

Wednesday, 24. May 2023*Ceremony*

08:30 - 09:00

R1

C01 - Opening Ceremony*Paul Broca Lecture*

09:00 - 10:00

R1

PL01 - Human-specific genetic modifiers of cortical circuit development and function

PL01.1

Lecture

09:00 - 10:00

Speaker: Franck Polleux, US*Poster Session*

10:00 - 15:30

R8

PS01 - Posters Presentations**1: Neurodevelopment**

10:00 - 10:00

P1.001

EARLY TRANSCRIPTIONAL MODIFICATIONS OF THE DEVELOPING BRAIN IN HUNTINGTON DISEASE

10:00 - 10:00

Poster Presenter: Radhia Kacher, FR

P1.002

INVESTIGATION OF THE PATHOPHYSIOLOGICAL MECHANISMS LEADING TO MICROCEPHALY IN A *RTTN*-MUTATED PATIENT

10:00 - 10:00

Poster Presenter: Justine Guguin, FR

P1.003

HUNTINGTON'S DISEASE AND CORTICAL DEVELOPMENT

10:00 - 10:00

Poster Presenter: Marine Degennaro, FR

P1.004

ROLE OF THE PROTOCADHERIN FAT1 IN CORTICAL DEVELOPMENT AND RELATED DISORDERS

10:00 - 10:00

Poster Presenter: Lea Corbieres, FR

P1.005

***IN UTERO* EXPOSURE TO AIR POLLUTION AFFECTS SOCIAL BEHAVIOR, BRAIN TRANSCRIPTOME AND NEUROINFLAMMATION IN MOUSE**

10:00 - 10:00

Poster Presenter: Dounia Chater, FR

P1.006

BALANCED LARGE-SCALE COUPLING BETWEEN THE DEFAULT MODE NETWORK AND ATTENTIONAL NETWORKS ASSOCIATE WITH CHILD INTELLIGENCE

10:00 - 10:00

Poster Presenter: Diego Lombardo, DE

P1.007

STRESS IN CRITICAL PERIOD OF EARLY LIFE INFLUENCES GLUTAMATE EXCITATORY NEUROTRANSMISSION

10:00 - 10:00

Poster Presenter: Alessandra Gaetano, IT

P1.008

PROPRIOCEPTIVE AND TACTILE LOCALIZATION DEFICITS IN CHILDREN WITH DEVELOPMENTAL COORDINATION DISORDER

10:00 - 10:00

Poster Presenter: Marion Naffrechoux, FR

P1.009

A FAST STRATEGY OR A SLOW STRATEGY MAY BE ADOPTED BY INDIVIDUALS TO PERFORM TWO-CHOICE

10:00 - 10:00

	DECISION MAKING TASKS: THE INFLUENCE OF AGE AND EXPERIMENTAL CONTEXT	
	<i>Poster Presenter:</i> Leslie Tricoche, BE	
P1.010	ALTERATIONS OF CORTICAL CIRCUITS IN MICE FOLLOWING PREMATURE BRAIN INJURIES	10:00 - 10:00
	<i>Poster Presenter:</i> Salma Ellouze, FR	
P1.011	FUNCTIONAL CHARACTERIZATION OF <i>DPYSL5</i> GENE VARIANTS INVOLVED IN NEURODEVELOPMENTAL DISORDER WITH BRAIN MALFORMATION.	10:00 - 10:00
	<i>Poster Presenter:</i> Florence Desprez, FR	
P1.012	RIBOSOMAL DEREGULATION IN EML1 MUTANT MICE, A MODEL OF SUBCORTICAL HETEROTOPIA	10:00 - 10:00
	<i>Poster Presenter:</i> Valeria Viola, FR	
P1.013	NORBIN IS REQUIRED FOR THE TRANSITION BETWEEN DIRECT TO INDIRECT NEUROGENESIS IN THE DEVELOPING MOUSE CORTEX.	10:00 - 10:00
	<i>Poster Presenter:</i> Frederic Moret, FR	
P1.014	INFERRING LIGAND-RECEPTOR INTERACTIONS BETWEEN GABAERGIC AND GLUTAMATERGIC CELLS DURING SOMATOSENSORY CORTEX DEVELOPMENT	10:00 - 10:00
	<i>Poster Presenter:</i> Antoine de Chevigny, FR	
P1.015	ABERRANT SURVIVAL OF HIPPOCAMPAL CAJAL-RETZIUS CELLS LEADS TO MEMORY DEFICITS, GAMMA RHYTHMOPATHIES AND SUSCEPTIBILITY TO SEIZURES IN ADULT MICE	10:00 - 10:00
	<i>Poster Presenter:</i> Patrick Azzam, FR	
P1.016	THE TEMPORAL CONNECTIVITY OF MOSSY FIBER AND CA3 PYRAMIDAL NEURONS PARTICIPATING IN MEMORY IS CONTROLLED BY THE PLANAR CELL POLARITY PROTEIN VANGL2	10:00 - 10:00
	<i>Poster Presenter:</i> Maïté Moreau, FR	
P1.017	IMPACT OF EARLY DISRUPTION OF PARVALBUMIN INTERNEURON-OPC INTERACTIONS ON PREFRONTAL-DEPENDENT COGNITIVE PROCESSES	10:00 - 10:00
	<i>Poster Presenter:</i> Fabrice Plaisier, FR	
P1.018	GESTATIONAL VITAMIN A DEFICIENCY: IMPACT ON STRIATAL DOPAMINE TRANSMISSION AND ASSOCIATED-MOTIVATIONAL PROCESSES	10:00 - 10:00
	<i>Poster Presenter:</i> Pauline Couty, FR	
P1.019	OPPOSITE ROLES OF CELL-TYPE SPECIFIC GLYPICANS DURING CORTICAL DEVELOPMENT	10:00 - 10:00
	<i>Poster Presenter:</i> Sara Douceau, FR	
P1.020	RESPIRATORY RESPONSE TO AN ODOR THROUGHOUT DEVELOPMENT IN RATS	10:00 - 10:00
	<i>Poster Presenter:</i> Anne-Marie Mouly, FR	
P1.021	DM1 TRANSGENIC MICE EXHIBIT ABNORMAL NEUROTRANSMITTER HOMEOSTASIS AND SYNAPTIC PLASTICITY IN ASSOCIATION WITH RNA MIS-SPLICING	10:00 - 10:00

	IN THE HIPPOCAMPUS.	
	<i>Poster Presenter:</i> Brigitte Potier, FR	
P1.022	DEVELOPMENTAL CELL DEATH OF LINEAGE-RELATED INTERNEURONS AND OLIGODENDROGLIA IMPACTS PREFRONTAL CORTEX FUNCTION	10:00 - 10:00
	<i>Poster Presenter:</i> Hasni Khelfaoui, FR	
P1.023	APPLICATION OF A RIGOROUS METHODOLOGY TO IDENTIFY WHITE MATTER TRACTS IN CHILDREN WITH CEREBRAL PALSY	10:00 - 10:00
	<i>Poster Presenter:</i> Ophelie Martinie, CA	
P1.024	A BDNF/LKB1/NUAK1 SIGNALING PATHWAY REGULATES THE DEVELOPMENT AND FUNCTION OF CORTICAL CIRCUITS IN THE MOUSE.	10:00 - 10:00
	<i>Poster Presenter:</i> Géraldine Meyer-Dilhet, FR	
P1.025	FUNCTIONAL CONSEQUENCES OF IDH1 AND CIC MUTATIONS ON OLIGODENDROGLIOMA CELLS OF ORIGIN	10:00 - 10:00
	<i>Poster Presenter:</i> Nina Pottier, FR	
P1.026	EXPOSURE TO LOW-DOSES OF NANOPLASTICS INDUCES ALTERATION OF BEHAVIOR AND BRAIN PROTEIN EXPRESSION IN MICE	10:00 - 10:00
	<i>Poster Presenter:</i> Anaïs Vignon, FR	
	2: Neuro-excitability, synapse and glia	10:00 - 10:00
P1.031	THE RIBOSOMAL-ASSOCIATED PROTEIN RACK1 REPRESSES KIR4.1 TRANSLATION IN ASTROCYTES AND INFLUENCES NEURONAL ACTIVITY	10:00 - 10:00
	<i>Poster Presenter:</i> Marc Oudart, FR	
P1.032	OLIGOMERIC-AB MEDIATES REPLICATION AND MATURATION OF TAU PATHOLOGY IN PRIMATES, BUT NOT ITS INITIAL SPREADING	10:00 - 10:00
	<i>Poster Presenter:</i> Morgane Darricau, FR	
P1.033	A ROLE FOR ASTROCYTES IN THE VISUAL CORTEX CRITICAL PERIOD	10:00 - 10:00
	<i>Poster Presenter:</i> Rachel Breton, FR	
P1.034	PRESYNAPTIC PLASTICITY IN A MEMORY CIRCUIT: PHYSIOLOGICAL AND PATHOPHYSIOLOGICAL ROLE OF THE AMYLOID PRECURSOR PROTEIN (APP)	10:00 - 10:00
	<i>Poster Presenter:</i> Ana Moreira-de-Sá, FR	
P1.035	CHANGES IN CORTICAL EXCITATORY AND INHIBITORY SYNAPTIC TRANSMISSION IN A CUPRIZONE-INDUCED DEMYELINATION MOUSE MODEL	10:00 - 10:00
	<i>Poster Presenter:</i> Eduardo Javier Fernandez-Perez, FR	
P1.036	PHOTOSWITCHABLE ALLOSTERIC MODULATORS ENABLE A PRECISE TEMPORAL CONTROL OF MGLU5 RECEPTOR ACTIVITY	10:00 - 10:00
	<i>Poster Presenter:</i> Iona Truong, FR	
P1.037	IPSC-DERIVED HUMAN MICROGLIA-LIKE CELLS IN	10:00 - 10:00

