom (Saclay, France)	11:30 - 11:30
PS3.093	<b>VLPAG-SST NEURONS CONTROL PAIN DESCENDING PATHWAY IN A PHYSIOPATHOLOGICAL CONTEXT</b> Juliette Viellard (Bordeaux, France)	11:30 - 11:30
PS3.094	<b>SEROTONERGIC NEURONS OF THE CAUDAL RAPHE ENSURE SKILLED LIMB MOVEMENT DURING LOCOMOTION</b> Marie Yahia (Saclay, France)	11:30 - 11:30
PS3.095	<b>HIPPOCAMPUS-CORTEX COMMUNICATION DURING SHARP-WAVE RIPPLES OBSERVED AT THE WHOLE-BRAIN SCALE WITH FUNCTIONAL ULTRASOUND IMAGING</b> Antoine Bergel (Paris, France)	11:30 - 11:30
	<b>5. Neuroendocrinology and integrative physiology</b>	11:30 - 11:30
PS3.096	<b>THE HIPPO PATHWAY RESTRICTS TANYCYTE PROLIFERATION AND MAINTAINS ENERGY HOMEOSTASIS</b> Mathilde ROUX (Lille, France)	11:30 - 11:30
PS3.097	<b>LONG-TERM, HIGH-RESOLUTION TELEMETRY MONITORING OF CIRCADIAN RHYTHMICITY OF TEMPERATURE AND ACTIVITY IN SOCIALLY HOUSED MICE</b> Janna Saltana (Saint Paul, United States)	11:30 - 11:30
PS3.098	<b>UNVEILING THE METABOLIC ROLE OF GLIS3 IN TANYCYTES</b> Rachel Spenlé (Lille, France)	11:30 - 11:30
PS3.099	<b>HYPOTHALAMIC TANYCYTES CONTROL SF1-DEPENDENT METABOLIC REGULATION VIA LRP2 SIGNALING</b> Fatima Timzoura (Lille, France)	11:30 - 11:30
	<b>6. Cognitive, affective and behavioral neuroscience, neuroethology</b>	11:30 - 11:30
PS3.100	<b>BEHAVIORAL GRAMMAR OF THE SOCIAL BRAIN: EARLY LIFE COMMUNICATION AS A LANDMARK OF NEUROPSYCHIATRIC AND SOCIAL IMPAIRMENTS</b> Jessica Pereira-Silva (Marseille, France)	11:30 - 11:30
PS3.101	<b>A ROLE FOR THE CLAUSTRUM IN SLEEP-DEPENDENT MEMORY CONSOLIDATION</b> Coline Portet (Strasbourg, France)	11:30 - 11:30

PS3.102	<b>CROSS-SPECIES COMPARISON OF ALLOCENTRIC REPRESENTATION IN A COMMON VIRTUAL ENVIRONMENT</b> Mihoby Razafinimanana (Paris, France)	11:30 - 11:30
PS3.103	<b>CANNABINOID TYPE-1 RECEPTORS IN ACQUISITION/EXPRESSION OF PTSD-LIKE MEMORIES</b> Bastien Redon (Bordeaux, France)	11:30 - 11:30
PS3.104	<b>IN THE BLINK OF AN EYE: RAPID NEURAL FACE SELECTIVITY EMERGES AS EARLY AS 2 MONTHS OF AGE WITH ADAPTED NATURAL STIMULI</b> Diane Rekow (Hamburg, Germany)	11:30 - 11:30
PS3.105	<b>INTERBRAIN SYNCHRONY TRAJECTORIES DURING TEAMWORK: LINKS WITH PERSONALITY AND PERFORMANCE</b> Coralie Réveillé (Montpellier, France)	11:30 - 11:30
PS3.106	<b>THE SODIUM LEAK CHANNEL NALCN IN NORADRENERGIC NEURONS REGULATES COGNITIVE FLEXIBILITY</b> Angelina Rogliardo (Montpellier, France)	11:30 - 11:30
PS3.107	<b>CONTROL OF RISK-TAKING BEHAVIORS BY THE LATERODORSAL TEGMENTAL NUCLEUS IN A MODEL OF EARLY LIFE STRESS</b> Léa Royon (Valbonne, France)	11:30 - 11:30
PS3.108	<b>INDIVIDUAL DIFFERENCES IN BEHAVIORAL RESPONSES TO CHRONIC MILD STRESS IN MICE</b> Thamyris Santos Silva (Montpellier, France)	11:30 - 11:30
PS3.109	<b>HUNTINGTON'S DISEASE AND THE BENEFITS OF AN ENRICHED ENVIRONMENT: INVESTIGATING THE ROLE OF EPIGENETIC REGULATION</b> Jil Scuto (Strasbourg, France)	11:30 - 11:30
PS3.110	<b>WHEN ART CATCHES THE EYE AND THE HEART: A OCULOMETRIC, PUPILLOMETRIC, AND HEART RATE ANALYSIS OF PAINTING PERCEPTION STRATEGIES IN PEOPLE WITH ASD, ARTISTS, AND NEUROTYPICAL INDIVIDUALS</b> Daphné SENGGARAN (Tours, France)	11:30 - 11:30
PS3.111	<b>FROM FEAR TO AVOIDANCE: THE ROLE OF AMYGDALA-TO-STRIATAL CIRCUITRY IN IDENTIFYING ADAPTIVE ACTIVE DEFENSIVE RESPONSES DURING LEARNING</b> Mehdi Sicre (Saitama, Japan)	11:30 - 11:30
PS3.112	<b>EMOTIONAL VALENCE SHAPES THE SPATIAL REPRESENTATIONS IN THE DORSAL AND VENTRAL HIPPOCAMPUS</b> Azul Silva (Paris, France)	11:30 - 11:30
PS3.113	<b>TRANSLATIONAL APPROACH TO DECISION MAKING UNDER CONDITION OF RARE AND EXTREME EVENTS</b> Lola Soubeyrand (Marseille, France)	11:30 - 11:30
PS3.114	<b>CAUSAL EVIDENCE FOR THE ROLE OF THE PREFRONTAL OPERCULUM IN INNER SPEECH: INSIGHTS FROM LESION-SYMPTOM MAPPING</b> Daniele Spica (Bron, France)	11:30 - 11:30
PS3.115	<b>PROJECTIONS FROM THE MEDIAL PREFRONTAL CORTEX TO THE VENTRAL MIDLINE THALAMUS AND SPATIAL COGNITION</b> Aline Stephan (strasbourg, France)	11:30 - 11:30
PS3.116	<b>TO DELIBERATE, REMEMBER; TO ANTICIPATE, FORGET: UNIFYING ADAPTIVE FORGETTING, REPRESENTATIONAL DELIBERATION, AND ANTICIPATION THROUGH ANALYSIS OF EVERYDAY-LIKE MEMORY PROCESSES</b>	11:30 - 11:30