	NEURAL COCULTURE TO STUDY MICROGLIA HETEROGENEITY IN ALZHEIMER'S DISEASE	
	<i>Poster Presenter:</i> Coralie Clua Provost, FR	
P1.038	CYTOSKELETON ABNORMALITIES TRIGGERED BY TOXIC CUG RNA REPEATS IN DM1 ASTROCYTES	10:00 - 10:00
	<i>Poster Presenter:</i> Paul Magneron, FR	
P1.039	PHYSIOLOGICAL SYNAPTIC ACTIVITY AND RECOGNITION MEMORY REQUIRE ASTROGLIAL GLUTAMINE	10:00 - 10:00
	<i>Poster Presenter:</i> Daria Mozheiko, FR	
P1.040	AUTOCRINE AND PARACRINE ACTION OF SOMATOSTATIN RELEASED BY O-LM INTERNEURONS ON THE CA1 FEEDBACK CIRCUIT	10:00 - 10:00
	<i>Poster Presenter:</i> Maria Laura Musella, FR	
P1.041	MEDIAL PREFRONTAL AND POSTERIOR PARIETAL CORTICES ARE DIFFERENTIALLY MODULATED BY HIPPOCAMPAL SHARP WAVE-RIPPLES DURING THE ACQUISITION OF A SEMANTIC-LIKE RULE.	10:00 - 10:00
	<i>Poster Presenter:</i> Frédéric Lanore, FR	
P1.042	STEPWISE MOLECULAR SPECIFICATION OF EXCITATORY SYNAPSE DIVERSITY ON A TARGET NEURON	10:00 - 10:00
	<i>Poster Presenter:</i> Séverine M. Sigoillot*, FR	
P1.043	DEFECTS IN MOUSE CORTICAL GLUTAMATE UPTAKE CAN BE UNVEILED IN VIVO BY A TWO-IN-ONE QUANTITATIVE MICRODIALYSIS	10:00 - 10:00
	<i>Poster Presenter:</i> Sandrine Parrot, FR	
P1.044	CHARACTERIZATION OF APP^{NL-F} MICE, A RELEVANT MODEL TO STUDY ALZHEIMER'S DISEASE EARLY STAGES	10:00 - 10:00
	<i>Poster Presenter:</i> Matthieu Prieur, FR	
P1.045	ISOFORM-SPECIFIC REGULATION OF KCC2 MEMBRANE EXPRESSION AND FUNCTION IN HIPPOCAMPAL NEURONS.	10:00 - 10:00
	<i>Poster Presenter:</i> Carla Pagan, FR	
P1.046	DO STRIATAL CHOLINERGIC INTERNEURONS EXHIBIT MOLECULAR AND FUNCTIONAL DIVERSITY?	10:00 - 10:00
	<i>Poster Presenter:</i> Marie Bourzeix, FR	
P1.047	UNCOVERING THE EFFECT OF THE APOE4 RISK FACTOR ON CELL-TYPE SPECIFIC EPIGENOMIC SIGNATURES IN DEMENTIA WITH LEWY BODIES (DLB)	10:00 - 10:00
	<i>Poster Presenter:</i> Iris Grgurina, FR	
P1.048	PHAGOCYTOSIS AND SYNAPTIC PRUNING ARE ENHANCED IN MECHANICALLY ACTIVATED MICROGLIAL CELLS	10:00 - 10:00
	<i>Poster Presenter:</i> Anthony Procès, BE	
P1.049	HOW THE LACK OF FMRP IMPACTS THE PRESYNAPTIC MECHANISMS AT THE DG-CA3 SYNAPSES IN THE HIPPOCAMPUS?	10:00 - 10:00
	<i>Poster Presenter:</i> Simon Lecomte, FR	

P1.050	PROTECTIVE ROLE OF MICROGLIA AND T LYMPHOCYTES IN A MOUSE MODEL OF TEMPORAL LOBE EPILEPSY <i>Poster Presenter:</i> Maria Paula Moreno-Montano, FR	10:00 - 10:00
P1.051	ACTIVATION MECHANISMS OF THE ORPHAN RECEPTOR GPR158 <i>Poster Presenter:</i> Thibaut Laboute, FR	10:00 - 10:00
	3: Neurological and psychiatric diseases, experimental therapeutics	10:00 - 10:00
P1.056	SEX-DEPENDENT BEHAVIORAL DEFICITS AND NEUROPATHOLOGY IN GENETIC AND ENVIRONMENTAL MOUSE MODELS OF AUTISM SPECTRUM DISORDER <i>Poster Presenter:</i> Mohamed Jaber, FR	10:00 - 10:00
P1.057	EXPLORING STRIATUM EXTRACELLULAR SPACE IN HEALTH AND DISEASE <i>Poster Presenter:</i> Juan Estaún-Panzano, FR	10:00 - 10:00
P1.058	SINGLE-CELLS AND SINGLE-NUCLEI TRANSCRIPTOMIC ANALYSES OF THE HYPOTHALAMUS IN LPS-INDUCED NEUROINFLAMMATORY CONDITION <i>Poster Presenter:</i> Silvia Melzi, FR	10:00 - 10:00
P1.059	ALTERED PERCEPTUAL DECISION-MAKING AND NEOCORTICAL ACTIVITY IN THE FMR1^{-X} MOUSE MODEL OF AUTISM USING A TRANSLATIONAL TASK <i>Poster Presenter:</i> Ourania Semelidou, FR	10:00 - 10:00
P1.060	SEX-DEPENDENT ALTERATIONS OF SYNAPTIC PLASTICITY IN THE INSULAR-ACCUMBENS PATHWAY INDUCED BY STRESS <i>Poster Presenter:</i> Manon Gauthier, FR	10:00 - 10:00
P1.061	ROLE OF THE MENINGEAL LYMPHATIC VASCULATURE IN A MOUSE MODEL OF DURAL VENOUS SINUS STENOSES <i>Poster Presenter:</i> Marie-Renee El Kamouh, FR	10:00 - 10:00
P1.062	CAPTURING AND PROFILING COCAINE-RECRUITED ARC NEURONAL ENSEMBLES ENCODING DRUG-CONTEXT ASSOCIATIONS IN THE NUCLEUS ACCUMBENS. <i>Poster Presenter:</i> Marine Salery, US	10:00 - 10:00
P1.063	SEXUAL DIMORPHISM OF THE INSULAR CORTEX IN PERSISTENT ALCOHOL DRINKING DESPITE AVERSION IN MICE <i>Poster Presenter:</i> Claudia Fornari, FR	10:00 - 10:00
P1.064	EVIDENCE FOR A ROLE OF THE LOCAL MPFC MOLECULAR CLOCK IN THE DEVELOPMENT AND TREATMENT OF DEPRESSION <i>Poster Presenter:</i> Wilf Gardner, FR	10:00 - 10:00
P1.065	LONG TERM IMPAIRMENT OF COGNITIVE FUNCTION AND NEURAL NETWORK ACTIVITY ASSOCIATED WITH STRUCTURAL CHANGES IN MYELIN AFTER A TRANSIENT EPISODE OF DEMYELINATION IN ADULT MOUSE <i>Poster Presenter:</i> Océane Mercier, FR	10:00 - 10:00

P1.066	ALTERATION OF ASTROCYTE LOCAL TRANSLATION: A PATHOGENIC MECHANISM IN ALZHEIMER'S DISEASE <i>Poster Presenter:</i> Katia Avila, FR	10:00 - 10:00
P1.067	BENEFICIAL EFFECTS OF LIVER X RECEPTOR (LXR) ACTIVATION IN HUNTINGTON'S DISEASE <i>Poster Presenter:</i> Coline Mounier, FR	10:00 - 10:00
P1.068	FUNCTIONAL CONNECTIVITY REORGANIZATION OF THE REWARD SYSTEM FOLLOWING ORO-SENSORY DETECTION OF FAT TASTE ENHANCERS NKS-3 AND NKS-5 IN NAÏVE MICE: UNDERSTANDING A NOVEL THERAPEUTIC APPROACH FOR BODY WEIGHT REDUCTION <i>Poster Presenter:</i> Lidia Cabeza, FR	10:00 - 10:00
P1.069	PROTEOMIC ANALYSIS OF CORTEX-DERIVED EXTRACELLULAR VESICLES IN THE CONTEXT OF TAUOPATHIES <i>Poster Presenter:</i> Jeanne Espourteille, CH	10:00 - 10:00
P1.070	PHENOTYPIC CHARACTERIZATION OF AN ATP13A2 KNOCKOUT RAT MODEL OF PARKINSON'S DISEASE <i>Poster Presenter:</i> Rémi Kinet, FR	10:00 - 10:00
P1.071	ALTERATIONS IN EXPRESSION OF GLUCOCORTICOID-RECEPTOR SIGNALING PATHWAY CODING GENES IN SCHIZOPHRENIA <i>Poster Presenter:</i> Ondine Adam, FR	10:00 - 10:00
P1.072	ELEVATED MAO-A ACTIVITY IN MICE: ROLE IN SEROTONERGIC NEUROTRANSMISSION AND EMOTIONALITY RESPONSE <i>Poster Presenter:</i> Rodolphe Lebeau, FR	10:00 - 10:00
P1.073	INTRANASAL (R, S)-KETAMINE DELIVERY INDUCES SUSTAINED ANTIDEPRESSANT EFFECTS ASSOCIATED WITH CHANGES IN CORTICAL BALANCE OF EXCITATORY/INHIBITORY SYNAPTIC ACTIVITY <i>Poster Presenter:</i> Thi Mai Loan Nguyen, FR	10:00 - 10:00
P1.074	IMPLICATION OF POLYUNSATURATED FATTY ACID (PUFA) BIO STATUS IN REWARD-PROCESSING DEFICITS AND ALTERED DOPAMINE TRANSMISSION IN THE PFC. <i>Poster Presenter:</i> Lola Hardt, FR	10:00 - 10:00
P1.075	IMPACT OF PARKIN MUTATIONS ON DOPAMINERGIC NEURONS DERIVED FROM HUMAN IPSCS BOTH <i>IN VITRO</i> AND AFTER TRANSPLANTATION IN A MOUSE MODEL OF PARKINSON'S DISEASE <i>Poster Presenter:</i> Sébastien Brot, FR	10:00 - 10:00
P1.076	FUNCTIONAL INTEGRATION OF GRAFTED HIPSC-DERIVED DOPAMINE NEURONS IN A MOUSE MODEL OF PARKINSON'S DISEASE <i>Poster Presenter:</i> Bérengère Ballion, FR	10:00 - 10:00
P1.077	<u>MITOCHONDRIAL HITCHHIKING OF MRNAS SUSTAINS LOCAL MITOCHONDRIAL PROTEOSTASIS IN AXONS.</u> <i>Poster Presenter:</i> Angelika Harbauer, DE	10:00 - 10:00