	Christopher Stevens (Bordeaux, France)	
PS3.117	<b>IS A NEUROETHICS BY DESIGN POSSIBLE FOR NEUROTECHNOLOGIES? ETHICAL AND PHILOSOPHICAL REFLECTIONS BASED ON THE NOTION OF CONSCIOUSNESS THAT THE CONVERGENCE OF AI AND NEUROSCIENCE BRINGS INTO TENSION</b> laure Tabouy (Aix-en-Provence Cedex 1, France)	11:30 - 11:30
PS3.118	<b>INTERACTION BETWEEN CLAUSTRUM ACTIVITY AND CORTICAL DYNAMICS DURING THE SLEEP-WAKE CYCLE AND MEMORY TASKS</b> Flora Thellier (Strasbourg, France)	11:30 - 11:30
PS3.119	<b>SENSE OF AGENCY, TO ADAPT OR NOT ADAPT, "HOW" IS THE QUESTION</b> Romaric Thiboud (Bron, France)	11:30 - 11:30
PS3.121	<b>MEMORY OF PAIN AND ASSOCIATED CONTEXT IN AN IMMERSIVE VIRTUAL REALITY PROTOCOL</b> Juliette Van Eycken (Paris, France)	11:30 - 11:30
PS3.122	<b>NON-CONVENTIONAL NMDA RECEPTORS CONTAINING GLUN3A CONTROL STRESS RESILIENCE</b> Remy Verhaeghe (Sant Joan d'Alacant, Spain)	11:30 - 11:30
PS3.123	<b>UNRAVELING THE ROLE OF PREFRONTAL NORADRENERGIC TRANSMISSION IN REGULATING SOCIAL-EMOTIONAL PROCESSES</b> Roman Walle (Genova, Italy)	11:30 - 11:30
PS3.124	<b>DISRUPTING RECOGNITION MEMORY: THE COMPLEX INTERPLAY BETWEEN CORTICOSTERONE AND ENDOCANNABINOID SIGNALING</b> Julia Welte (Bordeaux, France)	11:30 - 11:30
PS3.125	<b>THE LONGITUDINAL DEVELOPMENT OF FRONTAL FEEDBACK POTENTIALS DURING LEARNING TO LEARN IN MACAQUES</b> Charlie Wilson (Lyon, France)	11:30 - 11:30
PS3.126	<b>THE FOOD AVOIDANCE AND RESTRICTION IN ANOREXIA NERVOSA: EVIDENCES BY AN EXPERIMENTAL PARADIGM ASSOCIATING GAZE MONITORING AND EVALUATIONS OF PREFERENCE AND WILLINGNESS TO EAT FOODS WITH DIFFERENT CALORIC VALUES</b> Amale Zemmahi (Saint-Etienne, France)	11:30 - 11:30
PS3.127	<b>THE ROLE OF GLUT3 IN NEURONAL ENERGY METABOLISM AND COGNITIVE FUNCTIONS OF THE RAT SOMATOSENSORY CORTEX</b> Mohamed Amine Zkim (Potiers, France)	11:30 - 11:30
	<b>7. Theoretical and computational neuroscience</b>	11:30 - 11:30
PS3.132	<b>NETWORK COMPLEXITY FOR WHOLE-BRAIN DYNAMICS ESTIMATED FROM FMRI DATA</b> Matthieu Gilson (Marseille, France)	11:30 - 11:30
PS3.133	<b>DIRECTIONAL FUNCTIONAL INTERACTIONS IN BRAIN NETWORKS IN TYPICAL AGING</b> Marta Morandini (Marseille, France)	11:30 - 11:30
PS3.134	<b>SPECIES-SPECIFIC PROPERTIES OF BETA OSCILLATIONS IN THE BASAL GANGLIA SUGGEST DIVERGING GENERATION MECHANISMS</b> Elena Nicollin (Bordeaux, France)	11:30 - 11:30

PS3.135	<b>BTC, A 'BIOLOGICAL TISSUE COLLECTION' OF PRE-CLINICAL MODELS FOR BIOMEDICAL RESEARCH</b> Alicia Seguin (Montpellier, France)	11:30 - 11:30
PS3.136	<b>THE ROLE OF ALPHA OSCILLATIONS IN LOCAL AND GLOBAL INHIBITION DURING FIGURE-GROUND SEGREGATION</b> Danila Shelepenkov (Villeurbanne, France)	11:30 - 11:30
<i>Poster Session</i> 11:30 - 15:30		A2
<b>PS03 - Poster presentations</b>		
	<b>1. Neurodevelopment</b>	11:30 - 11:30
PS3.001	<b>MULTISCALE INTEGRATION THROUGH KNOWLEDGE GRAPHS: NEW PERSPECTIVES ON MECHANISMS UNDERLYING NEURODEVELOPMENTAL DISORDERS</b> Arnaud Maupas (Montréal, Canada)	11:30 - 11:30
PS3.002	<b>THE IMPACT OF EARLY LIFE ENVIRONMENTAL EXPOSURE TO PYRETHROIDS ON NEURODEVELOPMENTAL DISORDERS OUTCOMES</b> Masha Meger (Marseille, France)	11:30 - 11:30
PS3.003	<b>WHOLE-BRAIN VIRAL GENE THERAPY FOR FRAGILE X SYNDROME VIA FOCUSED ULTRASOUND AND BLOOD BRAIN BARRIER OPENING</b> Arnaud Menuet (Orléans, France)	11:30 - 11:30
PS3.004	<b>EARLY AUTOPHAGY IMPAIRMENTS LEADING TO BRAIN MALFORMATIONS IN A NEURODEVELOPMENTAL DISORDER: INSIGHTS FROM A WARBURG MICRO SYNDROME FETUS EXPLORATION</b> Emma Noel (Paris, France)	11:30 - 11:30
PS3.005	<b>INVESTIGATING THE ROLE OF GENETIC BACKGROUND IN PROGERIA COCKAYNE SYNDROME USING IPSC-DERIVED NEURAL ORGANIDS</b> Eugenia Pugliese (Paris, France)	11:30 - 11:30
PS3.006	<b>IDENTIFICATION OF NEW SIGNALING PATHWAYS UNDERLYING EARLY NEURODEVELOPMENTAL ROLES OF THE CILIARY SEROTONIN 5-HT<sub>6</sub> RECEPTOR</b> Clémence Quittet (Montpellier, France)	11:30 - 11:30
PS3.007	<b>THE DYNAMICS OF PUPIL DILATION AND OCULAR EXPLORATION PATTERNS IN RESPONSE TO SOCIAL MOTION IN AUTISTIC CHILDREN</b> Camille Ricou (Tours, France)	11:30 - 11:30
PS3.008	<b>TET ISOFORMS-MEDIATED REGULATION OF SLIT-ROBO SIGNALING DURING MUSHROOM BODY DEVELOPMENT IN <i>DROSOPHILA MELANOGASTER</i></b> Nicole Sanhueza-Cubillos (Santiago, Chile)	11:30 - 11:30
PS3.009	<b>ELECTRICALLY ACTIVE HUMAN PLURIPOTENT STEM CELL-DERIVED NEURAL ORGANIDS AS A TOOL FOR DISEASE MODELING AND DRUG DISCOVERY</b> Carla Sanjurjo Soriano (Vancouver, Canada)	11:30 - 11:30
PS3.010	<b>THE MULTIPLE-HIT HYPOTHESIS FOR NEURODEVELOPMENTAL DISEASE IN THE DOHAD CONTEXT: WHAT CAN WE LEARN FROM EARLY-STRESSED VASOACTIVE INTESTINAL PEPTIDE'S (VIP) DEFICIENT MICE?</b> Edith Tanché (Strasbourg, France)	11:30 - 11:30