P1.078	NCS1 OVEREXPRESSION RESTORED MITOCHONDRIAL ACTIVITY AND BEHAVIORAL ALTERATIONS IN A ZEBRAFISH MODEL OF WOLFRAM SYNDROME <i>Poster Presenter: Benjamin Delprat, FR</i>	10:00 - 10:00
P1.079	THE SEROTONIN LESION INDUCED BY MDMA (ECSTASY) IN NON-HUMAN PRIMATE PRODUCES AN ACUTE ANXIETY DISORDER AND A DISTURBANCE OF FLUOXETINE THERAPEUTIC EFFECTS <i>Poster Presenter: Justine Debatisse, FR</i>	10:00 - 10:00
P1.080	IDENTIFICATION OF NEW INHIBITORS OF DOPAMINE-GLUTAMATE RECEPTOR HETEROMERIZATION TO ALLEVIATE ADDICTIVE- AND DEPRESSIVE-LIKE SYMPTOMS <i>Poster Presenter: Adèle Vilette, FR</i>	10:00 - 10:00
P1.081	INVESTIGATING THE THERAPEUTIC APPLICATIONS OF BLUE LIGHT STIMULATION FOR THE TREATMENT OF EPILEPTIFORM DISORDERS <i>Poster Presenter: Anistasha Lightning, FR</i>	10:00 - 10:00
P1.082	THE ROLE OF MENTALIZATION, ATTACHMENT, SOCIAL SUPPORT, AND PSYCHOLOGICAL RESILIENCE IN DEPRESSION IN THE CONTEXT OF AUTISTIC TRAITS <i>Poster Presenter: Kinga Farkas, HU</i>	10:00 - 10:00
P1.083	SUBTHALAMIC DEEP BRAIN STIMULATION IN PARKINSON'S DISEASE: MAPPING NON-MOTOR OUTCOMES TO STRUCTURAL CONNECTIONS <i>Poster Presenter: Garance Meyer, FR</i>	10:00 - 10:00
P1.085	THERAPEUTIC EFFECTS OF <i>CARISSA EDULIS</i> AQUEOUS EXTRACT ON L-GLUTAMIC ACID-INDUCED NEURODEGENERATION VIA THE REGULATION OF OXIDATIVE STRESS AND NEUROINFLAMMATION <i>Poster Presenter: Sabine Adeline Fanta Yadang, CM</i>	10:00 - 10:00
P1.084	SYNAPTIC AND TRANSCRIPTOMIC FEATURES OF AMYGDALA-PREFRONTAL CORTEX PYRAMIDAL NEURONS PREDICT INEFFICIENT FEAR EXTINCTION AND OPTOGENETIC STIMULATIONS ON INFRALIMBIC PYRAMIDAL NEURONS RESCUE IMPAIRED EXTINCTION <i>Poster Presenter: Daniela Daniela, IT</i>	10:00 - 10:00
P1.086	H-TST AND H-FST, TWO NOVEL GENETIC MODELS OF MAJOR DEPRESSIVE DISORDER DISPLAYING HETEROGENEOUS PHENOTYPES AND SENSITIVITY TO TREATMENTS <i>Poster Presenter: Malika El Yacoubi, FR</i>	10:00 - 10:00
P1.087	TRANSIENT STAY IN AN ENRICHED ENVIRONMENT AMELIORATES COGNITIVE IMPROVEMENTS OF A MOUSE MODEL OF ALZHEIMER'S DISEASE THROUGH PARVALBUMIN CELL REMODELING <i>Poster Presenter: Laure Verret, FR</i>	10:00 - 10:00
P1.088	DEVELOPMENT OF A NON INVASIVE RADIOTHERAPY FOR EPILEPSY USING SYNCHROTRON-GENERATED X-RAY MICROBEAMS	10:00 - 10:00

	<i>Poster Presenter:</i> Loan Samalens, FR	
P1.089	DAILY INTERMITTENT FASTING ATTENUATES ABSENCE EPILEPSY IN MICE.	10:00 - 10:00
	<i>Poster Presenter:</i> Coline Rulhe, FR	
P1.090	ENVIRONMENTAL ENRICHMENT AS THERAPEUTIC APPROACH TO TARGET EPIGENETIC DYSREGULATION IN HUNTINGTON'S DISEASE?	10:00 - 10:00
	<i>Poster Presenter:</i> Baptiste Brulé, FR	
P1.091	HEPARAN SULFATE 3-O-SULFATION AND TGFB1 INVOLVEMENT IN ALZHEIMER'S DISEASE RELATED TAU AGGREGATION	10:00 - 10:00
	<i>Poster Presenter:</i> Rafael Castillo Negrete, FR	
P1.092	RESTORING ENERGY SOURCES IN HUNTINGTON'S DISEASE TO RESCUE AXONAL TRANSPORT AND SLOW DOWN NEURODEGENERATION	10:00 - 10:00
	<i>Poster Presenter:</i> Marta Prieto, FR	
P1.093	METABOLISM AS AN ORIGIN OF SEXUAL DIMORPHISM IN MORPHINE-INDUCED ANALGESIA BUT NOT IN THE SETTING OF ANALGESIC TOLERANCE IN MICE	10:00 - 10:00
	<i>Poster Presenter:</i> Yannick Goumon, FR	
P1.094	SPECIFIC BDNF EXPRESSION IN BRAIN REGIONS OF ANOREXIA NERVOSA MOUSE MODEL, A BIOMARKER TOOL OF DIAGNOSTIC?	10:00 - 10:00
	<i>Poster Presenter:</i> Nicolas Ramoz, FR	
	4: Integrative, sensory and motor neuroscience	10:00 - 10:00
P1.100	MAPPING THE ORGANIZATION OF SENSORY PROJECTIONS FROM BARREL CORTEX TO SPINY PROJECTION NEURONS IN THE DORSAL STRIATUM	10:00 - 10:00
	<i>Poster Presenter:</i> Kenza Amroune, FR	
P1.101	CONTEMPLATING V6 AS THE CORTICAL CORNERSTONE FOR THE PERCEPTION OF FORWARD AND CONGRUENT MULTIMODAL CUES OF SELF-MOTION	10:00 - 10:00
	<i>Poster Presenter:</i> Sarah Marchand, FR	
P1.102	ENDOCANNABINOID-MEDIATED PLASTICITY OF CORTICO-STRIATAL SYNAPSES MEDIATES FAST LEARNING	10:00 - 10:00
	<i>Poster Presenter:</i> Charlotte Piette, FR	
P1.103	SENSORY INTEGRATION OF DIFFERENT STIMULUS PARAMETERS FROM THE LATERAL LINE TO THE MEDIAL OCTAVOLATERALIS NUCLEI IN THE ZEBRAFISH HINDBRAIN	10:00 - 10:00
	<i>Poster Presenter:</i> Elias Taylor Lunsford, FR	
P1.104	OPTICAL CONTROL OF PIEZO1 CHANNELS	10:00 - 10:00
	<i>Poster Presenter:</i> Melaine Balcon, FR	
P1.105	NEURAL CORRELATES OF SLEEP-RELATED MOTOR MEMORY CONSOLIDATION: A MULTIMODAL STUDY INVESTIGATING PHASE-DEPENDENT SLEEP OSCILLATION MODULATION	10:00 - 10:00

	<i>Poster Presenter:</i> Judith Nicolas, BE	
P1.106	ROLE OF THE HYPOTHALAMUS IN ODOR PROCESSING <i>Poster Presenter:</i> Maya Faour, FR	10:00 - 10:00
P1.107	PRIMARY SOMATOSENSORY NEURONS DYSFUNCTION IN A MOUSE MODEL OF AUTISM. <i>Poster Presenter:</i> Damien Huzard, FR	10:00 - 10:00
P1.108	MOTOR LEARNING TRANSFER ACROSS SPACE AND TIME <i>Poster Presenter:</i> Dmitrii Todorov, FR	10:00 - 10:00
P1.109	UNCONVENTIONAL SECRETION OF MISFOLDED SOD1 AND TOXICITY SPREADING: A NOVEL THERAPEUTIC STRATEGY FOR ALS. <i>Poster Presenter:</i> Philippe Gosset, FR	10:00 - 10:00
P1.110	ZEBRA FISH: RAPID HELP IN INTERPRETING RARE VARIANTS IN ALS <i>Poster Presenter:</i> Arthur Forget, FR	10:00 - 10:00
P1.111	COMPARISON OF SHORT-TERM PLASTICITIES EXPRESSED BY SPINAL INHIBITORY INTERNEURONS IN LAMINA II OF MALE AND FEMALE MICE IN CONTROL AND INFLAMMATORY CONDITIONS <i>Poster Presenter:</i> Robin Kuster, FR	10:00 - 10:00
P1.112	SEX-SPECIFIC REGULATION OF INFLAMMATORY MEDIATORS IN PERIPHERAL NERVE INJURY-INDUCED NEUROPATHIC PAIN: FROM MECHANICAL ALLODYNIA TO SPONTANEOUS RECOVERY <i>Poster Presenter:</i> Marion Gaborit, FR	10:00 - 10:00
P1.113	THE ELECTROPHYSIOLOGICAL UNDERPINNINGS OF TACTILE IMPROVEMENT TRANSFERRING FROM ONE HAND TO ANOTHER <i>Poster Presenter:</i> Malika Azaroual-Sentucq, FR	10:00 - 10:00
P1.114	VOLUNTARY CONTROL OF CORTICAL MESOSCALE DYNAMICS <i>Poster Presenter:</i> Anton Dogadov, FR	10:00 - 10:00
P1.115	IDENTIFICATION OF DYSREGULATED MOLECULAR PATHWAYS IN FRATAXIN DEFICIENT PROPRIOCEPTIVE SENSORY NEURONS <i>Poster Presenter:</i> Deepika Mokkachamy Chellapandi, FR	10:00 - 10:00
P1.116	FEEDING STATE-DEPENDENT MODULATION OF NEURONAL CIRCUIT ACTIVITY AND BEHAVIOR BY NEUROPEPTIDERGIC SIGNALING <i>Poster Presenter:</i> Dylan Manceau, FR	10:00 - 10:00
P1.117	T-TYPE CALCIUM CURRENTS IN PKC-GAMMA NEURONS GATING CHRONIC PAIN IN THE DORSAL SPINAL CORD <i>Poster Presenter:</i> Célia Cuculiere, FR	10:00 - 10:00
P1.118	A MULTISENSORY PROFILE PROTOCOL APPLIED TO VESTIBULAR DISORDERS: SPATIAL AND POSTURAL VIRTUAL REALITY SUBSETS <i>Poster Presenter:</i> Angela Julienne, FR	10:00 - 10:00

P1.119	WIDE-FIELD CALCIUM IMAGING OF NORADRENERGIC CONTRIBUTION TO HIPPOCAMPAL NEURONAL NETWORKS THAT EMERGE DURING THE ACQUISITION AND UPDATING OF SPATIAL INFORMATION <i>Poster Presenter:</i> Ninad Shendye, DE	10:00 - 10:00
P1.120	GRANGER CAUSALITY ANALYSIS FOR CALCIUM TRANSIENTS IN NEURONAL NETWORKS, CHALLENGES AND IMPROVEMENTS <i>Poster Presenter:</i> Faustine Ginoux, FR	10:00 - 10:00
P1.121	BRAIN SENSORIMOTOR INTEGRATION AFTER FOCAL MUSCLE-TENDON VIBRATIONS IN AMYOTROPHIC LATERAL SCLEROSIS <i>Poster Presenter:</i> Arnaud Preuilh, FR	10:00 - 10:00
P1.122	THE PARABRACHIAL-TO-NUCLEUS ACCUMBENS PATHWAY CONTROLS FOOD INTAKE AND ENERGY BALANCE. <i>Poster Presenter:</i> Giuseppe Gangarossa, FR	10:00 - 10:00
P1.123	MULTIPLE PULVINAR PROJECTION FIELDS IN THE ADULT MACAQUES <i>Poster Presenter:</i> Mathilda Froesel, FR	10:00 - 10:00
P1.124	SACCADES TO EITHER VISUAL OR TACTILE TARGETS CAN BE ADAPTED BUT WITH AN ASYMMETRICAL CROSS-MODAL TRANSFER. <i>Poster Presenter:</i> Ali Batikh, FR	10:00 - 10:00
P1.125	ANTI-FIBROBLAST GROWTH FACTOR-3 ANTIBODIES INDUCE THE OVEREXPRESSION OF PROTEINS INVOLVED IN EXITOTOXICITY, AUTOPHAGY AND CELL DEATH IN NEURONS <i>Poster Presenter:</i> Nadia Boutahar, FR	10:00 - 10:00
P1.126	QUANTITATIVE EEG AS A BIOMARKER OF NEURODEPRESSANT EFFECTS OF INDUSTRIAL SOLVENTS IN LONG-EVANS RATS <i>Poster Presenter:</i> Estefania Bernal, FR	10:00 - 10:00
P1.127	EXPLORATION VS EXPLOITATION: A THALAMOCORTICAL CIRCUIT TO SUPPORT VOLUNTARY ACTIONS <i>Poster Presenter:</i> Margaux Giraudet, FR	10:00 - 10:00
P1.128	CONTRIBUTION OF DIFFERENT POPULATIONS OF V2A RETICULOSPINAL NEURONS TO THE KINEMATICS OF LOCOMOTOR TURNING <i>Poster Presenter:</i> Andrea Giorgi, FR	10:00 - 10:00
	5: Neuroendocrinology and integrative physiology	10:00 - 10:00
P1. 133	STUDY OF MATERNAL MEDIATED MECHANISMS IN THE EPIGENETIC PROGRAMMING INDUCED BY MATERNAL STRESS: TRANSGENERATIONAL TRANSMISSION AND OXYTOCIN. <i>Poster Presenter:</i> Ryma Benlakehal, FR	10:00 - 10:00
P1. 134	DIETARY FATTY ACID COMPOSITION IMPACTS OBESITY DEVELOPMENT, NEUROINFLAMMATION AND	10:00 - 10:00

ASSOCIATED GLIAL REACTIVITY*Poster Presenter:* Clara Sanchez, FR

P1. 135	CHEMOGENETIC ACTIVATION OF A NOVEL NEURONAL POPULATION IN THE LATERAL HYPOTHALAMIC AREA, EXPRESSING 26RFA AND OREXINS, ALTERS THE REGULATION OF GLUCOSE AND ENERGY HOMEOSTASIS	10:00 - 10:00
	<i>Poster Presenter:</i> Mélodie Devère, FR	
P1. 137	ROLE OF MTORC1 SIGNALING IN MICROGLIA DURING DIET-INDUCED OBESITY.	10:00 - 10:00
	<i>Poster Presenter:</i> Camille Allard, FR	
P1. 138	DOPAMINE D2R-NEURONS OF THE PARAVENTRICULAR THALAMUS GOVERN FEEDING, ENERGY BALANCE AND BODY HOMEOSTASIS.	10:00 - 10:00
	<i>Poster Presenter:</i> Benoit Bertrand, FR	
	6: Cognitive, affective and behavioral neuroscience, neuroethology	10:00 - 10:00
P1.142	COGNITIVE COMPONENTS OF CREATIVITY AND THEIR STRUCTURAL BRAIN CORRELATES IN FRONTOTEMPORAL DEMENTIA	10:00 - 10:00
	<i>Poster Presenter:</i> Victor Altmayer, FR	
P1.143	BEHAVIORAL CONSEQUENCES OF LOSS OF SNORD116 AND SNORD115 GENES.	10:00 - 10:00
	<i>Poster Presenter:</i> Julie C. Rivière, FR	
P1.144	DATA-DRIVEN DISCOVERY OF LONG TIMESCALE BEHAVIORAL STRATEGIES DURING SENSORY EVOKED NAVIGATION	10:00 - 10:00
	<i>Poster Presenter:</i> Gautam Sridhar, FR	
P1.145	EFFECT OF TRANSCRANIAL ULTRASOUND STIMULATION OF THE HUMAN ROSTROMEDIAL PREFRONTAL CORTEX ON PRIVATE AND SOCIAL COUNTERFACTUAL REASONING	10:00 - 10:00
	<i>Poster Presenter:</i> Mathilde Lojkiewicz, GB	
P1.146	DOPAMINERGIC MODULATION AND ELECTROPHYSIOLOGICAL SIGNATURE OF INSULA NEURONS DURING ANXIETY-RELATED BEHAVIORS	10:00 - 10:00
	<i>Poster Presenter:</i> Yoni Couderc, FR	
P1.147	SUBCORTICAL CORRELATES OF THE SOCIAL TOLERANCE SCALE IN THE MACACA GENUS	10:00 - 10:00
	<i>Poster Presenter:</i> Sarah Silvére, FR	
P1.148	TARGETING THE N/OFQ NEUROPEPTIDE RECEPTOR TO PROTECT ADULT NEUROGENESIS IN A MOUSE MODEL OF CHRONIC STRESS	10:00 - 10:00
	<i>Poster Presenter:</i> Cathaline Robert, FR	
P1.149	PREFRONTAL CORTEX ACTIVITY TRACKS NEWLY IDENTIFIED PANIC- AND ANXIETY-LIKE STATES VIA INTEROCEPTIVE TUNING	10:00 - 10:00
	<i>Poster Presenter:</i> Sophie Bagur, FR	
P1.150	A DEFINED COMMUNITY OF CORE GUT BACTERIA	10:00 - 10:00

	PROMOTES COGNITIVE DEVELOPMENT IN HONEY BEES	
	<i>Poster Presenter:</i> Amélie Cabirol, CH	
P1.151	DOPAMINOCEPTIVE NEURONS IN VENTRAL HIPPOCAMPUS ARBITRATE APPROACH AND AVOIDANCE IN ANXIETY	10:00 - 10:00
	<i>Poster Presenter:</i> Arthur Godino, US	
P1.152	ADULTS LEARN TO IDENTIFY PAIN IN BABIES CRIES: INVESTIGATIONS FROM BEHAVIOR TO BRAIN RESPONSES	10:00 - 10:00
	<i>Poster Presenter:</i> Siloé Corvin, FR	
P1.153	CONTRASTING FRONTAL CORTICAL RESPONSES TO FOOD VERSUS MONEY REWARDS ACROSS BMI GROUPS	10:00 - 10:00
	<i>Poster Presenter:</i> Rachel Ginieis, FR	
P1.154	RESTRUCTURING PROBLEM-RELATED SEMANTIC ASSOCIATIONS PROMOTES SOLVING SUCCESS AND ANALOGICAL TRANSFER	10:00 - 10:00
	<i>Poster Presenter:</i> Théophile Bieth, FR	
P1.155	NEUROIMAGING EVIDENCE OF THEFUNCTIONAL INTERPLAY WITHIN THE FRONTO-AMYGDALA NETWORK DURING BEHAVIOURAL ADAPTATION IN HUMAN	10:00 - 10:00
	<i>Poster Presenter:</i> Camille Giacometti, FR	
P1.157	FUNCTIONAL BRAIN CONNECTIVITY COMPARISON OF EXPERT AND NOVICE MEDITATORS, FOLLOWING EXPOSURE TO NEGATIVE SOCIO-EMOTIONAL EVENTS	10:00 - 10:00
	<i>Poster Presenter:</i> Hamed Mohammadi, FR	
P1.158	IMPLICATION OF MEDIAL PREFRONTAL CORTEX AND NUCLEUS ACCUMBENS DOPAMINE TRANSMISSION IN GOAL-DIRECTED BEHAVIOR: A ROLE FOR DOPAMINE AND NMDA RECEPTOR HETEROMERS ?	10:00 - 10:00
	<i>Poster Presenter:</i> Anna Petitbon, FR	
P1.159	HOW NEGATIVE EMOTIONS INFLUENCE COGNITION : AN EEG STUDY IN ARITHMETIC	10:00 - 10:00
	<i>Poster Presenter:</i> Paola Melani, FR	
P1.160	NEURONAL DYNAMIC AT THE ORIGINS OF DIFFERENT LEARNING STRATEGIES IN THE SPATIAL WORKING MEMORY	10:00 - 10:00
	<i>Poster Presenter:</i> Maxime Villet, FR	
P1.161	TRAINING SPATIAL HEARING SKILLS IN COCHLEAR IMPLANT USERS: A MULTISENSORY AND ACTIVE LISTENING APPROACH	10:00 - 10:00
	<i>Poster Presenter:</i> Francesco Pavani, IT	
P1.162	DISSOCIATION OF INTEGRATED BRAIN-BODY STATES OF FEAR USING PSYCHIATRIC DRUGS AND RIPPLES INHIBITION	10:00 - 10:00
	<i>Poster Presenter:</i> Baptiste Mahéo, FR	
P1.163	DORSAL-VENTRAL HIPPOCAMPAL COORDINATION DURING SLEEP AND ENCODING OF EMOTIONAL SPATIAL MEMORIES	10:00 - 10:00