PS3.011	<b>DYNAMICS OF NEWBORN NEURONS' MIGRATION IN THE ZEBRAFISH LARVAL OPTIC TECTUM</b> Diego Topsakalian (Paris, France)	11:30 - 11:30
PS3.012	<b>MATERNAL MICROBIOME DISRUPTION IS IMPACTING EARLY-LIFE BRAIN BARRIERS AND IMMUNE STATUS: INSIGHTS FROM CAESAREAN SECTION MOUSE OFFSPRING</b> Valentine Turpin (Cork, Ireland)	11:30 - 11:30
PS3.013	<b>NEURONAL METABOLISM IS ALTERED IN THE MOUSE MODEL OF THE 16P11.2 MICRODELETION SYNDROME</b> Sozerko Yandiev (Lyon, France)	11:30 - 11:30
PS3.014	<b>STATE MODULATION OF GLUTAMATERGIC AND GABAERGIC NETWORK DYNAMICS IN EARLY POSTNATAL DEVELOPMENT</b> Sofia Zangila (Marseille, France)	11:30 - 11:30
	<b>2. Neuro-excitability, synapse and glia</b>	11:30 - 11:30
PS3.015	<b>ROLE OF PUNCTIN PROCESSING IN THE ORGANISATION OF C.ELEGANS NEUROMUSCULAR JUNCTIONS</b> Suzanne Le Reun (Lyon, France)	11:30 - 11:30
PS3.016	<b>NEGATIVE DOMINANCE, A NOVEL PATHOLOGICAL MECHANISM OF AUTISTIC SPECTRUM DISORDER SCN2A/NA<sub>v</sub>1.2 SODIUM CHANNEL VARIANTS</b> Massimo Mantegazza (Valbonne - Sophia Antipolis, France)	11:30 - 11:30
PS3.017	<b>TARGETING A4B2 NICOTINIC RECEPTORS FOR DEPRESSION TREATMENT: ELECTROPHYSIOLOGICAL AND BEHAVIORAL INSIGHTS FROM MECAMYLAMINE ENANTIOMERS</b> Andrea MONDRAGON GARCIA (mexico, Mexico)	11:30 - 11:30
PS3.018	<b>THE ASTROCYTES: THE UNFORGETTABLE PARTNERS OF MEMORY</b> Sarah Mountadem (Bordeaux Cedex, France)	11:30 - 11:30
PS3.019	<b>SOMATOSTATIN RELEASED BY SINGLE ORIENS-LACUNOSUM MOLECULAR INTERNEURONS INHIBITS INTRINSIC NEURONAL EXCITABILITY IN A PARACRINE AND AUTOCRINE MANNER</b> Maria Laura Musella (Marseille, France)	11:30 - 11:30
PS3.020	<b>ROLE OF THE CASR IN NEURONAL EXCITABILITY IN CA1 HIPPOCAMPAL REGION</b> Konstantina Mylonaki (Marseille, France)	11:30 - 11:30
PS3.021	<b>NEUROGLIAL ATP DYNAMICS IN HEALTH AND DISEASE: BIOSENSOR-BASED INSIGHTS</b> Paola Nobili (Montpellier, France)	11:30 - 11:30
PS3.022	<b>WIDE-FIELD IMAGING OF ASTROCYTIC CALCIUM AND NOREPINEPHRINE AT BEHAVIORAL-STATE TRANSITIONS</b> Anthoni Noel (Strasbourg, France)	11:30 - 11:30
PS3.023	<b>BALANCE OF HOMEOSTATIC PLASTICITY AT THE NEUROMUSCULAR SYNAPSE</b> Gilles Ouanounou (Saclay, France)	11:30 - 11:30
PS3.024	<b>A GDNF RECEPTOR REGULATES SYNAPSE ORGANIZATION IN C. ELEGANS</b> Liubov PATRASH (Lyon, France)	11:30 - 11:30
PS3.025	<b>MAST CELLS IN THE HEALTHY AND ALZHEIMER'S ADULT MOUSE BRAIN PARENCHYMA</b> Zora Pelloquin-Mvogo (Montpellier, France)	11:30 - 11:30



PS3.026	<b>EMPLOYING IPSC-DERIVED MICROGLIAL-LIKE CELLS TO ELUCIDATE THE MOLECULAR MECHANISMS AND FUNCTIONAL RELEVANCE OF MICROGLIAL CELL STATE DYNAMICS</b> Allwyn Pereira (Nantes, France) Allwyn Pereira (Nantes, France)	11:30 - 11:30
PS3.027	<b>EXCITATORY GLYCINE RECEPTORS (EGLYRS) IN THE VENTRAL HIPPOCAMPUS CONTROL SYNAPTIC PLASTICITY AND ANXIETY-RELATED BEHAVIORS</b> Lara Pizzamiglio (Paris, France)	11:30 - 11:30
PS3.028	<b>COMBINATION OF CAS9 AND ADENO-ASSOCIATED VECTORS (AAVS) ENABLES EFFICIENT IN VIVO KNOCKDOWN OF PRECISE MIRNAS IN THE RODENT BRAIN</b> Natalia Popa (Marseille, France)	11:30 - 11:30
PS3.029	<b>ACTIVATING MUTATION OF GLUTAMATE DEHYDROGENASE IN THE MEOBASIL HYPOTHALAMUS TRIGGERS SEIZURES IN MICE</b> Angela M. Ramos-Lobo (Geneva, Switzerland)	11:30 - 11:30
PS3.030	<b>NUCLEUS ACCUMBENS: CELLULAR BASIS OF NEURONAL ADAPTATIONS IN AGEING</b> Aurore Ribera (Valbonne, France)	11:30 - 11:30
PS3.031	<b>NEUROLIGIN-1 IN ASTROCYTE-SYNAPSE CROSSTALK</b> Margaux Saint-Martin (Bordeaux, France)	11:30 - 11:30
PS3.032	<b>IRAP ENDOSOMES REGULATE INFLAMMATORY CYTOKINE SECRETION IN MICROGLIA</b> Pierre Simonin (Montpellier, France)	11:30 - 11:30
PS3.033	<b>A NEW MOUSE MODEL OF NON-SYNDROMIC AUTISM SPECTRUM DISORDER CARRYING THE HUMAN NEGATIVE-DOMINANT MUTATION L1314P OF THE SCN2A/NA<sub>v</sub>1.2 SODIUM CHANNEL</b> Martina Simonti (Nice, France)	11:30 - 11:30
PS3.034	<b>DIFFERENTIAL AREA, CELL TYPE AND COMPARTMENT SPECIFIC EFFECTS OF 5-HT IN VISUAL CORTICES</b> Hugh Takemoto (Marseille, France)	11:30 - 11:30
	<b>3. Neurological and psychiatric diseases, experimental therapeutics</b>	11:30 - 11:30
PS3.035	<b>IN SEARCH OF THE SWEET-SPOT DOSE RESPONSE FOR PHOTOBIMODULATION: EXPLORING THE EFFECT ON ASTROCYTES IN CELL CULTURE</b> José Martinez Hernandez (Grenoble, France)	11:30 - 11:30
PS3.036	<b>IN VIVO TARGETING A-SYNUCLEIN FIBRILS BY SPECIFIC NANOBODIES IN MICE</b> Claire Mazzocco (Bordeaux, France)	11:30 - 11:30
PS3.037	<b>STRESS-INDUCED PLASMINOGEN ACTIVATOR INHIBITOR-1 (PAI-1) AS A BIOMARKER / RISK FACTOR FOR POST-TRAUMATIC STRESS DISORDER (PTSD)</b> Marie Mennesson (Bordeaux, France)	11:30 - 11:30
PS3.038	<b>FLUOXETINE EXACERBATES EPILEPTIC ACTIVITIES IN TG2576 AN ALZHEIMER'S DISEASE MOUSE MODEL</b> Cécile MERVEILLIE (Toulouse, France)	11:30 - 11:30
PS3.039	<b>MOLECULAR MODULATION OF PLANAR CELL POLARITY SIGNALING MODIFIES PATTERN SEPARATION AND COMPLETION PROCESSES IN MICE</b> Maïté. M MOREAU (Bordeaux, France)	11:30 - 11:30