	<i>Poster Presenter:</i> Juan Facundo Morici, FR	
P1.164	STEREOTYPES AND CONFORMISM: THE ROLE OF SOCIAL COGNITION IN THE PERSISTENCE OF CHRONIC SPINAL PAIN <i>Poster Presenter:</i> Yvan Sonjon, FR	10:00 - 10:00
P1.165	ANTERIOR INSULAR LESION DISRUPTS BEHAVIORAL ADAPTATION TO NEGATIVE OUTCOMES <i>Poster Presenter:</i> Charles Verstraete, FR	10:00 - 10:00
P1.166	THE PREFRONTAL OPERCULUM: A CRITICAL HUB FOR SPEECH? <i>Poster Presenter:</i> Charles Verstraete, FR	10:00 - 10:00
P1.167	LINKING EMOTIONAL VALENCE AND ANXIETY IN A MOUSE INSULA-AMYGDALA CIRCUIT <i>Poster Presenter:</i> Céline Nicolas, FR	10:00 - 10:00
P1.168	BOOSTING PITCH PERCEPTION IN CONGENITAL AMUSIA: A BEHAVIORAL AND MEG STUDY <i>Poster Presenter:</i> Caliani Hoarau, FR	10:00 - 10:00
P1.169	SOCIAL EMOTIONAL PROFILES IN TWO STRAINS OF TRANSGENIC MICE EXPRESSING NICOTINIC RECEPTOR MUTATIONS INVOLVED IN ALCOHOL ABUSE: ROLE OF THE BLA-VCA1 PATHWAY <i>Poster Presenter:</i> Cécile Pagèze, FR	10:00 - 10:00
P1.170	ASSESSING THE ALLOCATION OF ATTENTION DURING VISUAL SEARCH USING DIGIT-TRACKING, A CALIBRATION-FREE ALTERNATIVE TO EYE TRACKING <i>Poster Presenter:</i> Yidong Yang, FR	10:00 - 10:00
P1.171	OBESOGENIC DIET INDUCES MEMORY DEFICITS THROUGH CB1 RECEPTORS ON HIPPOCAMPAL GLUTAMATERGIC NEURONS IN MALES BUT PREFRONTAL GABAERGIC NEURONS IN FEMALES. <i>Poster Presenter:</i> Matéo N'diaye, FR	10:00 - 10:00
P1.172	A NEW MOUSE MODEL TO INVESTIGATE THE ROLE OF THE TRANSCRIPTIONAL COREPRESSOR SIN3A IN HIPPOCAMPUS-DEPENDENT MEMORIES <i>Poster Presenter:</i> Célia Bak, FR	10:00 - 10:00
P1.173	NEUROBIOLOGICAL MARKERS OF SOCIAL VARIABILITY IN CONGENIC MICE : EMERGENCE OF INDIVIDUAL PERSONALITY TRAITS <i>Poster Presenter:</i> Nastasia Mirofle, FR	10:00 - 10:00
P1.174	A VOCALIZATION-PROCESSING NETWORK IN MARMOSETS <i>Poster Presenter:</i> Azadeh Jafari, CA	10:00 - 10:00
P1.175	A MULTIVARIATE ANALYSIS OF SOCIAL, EMOTIONAL AND FLEXIBLE BEHAVIORS IN A MOUSE MODEL OF DUCHENNE MUSCULAR DYSTROPHY <i>Poster Presenter:</i> Léa Ceschi, FR	10:00 - 10:00
P1.176	UNRAVELLING THE EFFECTS OF PSILOCYBIN IN MICE WITH A WHOLE-BRAIN APPROACH	10:00 - 10:00

	<i>Poster Presenter:</i> Daniela Domingues, FR	
P1.177	DYNAMIC CHANGES IN LOCAL FIELD POTENTIAL SYNCHRONISATION AMONG A NETWORK OF CEREBRAL STRUCTURES IMPLICATED IN THE STRESS RESPONSE IN RATS	10:00 - 10:00
	<i>Poster Presenter:</i> Laura Durieux, FR	
P1.178	WHAT IS A BURST? TRANSIENT BETA BAND PHENOMENA IN SINGLE-TRIAL FRONTAL OSCILLATORY DYNAMICS HAVE DIFFERENT PROPERTIES DEPENDING ON THE BURST DETECTION METHOD USED	10:00 - 10:00
	<i>Poster Presenter:</i> Charles Wilson, FR	
P1.179	LEARNING DANGER FROM OTHERS' EXPERIENCES: CONTRIBUTION OF THE DORSO-VENTRAL HIPPOCAMPAL NETWORK	10:00 - 10:00
	<i>Poster Presenter:</i> Frédéric Michon, NL	
P1.180	LOCAL EXPANSION OF THE GRID CELL MAP DURING A GOAL DIRECTED NAVIGATION TASK	10:00 - 10:00
	<i>Poster Presenter:</i> Fabrizio Capitano, FR	
P1.182	A THALAMOCORTICAL CIRCUIT FOR DECIDING IN UNCERTAIN ENVIRONMENTS	10:00 - 10:00
	<i>Poster Presenter:</i> Sarah Morceau, FR	
P1.183	NETWORK MODULATION BY CHEMOGENETIC PATHWAY-SPECIFIC IN MACAQUE MONKEYS	10:00 - 10:00
	<i>Poster Presenter:</i> Clémence Gandraux, FR	
P1.184	SELF-RELEVANCE ENHANCES DISCRIMINATION OF DISTANCE FOR AUDITORY SOURCES IN THE EXTRAPERSONAL SPACE	10:00 - 10:00
	<i>Poster Presenter:</i> Robin Duclermortier, FR	
P1.185	TRACKING BEHAVIOR IN NATURALISTIC SITUATIONS USING ARTIFICIAL INTELLIGENCE	10:00 - 10:00
	<i>Poster Presenter:</i> Bruno Michelot, FR	
P1.186	EFFECT OF NEONATAL MATERNAL SEPARATION ON HIPPOCAMPUS: BEHAVIORAL AND MOLECULAR ASPECTS	10:00 - 10:00
	<i>Poster Presenter:</i> Hannah Illouz, FR	
P1.187	SEROTONIN 5-HT₆ RECEPTOR-OPERATED MTOR SIGNALING AS A THERAPEUTIC TARGET FOR PREVENTING THE ONSET OF COGNITIVE DEFICITS IN PRECLINICAL MODELS OF SCHIZOPHRENIA	10:00 - 10:00
	<i>Poster Presenter:</i> Angelina Rogliardo, FR	
P1.188	LIMITATION OF THE USE OF AAVS : CRE-RECOMBINASE INDUCED TIME-DEPENDANT INFLAMMATION RESPONSE AND NEURODEGENERATION IN THE MIDLINE THALAMUS.	10:00 - 10:00
	<i>Poster Presenter:</i> Laurine Boch, FR	
P1.189	A NOVEL THALAMIC ROLE FOR THE LEARNING OF A RELATIVE AVERSIVE VALUE IN MICE	10:00 - 10:00
	<i>Poster Presenter:</i> Magdalena Miranda, FR	
P1.190	RETROSPLENIAL CORTEX ACTIVITY REPRESENTS BOTH	10:00 - 10:00

LOCAL AND GLOBAL SPACE*Poster Presenter:* Célia Laurent, FR

P1.191	OLFACTORY TRAINING IN THE ELDERLY: IMPACT ON OLFACTORY PERCEPTION, COGNITION AND WELL-BEING	10:00 - 10:00
	<i>Poster Presenter:</i> Erwan Moussy, FR	
P1.192	RETRIEVING FEAR MEMORIES THROUGH THE BASAL AMYGDALA-ACCUMBENS PATHWAY	10:00 - 10:00
	<i>Poster Presenter:</i> Christina Anna Vallianatou, FR	
P1.156	BRAIN CONNECTIVITY-BASED PREDICTION OF COMBINING REMOTE SEMANTIC ASSOCIATES FOR CREATIVE THINKING	10:00 - 10:00
	<i>Poster Presenter:</i> Marcela Ovando Tellez, FR	
	7: Theoretical and computational neuroscience	10:00 - 10:00
P1.209	OREXIN-DEPENDENT SLEEP IMPAIRMENT IN AMYOTROPHIC LATERAL SCLEROSIS IN MOUSE MODELS AND PATIENTS	10:00 - 10:00
	<i>Poster Presenter:</i> Simon J. Guillot, FR	
P1.200	MODELLING SPATIO-TEMPORAL DYNAMICS OF INTERICTAL SPIKES	10:00 - 10:00
	<i>Poster Presenter:</i> Jean-Didier Lemaréchal, FR	
P1.201	GIVING UP OR GIVING IN? CORTICAL AND STRIATAL CIRCUITS UNDERPINNING PERSISTENCE DURING GOAL PURSUIT	10:00 - 10:00
	<i>Poster Presenter:</i> Eleanor Rachel Holton, GB	
P1.202	CANONICAL CORTICAL CIRCUITS USE HIGH-ORDER SYNERGIES TO MAINTAIN A MULTIPLEXED FREQUENCY COMMUNICATION	10:00 - 10:00
	<i>Poster Presenter:</i> Samy Castro Novoa, FR	
P1.203	EMERGING RHYTHMS IN A MODEL OF THE MONKEY BASAL GANGLIA	10:00 - 10:00
	<i>Poster Presenter:</i> Jeanne Barthélemy, FR	
P1.204	TOWARDS THE DOPAMINERGIC VIRTUAL BRAIN - DOPAMINE NEUROMODULATION EFFECTS IN A SIMPLE MEAN-FIELD MODEL FOR USE IN WHOLE-BRAIN NETWORK MODELING	10:00 - 10:00
	<i>Poster Presenter:</i> Hiba Sheheitli, FR	
P1.205	A COLLABORATIVE EFFORT TO STANDARDIZE, MAINTAIN, AND DEVELOP SPIKE-SORTING TOOLS THROUGH SPIKEINTERFACE	10:00 - 10:00
	<i>Poster Presenter:</i> Samuel Garcia, FR	
P1.206	COMPUTATIONAL MODELS OF THE DETECTION OF COOPERATIVE AND COMPETITIVE INTENTIONS IN CHILDREN FROM AGE 3 TO 9	10:00 - 10:00
	<i>Poster Presenter:</i> Toan Nong, FR	
P1.207	BEYOND FREQUENCY BANDS: CIRCUIT MECHANISMS FOR BURSTING GAMMA OSCILLATIONS	10:00 - 10:00
	<i>Poster Presenter:</i> Matteo di Volo, FR	

P1.208 **NEURAL INTERACTIONS IN THE HUMAN PREFRONTAL CORTEX DISSOCIATE REWARD AND PUNISHMENT PREDICTION ERROR SIGNALS** 10:00 - 10:00
Poster Presenter: Etienne Combrisson, FR

Symposium
 11:00 - 13:00

R1

S01 - Early experiences and adversity on brain development in human and nonhuman primates: effects from perinatal period to adulthood

Chair: Pier Francesco Ferrari, FR

S01.1 **Social touch and social exclusion affect infants' behavior and neural processing** 11:00 - 11:00
Speaker: Chiara Turati, IT

S01.2 **Early social adversity in non-human primates affects negative attentional biases and amygdalo-cortical functional connectivity** 11:00 - 11:00
Speaker: Pier Francesco Ferrari, FR

S01.3 **Brain maturation and processing of sounds and voice in preterm infants** 11:00 - 11:00
Speaker: Petra Huppi, CH

S01.4 **Assessing brain function and structure as a result of early adversity** 11:00 - 11:00

S01.5 **Maternal effects on physiological stress and communication in wild chimpanzees** 11:00 - 11:00
Oral Presenter: Cédric Girard-Buttoz, FR