PS3.040	<b>SEX-DEPENDENT IMPACT OF ENVIRONMENTAL ENRICHMENT ON BEHAVIORAL AND TRANSCRIPTIONAL ALTERATIONS IN AN ALZHEIMER'S DISEASE-LIKE MOUSE MODEL</b> Coline Mounier (Strasbourg, France)	11:30 - 11:30
PS3.041	<b>ASTROCYTES DYSFUNCTION CONTRIBUTES TO INTELLECTUAL DISABILITY</b> Cresto Noemie (montpellier, France)	11:30 - 11:30
PS3.042	<b>SUCROSE BINGEING IN MICE: CONSEQUENCES ON MOTIVATION AND BRAIN ACTIVITY</b> Henry Odent (Strasbourg, France)	11:30 - 11:30
PS3.043	<b>ALTERATIONS IN CEREBELLAR DEVELOPMENT DURING POST-NATAL PERIOD IN A MOUSE MODEL OF INTELLECTUAL DISABILITY</b> Roseline Poirier (Saclay, France)	11:30 - 11:30
PS3.044	<b>EXPLORING THE ROLE OF CLEC7A/DECTIN-1 IN MICROGLIA FUNCTIONS: IMPLICATIONS AS AN EARLY MOLECULAR TARGET IN ALZHEIMER'S DISEASE</b> Matthieu Prieur (Montpellier, France)	11:30 - 11:30
PS3.045	<b>NANOBODY IMMUNOTHERAPY RESCUES BEHAVIORAL DEFICITS IN SCHIZOPHRENIA MODELS</b> Pierre Prieu-serandon (Montpellier, France)	11:30 - 11:30
PS3.046	<b>CANDIDATE GENES AS BIOMARKERS IN ANOREXIA NERVOSA</b> Nicolas RAMOZ (Paris, France)	11:30 - 11:30
PS3.047	<b>COMMON AND SPECIFIC INTERACTOMES OF DISTINCT ALPHA-SYNUCLEIN FIBRILLAR POLYMORPHS IN NEURONS AND ASTROCYTES</b> Nolwen Rey (Fontenay-aux-Roses, France)	11:30 - 11:30
PS3.048	<b>HETEROZYGOUS VARIANTS IN ZFR CAUSE NEURODEVELOPMENTAL ALTERATIONS, INTELLECTUAL DISABILITY, AND MICROCEPHALY</b> Elodie Richard (Montpellier, France)	11:30 - 11:30
PS3.049	<b>IMPLICATION OF THE NOCICEPTIN SYSTEM IN STRESS-INDUCED SOCIAL ANXIETY IN MICE</b> Cathaline Robert (Toulouse, France)	11:30 - 11:30
PS3.050	<b>SPINAL GABAERGIC INTERNEURONS AS A KEY REGULATOR OF ATYPICAL MECHANOSENSORY PERCEPTION IN AUTISM SPECTRUM DISORDER</b> Anna Saint-Jean (Bordeaux, France)	11:30 - 11:30
PS3.051	<b>STRUCTURAL FEATURES OF THE EPILEPTOGENIC ZONE IN A MOUSE MODEL OF MESIO-TEMPORAL LOBE EPILEPSY: NEURONAL HYPERCONNECTIVITY AND/OR VASCULAR CHANGES?</b> Ioan Samalens (La Tronche, France)	11:30 - 11:30
PS3.052	<b>CELLULAR DETERMINANTS OF HUMAN EPILEPTIC NETWORKS</b> Mélina Scopin (Paris, France)	11:30 - 11:30
PS3.053	<b>ANTIDEPRESSANT-LIKE EFFECTS OF PSYCHEDELICS IN A CHRONIC DESPAIR MOUSE MODEL: IS THE 5-HT<sub>2A</sub> RECEPTOR THE UNIQUE PLAYER?</b> Mehdi Sekssaoui (Montpellier, France)	11:30 - 11:30
PS3.054	<b>ALTERED TACTILE PERCEPTION IN AUTISM: DECODING NEURAL MECHANISMS AND COGNITIVE LINKS</b> Ourania Semelidou (Bordeaux, France)	11:30 - 11:30

PS3.055	<b>GLUN2B C-TERMINAL DOMAIN DELETION DRIVES MOLECULAR AND CELLULAR NMDA-R DYSFUNCTION IN DEVELOPMENTAL AND EPILEPTIC ENCEPHALOPATHIES</b> Roza Szlendak (Montpellier, France)	11:30 - 11:30
PS3.056	<b>EX VIVO STUDY OF THE EARLY EVENTS OF TAU PATHOLOGY IN TRANSGENIC MOUSE HIPPOCAMPUS</b> Rislane Taouili (Lille, France)	11:30 - 11:30
PS3.057	<b>THE GRID1/GLUD1 HOMOZYGOUS VARIANT P.ARG161HIS LINKED TO INTELLECTUAL DISABILITY AND SPASTIC PARAPLEGIA IMPAIR EXCITATORY SYNAPTIC TRANSMISSION IN THE HIPPOCAMPUS</b> Ludovic Tricoire (Paris, France)	11:30 - 11:30
PS3.058	<b>DOES TIME OF DAY INFLUENCE NEUROPROTECTIVE EFFICACY OF PHOTOBIMODULATION IN A MOUSE MODEL OF ALZHEIMER'S DISEASE?</b> Audrey Valverde (Grenoble, France)	11:30 - 11:30
PS3.059	<b>A NEW NEURONAL CIRCUIT LINKING BASAL GANGLIA AND SPINAL CORD THROUGH D2R EXPRESSING NEURONS OF THE ROSTRAL VENTROMEDIAL MEDULLA</b> Aude Verboven (Bordeaux, France)	11:30 - 11:30
PS3.060	<b>SUBTHALAMIC NUCLEUS OPTOGENETIC INHIBITION DECREASES VOLITIONAL MOTIVATION FOR SOCIAL INTERACTIONS</b> Lucie Vignal (Marseille, France)	11:30 - 11:30
PS3.061	<b>IDENTIFICATION OF NEW INHIBITORS OF DOPAMINE-GLUTAMATE RECEPTOR HETEROMERIZATION TO ALLEVIATE ADDICTIVE- AND DEPRESSIVE-LIKE SYMPTOMS</b> Adèle Vilette (Paris, France)	11:30 - 11:30
PS3.062	<b>A COMBINED TDP43-TAU CELLULAR MODEL FOR THE UNDERSTANDING OF LATE-NC PROTEINOPATHY</b> Patricia VILLACE (Derio, Spain)	11:30 - 11:30
PS3.063	<b>ACTIVATION OF PDE2A MODERATES PATHOLOGICALLY HIGH CAMP/PKA RESPONSES TO DOPAMINE IN DYSKINETIC MICE</b> Pierre Vincent (Montpellier, France)	11:30 - 11:30
PS3.064	<b>USING HUMAN MIDBRAIN ORGANOIDs TO INVESTIGATE MITOCHONDRIAL STRESS-RESPONSIVE MECHANISMS IN DOPAMINERGIC NEURONS AND THEIR ALTERATIONS BY PARKIN DEFICIENCY</b> Christiane Zhu (Paris, France)	11:30 - 11:30
PS3.065	<b>USING PHOTOPHARMACOLOGY AS A TOOL TO STUDY MGLU5 HIPPOCAMPAL ASYMMETRY IN AD MICE</b> Charleine Zussy (Montpellier, France)	11:30 - 11:30
	<b>4. Integrative, sensory and motor neuroscience</b>	11:30 - 11:30