Symposium
 11:00 - 13:00

R2

S02 - Theoretical and computational approaches in neuroscience: Emergence and low-dimensional representation in brain network dynamics

Chair: Spase Petkoski, FR

Chair: Matthieu Gilson, ES

S02.1 **The structured flow on the brain's resting state manifold** 11:00 - 11:00
Speaker: Spase Petkoski, FR

S02.2 **Disentangling high-order mechanisms and high-order behaviours in complex system** 11:00 - 11:00
Speaker: Daniele Marinazzo, BE

S02.3 **Event-Related Variability is Modulated by Task and Development** 11:00 - 11:00
Speaker: Shruti Naik, FR

S02.4 **Effective connectivity extracts clinically relevant information from resting state activity** 11:00 - 11:00
Speaker: Matthieu Gilson, ES

S02.5 **Large-Scale Brain Signatures Of Fluid Dynamics And Responsiveness Linked To Consciousness** 11:00 - 11:00
Oral Presenter: Martin Breyton, FR

Symposium

11:00 - 13:00

R3

S03 - Coping or not with stress: from adaptation to disease

Chair: Jacques Barik, FR

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|-------|---|---------------|
| S03.1 | A non-canonical tegmentum GABAergic pathway promotes freezing responses
<i>Speaker:</i> Jacques Barik, FR | 11:00 - 11:00 |
| S03.2 | SWI/SNF chromatin remodeler complex within the reward pathway is required for stress-induced depressive-like symptoms
<i>Speaker:</i> Sébastien Parnaudeau, FR | 11:00 - 11:00 |
| S03.3 | Time-dependent functional correlates of adult hippocampal cytotogenesis: Relevance to stress-induced Depression
<i>Speaker:</i> Luisa Pinto, PT | 11:00 - 11:00 |
| S03.4 | Inter-individual differences in trauma processing predict vulnerability vs resilience
<i>Speaker:</i> Marloes Henckens, NL | 11:00 - 11:00 |
| S03.5 | Dopamine And Glutamate Receptor Heteromers As A Common Molecular Substrate For Substance Use Disorder And Comorbid Depression
<i>Oral Presenter:</i> Marie-Charlotte Allichon, FR | 11:00 - 11:00 |

Symposium

11:00 - 13:00

R7

S04 - New perspectives on brain oscillations during sleep. Symposium proposed by the SFRMS (Société Française de Recherche et de Médecine du Sommeil)

Chair: Laurent Seugnet, FR

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| S04.1 | Conscious experiences and high-density EEG patterns predicting subjective sleep depth
<i>Speaker:</i> Aurélie M. Stephan, CH | 11:00 - 11:00 |
| S04.2 | Neural dynamics in cerebello-hippocampal circuits during sleep
<i>Speaker:</i> Thomas Watson, GB | 11:00 - 11:00 |
| S04.3 | Unusual sleep patterns in wild penguins
<i>Speaker:</i> Paul-Antoine Libourel, FR | 11:00 - 11:00 |
| S04.4 | Oscillatory coherence regulating behavioral responsiveness in sleepy brains in Drosophila
<i>Speaker:</i> Davide Raccuglia, DE | 11:00 - 11:00 |
| S04.5 | Is Paradoxical Sleep A Paradoxical State Of Sleep?
<i>Oral Presenter:</i> Flore Boscher, FR | 11:00 - 11:00 |

Symposium

11:00 - 13:00

R6

S05 - New insights into circadian rhythms and their impact on metabolic and mental health

Chair: Etienne Challet, FR

Chair: Marie-Paule Felder-Schmittbuhl, FR

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| S05.1 | Role of dopamine in the development of the mammalian retinal clock | 11:00 - 11:00 |
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	<i>Speaker:</i> Ouria Dkhissi-Benyahya, FR	
S05.2	Mood-related behaviours and circadian clocks in thyroid diseases <i>Speaker:</i> Xavier Bonnefont, FR	11:00 - 11:00
S05.3	Circadian clocks and feeding behaviour <i>Speaker:</i> Henrik Oster, DE	11:00 - 11:00
S05.4	Beneficial effects of chrononutrition on high fat diet-related memory impairments <i>Speaker:</i> Marie-Pierre Moisan, FR	11:00 - 11:00
S05.5	Effect Of Short-Term Fluoxetine Treatment On The Scn Neuronal Activity Rhythm Of The Diurnal Rodent Arvicanthis Ansorgei <i>Oral Presenter:</i> Rosanna Caputo, FR	11:00 - 11:00

Symposium

11:00 - 13:00

R4

S06 - On the potential role of synuclein members in Parkinson's disease and related disorders*Chair:* Véronique Sgambato, FR*Chair:* Analia Bortolozzi, ES

S06.1	Clinical overview on Parkinson's disease and other synucleinopathies and relevant biomarkers <i>Speaker:</i> Andrea Mancini, IT	11:00 - 11:00
S06.2	Alpha-Synuclein as a key player in animal models of Parkinson's disease <i>Speaker:</i> Marie-Laure Arotcarena, FR	11:00 - 11:00
S06.3	Beta-Synucleins as neurochemical markers in the differential diagnosis of neurodegenerative diseases <i>Speaker:</i> Markus Otto, DE	11:00 - 11:00
S06.4	Impact of gamma-synuclein modulation on dopaminergic transmission and behavioral responses <i>Speaker:</i> Analia Bortolozzi, ES	11:00 - 11:00

Symposium

11:00 - 13:00

R5

S07 - Olfactory navigation and memory processes*Chair:* Anne-Lise Saive, FR

S07.1	Using navigation tasks for translational memory assessment <i>Speaker:</i> Anne-Lise Paradis, FR	11:00 - 11:00
S07.2	Hippocampal sharp wave ripples: mechanism and function for place cell coding <i>Speaker:</i> Lisa Roux, FR	11:00 - 11:00
S07.3	Interactions between navigation abilities and olfactory memory <i>Speaker:</i> Anne-Lise Saive, FR	11:00 - 11:00
S07.4	Predictive responses in primary olfactory cortex <i>Speaker:</i> Tor Stensola, NO	11:00 - 11:00

S07.5 **Physiological Characterization Of Piriform Cortex Modulation By Respiratory Signal** 11:00 - 11:00
Oral Presenter: Giulio Casali, FR

Special Session

13:15 - 14:45

R3

SP01 - Neuroarcheology: towards the emergence of human cognition

SP01.1 **Infer the relative development of neuro-cognitive processes (e.g. planning) in modern primates and hominins** 13:15 - 13:15
Speaker: Sandrine Prat, FR

SP01.2 **Development of the language homologue pathway in chimpanzee** 13:15 - 13:15
Speaker: Yannick Becker, DE

SP01.3 **Looking for the language hardware** 13:15 - 13:15
Speaker: Mercedes Conde-Valverde, ES

SP01.4 **Anthropology and neuroscience: from prehistory to cognition** 13:15 - 13:15
Speaker: Emiliano Bruner, ES

Special Session

13:15 - 14:45

R6

SP02 - Research outside academia - Organized by the Young Researchers' office

Special Session

13:15 - 14:45

R4

SP03 - Transcriptomics : challenges and perspectives

SP03.1 **Fate specification of Cajal-Retzius neurons in the developing cerebral cortex** 13:15 - 13:15
Speaker: Frédéric Causeret, FR

SP03.2 **Good practices and challenges of big data analysis: organization and essential tools** 13:15 - 13:15
Speaker: Julien Prados, CH

SP03.3 **A system biology perspective to study nervous tissue formation** 13:15 - 13:15
Speaker: Marco Mendoza Parra, FR

SP03.4 **Towards integration in transcriptomics: www.humous.org: a digestible online resource for comparison of corticogenesis across species and conditions** 13:15 - 13:15
Speaker: Esther Klingler, CH

Symposium

15:30 - 17:30

R1

S08 - Midbrain dopamine neurons influence synaptic plasticity and memory

Chair: Lionel Dahan, FR

S08.1 **Contribution of subcortical sources of dopamine to hippocampus-dependent information encoding and memory** 15:30 - 15:30
Speaker: Denise Manahan-Vaughan, DE

S08.2	Contribution of D2R expressing-Gabaergic cells on hippocampal synaptic plasticity <i>Speaker:</i> Pola Tuduri, FR	15:30 - 15:30
S08.3	Midbrain dopamine neurons trigger hippocampal long term potentiation and contextual learning <i>Speaker:</i> Fares Sayegh, BE	15:30 - 15:30
S08.4	Dopamine builds and reveals reward-associated latent behavioral attractors <i>Speaker:</i> Bruno Delord, FR	15:30 - 15:30

Symposium

15:30 - 17:30

R2

S09 - Neuropeptides-induced regulation of astro-neuronal networks and behaviors*Chair:* Alexandre Charlet, FR

S09.1	Astrocytes involvement in oxytocin-induced modulation of fear <i>Speaker:</i> Alexandre Charlet, FR	15:30 - 15:30
S09.2	Oxytocin-induced regulation of astrocytic gap junctions is involved in anxiolysis <i>Speaker:</i> Laura Boi, DE	15:30 - 15:30
S09.3	Astroglial regulation of oxytocin and maternal behavior <i>Speaker:</i> Nathalie Rouach, FR	15:30 - 15:30
S09.4	An intimate neuron-astrocyte dialogue in infancy determines timely onset of puberty and fertility <i>Speaker:</i> Ariane Sharif, FR	15:30 - 15:30
S09.5	Neuromodulatory Regulation Of Aggressive Behavior By Hpg-Axis Neuropeptides <i>Oral Presenter:</i> Vinícius Elias de Moura Oliveira, BE	15:30 - 15:30

Symposium

15:30 - 17:30

R3

S10 - Theoretical and computational approaches in neuroscience: network neuroscience beyond connectivity*Chair:* Demian Battaglia, FR

S10.1	Abstract graph models of complex space-time organization in space and time to predict sensorimotor adaptation behavior <i>Speaker:</i> Jyotika Bahuguna, US	15:30 - 15:30
S10.2	Changing complexity of functional connectivity reconfiguration flow along human epileptic seizures <i>Speaker:</i> Nicola Pedreschi, GB	15:30 - 15:30
S10.3	Decomposing neural circuit function into information processing primitives <i>Speaker:</i> Demian Battaglia, FR	15:30 - 15:30
S10.4	A toolbox for functional interactions analyses: Group-level inferences on measures of information <i>Speaker:</i> Etienne Combrisson, FR	15:30 - 15:30

- S10.5 **Using Critical Dynamics To Capture Processes Underlying Brain-Computer Interface Performance** 15:30 - 15:30
Oral Presenter: Marie-Constance Corsi, FR