*Special Session*  
13:00 - 14:00

AP

**SP08 - Ending gender bias in neuroscience**

Stéphanie Trouche (Montpellier, France)

SP09.01	<b>Ending gender bias in neuroscience</b> May Morris (Montpellier, France)	13:00 - 13:00
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*Special Session*

13:00 - 14:00

AE

**SP07 - How does music therapy promote socio-emotional engagement in Alzheimer's disease?**

Carole Crozet (Montpellier, France)

SP07.01

**How does music therapy promote socio-emotional engagement in Alzheimer's disease?**

13:00 - 13:00

Mikael Genguelou (Montpellier, France)

*Special Session*

13:00 - 14:00

SA3

**SP09 - How to start (and stay!) in academia? - Organized by the Young Researcher's Office**

Juliette Archimbaud (Paris, France)

SP08.01

**How to start (and stay!) in academia?**

13:00 - 13:00

Emmanuel Bourinet (Montpellier, France)

Sébastien Bouret (Lille, France)

Stephanie Dumas (Paris, France)

*Symposium*

15:30 - 17:30

AB

**S31 - Sensory experience alterations in autism across species.**

Ourania Semelidou (Bordeaux, France)

Andreas Frick (Bordeaux, France)

S31-1

**A MULTILEVEL INVESTIGATION OF VISUAL SENSITIVITY AND REACTIVITY IN AUTISTIC ADULTS**

15:30 - 15:30

Laurie-Anne Sapey-Triomphe (Bron, France)

S31-2

**Multisensory integration and movement in depth in the autistic spectrum**

15:30 - 15:30

Céline Cappe (Toulouse, France)

S31-3

**ELECTRORETINOGRAPHY AND CONTRAST SENSITIVITY: COMPLEMENTARY BIOMARKERS OF SENSORY DEFICITS IN THE VISUAL SYSTEM OF INDIVIDUALS WITH FRAGILE X SYNDROME**

15:30 - 15:30

Amir Attallah (Orléans, France)

S31-4

**TACTILE HYPOSENSITIVITY AND ALTERED NEURAL ENCODING IN THE FMR1KO MOUSE MODEL OF AUTISM**

15:30 - 15:30

Andreas Frick (Bordeaux, France)

S31-5

**UNDERSTANDING TACTILE CIRCUIT ALTERATIONS IN AUTISM SPECTRUM DISORDER**

15:30 - 15:30

Charline Kambrun (Boston, United States)

*Symposium*

15:30 - 17:30

AP

**S32 - Neural mechanisms for defensive responses: from circuits to function.**

Rui S Rodrigues (Bordeaux, France)

Antoine Besnard (Montpellier, France)

S32-1

**Dissecting neural circuit mechanisms underlying aversive behavior in the medial habenula**

15:30 - 15:30

Elim Hong (Paris, France)

S32-2

**TO FLEE OR NOT TO FLEE: THE ROLE OF THE ENDOCANNABINOID SYSTEM IN DETERMINING DEFENSIVE BEHAVIORS**

15:30 - 15:30

Rui S Rodrigues (Bordeaux, France)

S32-3

**PERIAQUEDUCTAL GRAY NEURONS ARE ALL-OR-NONE THREAT GATES MODULATED BY ESCAPE EXPERIENCE**

15:30 - 15:30

	Yaara Lefler (London, United Kingdom)	
S32-4	<b>Interaction between dopamine transmission and sex hormones in the regulation of active avoidance</b> Antoine Besnard (Montpellier, France)	15:30 - 15:30
S32-5	<b>FROM THREAT REPRESENTATIONS TO DEFENSIVE BEHAVIORS: THE ROLES OF DISTINCT PREFRONTAL NEURONAL POPULATIONS</b> Ana Paula Menegolla (Bordeaux, France)	15:30 - 15:30

*Symposium*  
15:30 - 17:30

AE

**S33 - Interplay of central nervous and peripheral systems: insight into health and diseases - Supported by the GDR Microglie et Neuroinflammation & the Club Français de NeuroImmunologie**

Rejane Rua (Marseille, France)

Pierre Gressens (Paris, France)