Symposium

15:30 - 17:30

R7

S11 - The pupil: taking a peek inside cognitive functions (Symposium proposed by the SPNC)

Chair: Claire Wardak, FR

- S11.1 **How does stimulation of the locus coeruleus affect brain-wide activity in macaques?** 15:30 - 15:30
Speaker: Wim Vanduffel, BE
- S11.2 **Distractibility and impulsivity neural states modulate the implementation of attention information** 15:30 - 15:30
Speaker: Julian Amengual, FR
- S11.3 **Pupil dilation signals information gain: experimental validation** 15:30 - 15:30
Speaker: Alexandre Zenon, FR
- S11.4 **Pupil diameter, a discriminant parameter in Autism Spectrum Disorders** 15:30 - 15:30
Speaker: Claire Wardak, FR
- S11.5 **Pupil Dilation Reflects The Social And Motion Content Of Faces** 15:30 - 15:30
Oral Presenter: Camille Ricou, FR

Symposium

15:30 - 17:30

R6

S12 - Role of centrosome/primary cilium during neurodevelopment

Chair: Sophie Thomas, FR

Chair: Marion Delous, FR

- S12.1 **Contributors to mitotic fidelity in the mammalian brain** 15:30 - 15:30
Speaker: Renata Basto, FR
- S12.2 **Primary cilia in cell fate specification and neurogenesis in the vertebrate brain** 15:30 - 15:30
Speaker: Sylvie Scheider, FR
- S12.3 **Primary cilium-mediated control of vertebrate neuronal differentiation** 15:30 - 15:30
Speaker: Raman Das, GB
- S12.4 **Spatiotemporal cilia dynamics in determining neural progenitor cell maintenance in brain organization** 15:30 - 15:30
Speaker: Jay Gopalakrishnan, DE
- S12.5 **Eml1-Dependent Centrosomal Alterations And Cell Cycle Deregulation: Primary Events Leading To Subcortical Band Heterotopia Formation** 15:30 - 15:30
Oral Presenter: Donia Zaidi, FR

Symposium

15:30 - 17:30

R4

S13 - Novel common therapeutic targets for rare neurological diseases: lessons from genetic animal models*Chair:* Susanna Pietropaolo, FR*Chair:* Barbara Bardoni, FR

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| S13.1 | Fragile X Syndrome as a paradigm to identify treatments for neurodevelopmental disorders
<i>Speaker:</i> Barbara Bardoni, FR | 15:30 - 15:30 |
| S13.2 | Implications of abnormal brain development to treat Huntington disease
<i>Speaker:</i> Sandrine Humbert, FR | 15:30 - 15:30 |
| S13.3 | Characterization of VPS13B-Mutant mice reveals early-onset neurodegeneration in cohen syndrome
<i>Oral Presenter:</i> Binnaz Yalcin, FR | 15:30 - 15:30 |
| S13.4 | Therapeutic approaches for Williams-Beuren syndrome
<i>Speaker:</i> Victoria Campuzano, ES | 15:30 - 15:30 |
| S13.5 | Identifying pharmacological approaches targeting BK channels to treat auditory impairment in neurodevelopmental disorders
<i>Oral Presenter:</i> Celeste Ferraguto, FR | 15:30 - 15:30 |

Symposium

15:30 - 17:30

R5

S14 - Cognitive and emotional state monitoring through passive brain-computer interfaces*Chair:* Raphaëlle N. Roy, FR

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| S14.1 | Cognitive and emotional states biomarkers for human-computer interface applications
<i>Speaker:</i> Aurélie Campagne, FR | 15:30 - 15:30 |
| S14.2 | Machine learning and software tools for cognitive, affective and conative states estimation from EEG
<i>Speaker:</i> Fabien Lotte, FR | 15:30 - 15:30 |
| S14.3 | Passive BCIs for Adaptive Learning in Pedagogical Human-robot Interaction
<i>Speaker:</i> Maryam Alimardani, NL | 15:30 - 15:30 |
| S14.4 | Pushing brain computer out of the lab to improve human-technology teaming
<i>Speaker:</i> Frédéric Dehais, FR | 15:30 - 15:30 |
| S14.5 | What Ethics Does Neuroethics Bring To Bear On The Issue Of Non-Invasive Neurotechnologies?
<i>Oral Presenter:</i> Laure Tabouy, FR | 15:30 - 15:30 |

Plenary Lecture

17:30 - 18:00

R1

PL02 - Towards an integrative model of the hippocampal formation for episodic and spatial memory

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| PL02.1 | Lecture | 17:30 - 18:00 |
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Speaker: Ila Fiete, US

Plenary Lecture

18:00 - 18:30

R1

PL03 - Phenotypic effects of genetic variants associated with autism beyond diagnosis

PL03.1

Lecture

18:00 - 18:30

Speaker: Thomas Bourgeron, FR

Thursday, 25. May 2023*Plenary Lecture*

09:00 - 09:30

R1

PL04 - End of a neuromyth: adult neurogenesis in the mammalian brain

PL04.1

Lecture

09:00 - 09:30

Speaker: Nora Abrous, FR*Other*

09:30 - 09:35

R1

Presentation by NETRI*Plenary Lecture*

09:35 - 10:05

R1

PL05 - What is special about the social brain?

PL05.1

Lecture

09:35 - 10:05

Speaker: Matthew Rushworth, GB*Poster Session*

10:00 - 15:30

R8

PS02 - Posters Presentations**1: Neurodevelopment**

10:00 - 10:00

P2.001

MODELLING NR2F1 DEFICIENCY IN HUMAN BRAIN ORGANOIDS

10:00 - 10:00

Poster Presenter: Michel Bertacchi, FR

P2.002

PATHOGENIC TRIO VARIANTS ASSOCIATED WITH NEURODEVELOPMENTAL DISORDERS RELIEVE THE AUTOINHIBITION OF TRIO ACTIVITY AND PERTURB AXON PATHFINDING *IN VIVO*

10:00 - 10:00

Poster Presenter: Susanne Schmidt, FR

P2.003

NEONATAL BRAIN INJURY UNRAVELS TRANSCRIPTIONAL AND SIGNALING CHANGES UNDERLYING THE REACTIVATION OF CORTICAL PROGENITORS

10:00 - 10:00

Poster Presenter: Louis Foucault, FR

P2.004

SINGLE CELL ANALYSIS OF THE POSTNATAL DORSAL V-SVZ REVEALS A ROLE FOR BMPRI1A-SIGNALING IN SILENCING PALLIAL GERMINAL ACTIVITY

10:00 - 10:00

Poster Presenter: Elodie Babina, FR

P2.005

IL-22 PROMOTES NEURAL STEM CELL SELF-RENEWAL IN THE THE VENTRICULAR-SUBVENTRICULAR ZONE OF THE ADULT BRAIN

10:00 - 10:00

Poster Presenter: Valérie Coronas, FR

P2.006

DECIPHERING THE SENSORY NEURODEVELOPMENTAL COMPONENT IN FRIEDREICH ATAXIA

10:00 - 10:00

Poster Presenter: Lucie Hermet, FR

P2.007

EVALUATION OF A PRE/PERINATAL TREATMENT IN A

10:00 - 10:00

DOWN SYNDROME MOUSE MODEL*Poster Presenter:* Manon Moreau, FR

P2.008	DISTRIBUTION OF OXYTOCIN AND VASOPRESSIN CELLS IN THE DEVELOPING MOUSE BRAIN AND INFLUENCE OF EARLY LIFE STRESS.	10:00 - 10:00
	<i>Poster Presenter:</i> Marie Habart, FR	
P2.009	VISUALIZATION OF MAP6-POSITIVE MICROTUBULES THROUGHOUT THE NEURONAL MT NETWORK: INPUT OF EXPANSION MICROSCOPY	10:00 - 10:00
	<i>Poster Presenter:</i> Sylvie Gory-Fauré, FR	
P2.010	BIRTH AND SEROTONIN-SENSITIVE PERIOD SUPPORTS PLASTICITY OF THALAMIC AXONS ACROSS CORTICAL AREAS	10:00 - 10:00
	<i>Poster Presenter:</i> Ludmilla Lokmane, FR	
P2.011	IMPLEMENTATION OF AN EXPANSION MICROSCOPY PROTOCOL TO UNDERSTAND THE PHYSICAL COUPLING BETWEEN THE REISSNER FIBER AND NORADRENALINE IN THE CEREBROSPINAL FLUID DURING THE MORPHOGENESIS OF THE EMBRYONIC AXIS	10:00 - 10:00
	<i>Poster Presenter:</i> Zaineb El bourakkadi, FR	
P2.012	DLX5/6 INVOLVEMENT IN THE POSTNATAL MATURATION OF CORTICAL PARVALBUMIN NEURONS DURING CRITICAL PERIODS	10:00 - 10:00
	<i>Poster Presenter:</i> Nicolas Narboux-Nême, FR	
P2.013	HYPERLEPTINEMIA INDUCED BY OBESOGENIC MATERNAL DIET ALTERS THE HIPPOCAMPAL EXCITATION/INHIBITION BALANCE IN MICE OFFSPRING	10:00 - 10:00
	<i>Poster Presenter:</i> Mélanie Brosset-Heckel, FR	
P2.014	DISSECTING THE CONTRIBUTION OF NORADRENERGIC SIGNALING IN THE REISSNER FIBER-DEPENDENT STRAIGHTENING OF THE BODY AXIS	10:00 - 10:00
	<i>Poster Presenter:</i> Clothilde Colart, FR	
P2.015	NEURODEVELOPMENTAL ORIGIN OF CORTICAL SATELLITE CELLS	10:00 - 10:00
	<i>Poster Presenter:</i> Edson Rodrigues, FR	
P2.016	NEUROINFLAMMATORY MECHANISMS OF PAIN HYPERSENSITIZATION IN A MOUSE MODEL OF ATTENTION DEFICIT/HYPERACTIVITY DISORDER (ADHD)	10:00 - 10:00
	<i>Poster Presenter:</i> Sarah Bou Sader Nehme, FR	
P2.017	ROLE OF MECP2 EXPRESSION DURING EARLY PRIMATE CORTICOGENESIS	10:00 - 10:00
	<i>Poster Presenter:</i> Kamela Nikolla, FR	
P2.018	MEASUREMENT OF METABOLIC ACTIVITY AND MATURATION OF BLOOD BRAIN INTERFACES IN DEVELOPING RAT CHOROID PLEXUSES.	10:00 - 10:00
	<i>Poster Presenter:</i> Laloé Monteiro, FR	
P2.019	ANTERIOR CINGULATE CORTEX HYPERACTIVITY IN A MOUSE MODEL OF ATTENTION-DEFICIT/HYPERACTIVITY	10:00 - 10:00