S33-1	<b>The yin and the yang of neuroimmune responses during chronic brain infection : T cell-mediated protection &amp; cognitive dysfunction</b> Nicolas Blanchard (Toulouse, France)	15:30 - 15:30
S33-2	<b>A UNIVERSAL BRAIN MYELOID CELL ROAD MAP FROM DEVELOPMENT TO NEURODEGENERATIVE DISEASES</b> Aymeric Silvin (Villejuif, France)	15:30 - 15:30
S33-3	<b>MICROGLIA REGULATION IN HEALTH AND DISEASE: INFLUENCE OF FATTY ACID METABOLISM</b> Charlotte Madore (France)	15:30 - 15:30
S33-4	<b>The disparity in immune and developmental brain myeloid cells during neonatal inflammation and the onset of neurodevelopmental disorders</b> Juliette Van Steenwinckel (Paris, France)	15:30 - 15:30
S33-5	<b>CHRONIC LATENT TOXOPLASMA GONDII INFECTION PRECIPITATES COGNITIVE DECLINE IN AN INDUCIBLE ALZHEIMER'S DISEASE MODEL</b> Elisa Roitg (Toulouse, France)	15:30 - 15:30

*Symposium*  
15:30 - 17:30

SA1

**S34 - The central role of autophagy in neurodegenerative diseases: a double edge sword.**

Benoit Denis Roussel (Caen, France)

Flavie Strappazon (Lyon, France)

S34-1	<b>Role of late endosomal autophagy-dependent secretion in Parkinson's disease</b> Thierry Galli (Paris, France)	15:30 - 15:30
S34-2	<b>The variant NDP52"GE": a protective factor for Alzheimer disease that counteracts the accumulation of pathological tau</b> Flavie Strappazon (Lyon, France)	15:30 - 15:30
S34-3	<b>Hormonal-dependent regulation of neuronal autophagy in brain aging and cognitive decline</b> Franck Oury (Paris, France)	15:30 - 15:30
S34-4	<b>Spatio-temporal control of neuronal autophagy by the gigaxonin-E3 ligase</b> Pascale Bomont (Lyon, France)	15:30 - 15:30
S34-5	<b>UNCOVERING MECHANISMS UNDERLYING THE TRANS-CELLULAR SPREADING OF TAU AND A-SYNUCLEIN IN</b>	15:30 - 15:30

**NEURODEGENERATIVE DISEASES**

Éloïse Néel (Montpellier, France)

*Symposium*

15:30 - 17:30

SA3

**S35 - Lactate as a glia-derived signal to regulate neuronal excitability, microglial function and behavior.**

Luc Pellerin (Poitiers, France)

Anne-Karine Bouzier-Sore (Bordeaux, France)

S35-1	<b>LACTATE: AN ENERGY SUBSTRATE FOR CORTICAL NEURONS AND AN ENHANCER OF SPIKING ACTIVITY</b>	15:30 - 15:30
	Bruno Cauli (Paris, France)	
S35-2	<b>THE ROLE OF LACTATE IN THE CONTROL OF MICROGLIAL FUNCTION</b>	15:30 - 15:30
	Rosa Chiara Paolicelli (Lausanne, Switzerland)	
S35-3	<b>NEURONAL AND ASTROGLIAL LACTATE TRANSPORTERS PLAY KEY ROLES IN HIPPOCAMPUS-DEPENDENT LEARNING AND MEMORY FORMATION</b>	15:30 - 15:30
	Luc Pellerin (Poitiers, France)	
S35-4	<b>Lactate transporters in the rat barrel cortex sustain whisker-dependent BOLD fMRI signal and behavioral performance</b>	15:30 - 15:30
	Anne-Karine Bouzier-Sore (Bordeaux, France)	
S35-5	<b>LACTATE: A PROMISING THERAPEUTIC APPROACH IN THE CONTEXT OF NEONATAL HYPOXIA-ISCHEMIA</b>	15:30 - 15:30
	Ifrah OMAR (Bordeaux Cedex, France)	

*Symposium*

15:30 - 17:30

SR

**S36 - Coordinating vision, orientation and navigation.**

Desdemona Fricker (Paris, France)

Michael Graupner (Paris, France)

S36-1	<b>Rapid synchronization between internal cognitive representations and the stepping rhythm</b>	15:30 - 15:30
	Abhilasha Joshi (Bangalore, India)	
S36-2	<b>Inter- and Intra-hemispheric Sources of Vestibular Signals to the Primary Visual Cortex</b>	15:30 - 15:30
	Guy Bouvier (SACLAY, France)	
S36-3	<b>Self-motion integration for perception and navigation.</b>	15:30 - 15:30
	Sepiedeh Keshavarzi (Cambridge, United Kingdom)	
S36-4	<b>WHY ALZHEIMER'S THERAPIES AND PLACE CELLS FAIL TO TRANSLATE FROM MICE TO HUMANS</b>	15:30 - 15:30
	Mayank Mehta (Los Angeles, United States)	
S36-5	<b>FROM GRAVITY SENSING TO INSECT ORIENTATION BEHAVIOR</b>	15:30 - 15:30
	Nuria Romero (Sophia Antipolis, France)	