DISORDER AND PAIN COMORBIDITY*Poster Presenter:* Sandra Sanchez-Sarasua, FR

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| P2.020 | INTRINSIC NEURONAL PROGRAMMING IS SUFFICIENT TO DRIVE PROPER NEURONAL IDENTITY AND CONNECTIVITY IN THE SOMATOSENSORY CORTEX OF TWO MOUSE MODELS OF GREY MATTER HETEROTOPIA
<i>Poster Presenter:</i> Aurélien Fortoul, FR | 10:00 - 10:00 |
| P2.021 | THE <i>PTCHD1</i> GENE, INVOLVED IN X-LINKED NEURODEVELOPMENTAL DISORDERS, IS A MAJOR REGULATOR OF CYTOSKELETON REMODELING AT SYNAPSE.
<i>Poster Presenter:</i> Dévina Ung, FR | 10:00 - 10:00 |
| P2.022 | DIRECT EFFECTS OF THYROID HORMONE ON THE MATURATION OF PARVALBUMIN NEURONS IN THE MOUSE CORTEX
<i>Poster Presenter:</i> Juan Ren, FR | 10:00 - 10:00 |
| P2.023 | IN MICE AND HUMANS, BRAIN MICROVASCULAR CONTRACTILITY MATURES POSTNATALLY
<i>Poster Presenter:</i> Anne-Cécile Boulay, FR | 10:00 - 10:00 |
| P2.024 | READY, STEADY, GO! IS ATTENTION TO ODOR A RHYTHMIC PROCESS IN RATS ?
<i>Poster Presenter:</i> Jean Jacques Walker, FR | 10:00 - 10:00 |
| P2.025 | THE PELVIC GANGLION IS A DIVERGENT OUTPOST OF THE SYMPATHETIC CHAINS
<i>Poster Presenter:</i> Margaux Sivori, FR | 10:00 - 10:00 |
| P2.026 | A NOVEL PATHWAY TO REGULATE SPLICING IN NEURONS: NUA1 REGULATES NEURONAL SPLICING EVENTS THROUGH ITS INTERACTION WITH NUCLEAR SPECKLE PROTEIN SON
<i>Poster Presenter:</i> Martijn Kerkhofs, FR | 10:00 - 10:00 |
| | 2: Neuro-excitability, synapse and glia | 10:00 - 10:00 |
| P2.031 | RADIAL ASTROCYTE SYNCHRONIZATION MODULATES THE VISUAL SYSTEM DURING BEHAVIORAL-STATE TRANSITIONS
<i>Poster Presenter:</i> Alejandro Uribe, FR | 10:00 - 10:00 |
| P2.032 | ACTIVITY-INDUCED GAP JUNCTION MODULATION IN THE MESENCEPHALIC TRIGEMINAL NUCLEUS
<i>Poster Presenter:</i> Federico Davoine, UY | 10:00 - 10:00 |
| P2.033 | CORE PCP PROTEIN VANGL2 IS ESSENTIAL TO THE STRUCTURAL AND FUNCTIONAL DEVELOPMENT OF THE HIPPOCAMPAL MOSSY FIBER BOUTON/THORNY EXCRESCENCES (MFB/TE) SYNAPSE.
<i>Poster Presenter:</i> Marie Gleizes, FR | 10:00 - 10:00 |
| P2.034 | AN EXTRACELLULAR COMPLEX BETWEEN PUNCTIN/MADD-4 AND COLLAGEN XVIII/CLE-1 CONTROLS SYNAPSE IDENTITY AT <i>C. ELEGANS</i> NEUROMUSCULAR JUNCTIONS
<i>Poster Presenter:</i> Mélissa Cizeron, FR | 10:00 - 10:00 |

P2.035	DEVELOPMENT OF AN APPROACH TO ISOLATE MICROGLIA AND ASTROCYTES FROM ADULT MOUSE BRAIN WITHOUT GENE ACTIVATION <i>Poster Presenter:</i> Valentin Garcia, FR	10:00 - 10:00
P2.036	TOOLS FOR DECIPHERING THE MOLECULAR MECHANISMS INVOLVED IN ATP RELEASE BY ASTROCYTES USING BIOSENSORS <i>Poster Presenter:</i> Negar Ahmadi, FR	10:00 - 10:00
P2.037	GLUTAMATE RECEPTOSOME DYNAMICS AT SYNAPSES CONTROLS PLASTICITY <i>Poster Presenter:</i> Enora Moutin, FR	10:00 - 10:00
P2.038	ROLE OF ASTROCYTES IN MAINTAINING ENERGY BALANCE AND CONSEQUENCES OF THEIR ADAPTATION TO A HIGH CALORIE DIET <i>Poster Presenter:</i> Caroline Léger, FR	10:00 - 10:00
P2.039	FUNCTIONALLY ORGANIZED ASTROCYTES NETWORKS ARE ESSENTIAL FOR OT-INDUCED MODULATION OF AMYGDALA NEURONAL NETWORKS AND RELATED BEHAVIORS <i>Poster Presenter:</i> Grelot Valentin, FR	10:00 - 10:00
P2.040	DECIPHERING THE DYNAMIC OF CEREBROVASCULAR REACTIVITY TO HYPERCAPNIA AND NEUROVASCULAR COUPLING <i>Poster Presenter:</i> Marine Tournissac, FR	10:00 - 10:00
P2.041	DYNAMIC CALCIUM SIGNALS OF OLIGODENDROGLIA IN DEMYELINATED LESIONS <i>Poster Presenter:</i> Roxane Bancel Vega, FR	10:00 - 10:00
P2.042	HOW KV2.1 CONTRIBUTES TO DENDRITE ACTIVE PROPERTIES? <i>Poster Presenter:</i> Anne-Lise Paupiah, FR	10:00 - 10:00
P2.043	NANOBODY-BASED SENSORS REVEAL A HIGH PROPORTION OF MGLU HETERODIMERS IN THE BRAIN. <i>Poster Presenter:</i> Pierre-André Lafon, FR	10:00 - 10:00
P2.044	NEURONAL EPILEPTIFORM ACTIVITY INDUCES SYNCHRONOUS MICROGLIAL CALCIUM SIGNALING THROUGH P2Y12 RECEPTOR ACTIVATION <i>Poster Presenter:</i> Elena Avignone, FR	10:00 - 10:00
P2.045	TOWARDS A COMPREHENSIVE CHARACTERIZATION OF IONOTROPIC ACETYLCHOLINE RECEPTORS IN C. ELEGANS <i>Poster Presenter:</i> Berangere Pinan-Lucarre, FR	10:00 - 10:00
P2.046	AN ANALGESIC PATHWAY FROM PARVOCELLULAR OXYTOCIN NEURONS TO THE PERIAQUEDUCTAL GRAY IN RATS <i>Poster Presenter:</i> Etienne Clauss--Creusot, FR	10:00 - 10:00
P2.047	ROLE OF THE CASR ON NEURONAL EXCITABILITY IN CA1 HIPPOCAMPAL REGION <i>Poster Presenter:</i> Konstantina Mylonaki, FR	10:00 - 10:00

P2.051	DEVELOPMENTAL CELL DEATH OF OLIGODENDROGLIA IS REQUIRED FOR COGNITIVE FLEXIBILITY IN MICE <i>Poster Presenter:</i> Cristobal Ibaceta-González, FR	10:00 - 10:00
P2.049	CENTRAL AMYGDALA ASTROCYTIC OXYTOCIN RECEPTOR MEDIATES BEHAVIORAL ADAPTATION IN MICE <i>Poster Presenter:</i> Angel Baudon, FR	10:00 - 10:00
P2.048	REAL-TIME MONITORING OF MULTIPLE SIGNALING PATHWAYS IN SINGLE NEURONS IN FREELY BEHAVING MICE USING COMBINED FLUORESCENCE AND BRET MICROSCOPY. <i>Poster Presenter:</i> Vivien Szabo, FR	10:00 - 10:00
P2.050	PHYSIOLOGICAL FUNCTION OF THE AMYLOID PRECURSOR PROTEIN (APP) IN GABAERGIC TRANSMISSION WITHIN THE CA3 CIRCUIT <i>Poster Presenter:</i> Anaël Erhardt, FR	10:00 - 10:00
	3: Neurological and psychiatric diseases, experimental therapeutics	10:00 - 10:00
P2.056	CONNECTING METABOLIC AND EPIGENETIC DYSREGULATIONS IN HUNTINGTON'S DISEASE <i>Poster Presenter:</i> Noémie Penaud, FR	10:00 - 10:00
P2.057	GAO-3-02 PREVENTS SEIZURE AND ASSOCIATED COGNITIVE IMPAIRMENTS <i>Poster Presenter:</i> Amor Belmeguenai, FR	10:00 - 10:00
P2.058	GLUNOMAB IMMUNOTHERAPY: A NOVEL MECHANISM OF ACTION FOR THE TREATMENT OF PARKINSON'S DISEASE <i>Poster Presenter:</i> Nathalie Delétage, FR	10:00 - 10:00
P2.059	FLUOXETINE REGULATES DLX5/6 EXPRESSION IN GABAERGIC NEURONS THROUGH TRKB SIGNALLING PATHWAY: IMPLICATIONS FOR ITS ANTIDEPRESSANT MODE OF ACTION <i>Poster Presenter:</i> Rym Aouci, FR	10:00 - 10:00
P2.060	NICOTINE EXPOSURE DURING ADOLESCENCE DISRUPTS THE DOPAMINERGIC CIRCUITRY IN THE VENTRAL TEGMENTAL AREA <i>Poster Presenter:</i> Daiana Rigoni*, FR	10:00 - 10:00
P2.061	THE CHAPERONE DNAJB6 FORMS HOT-SPOTS THAT DELINEATE THE NEURONAL A-SYNUCLEIN INCLUSIONS SEEDED BY EXOGENOUS FIBRILS IN PRIMARY CULTURES AND IN VIVO IN NON-TRANSGENIC MICE. <i>Poster Presenter:</i> Aenora Letourneur, FR	10:00 - 10:00
P2.062	ROLE OF ALPHA SYNUCLEIN IN SONG LEARNING IN ZEBRA FINCH <i>Poster Presenter:</i> Hortense de LA SEIGLIERE, FR	10:00 - 10:00
P2.063	GENERATION OF GLUTAMATERGIC INDUCED NEURONS IN THE EPILEPTIC HIPPOCAMPUS BY IN VIVO LINEAGE REPROGRAMMING OF RESIDENT GLIA <i>Poster Presenter:</i> Marie d'Orange, FR	10:00 - 10:00

P2.064	STRUCTURAL ORGANIZATION OF THE AXON INITIAL SEGMENT IN NEURONS OF HUNTINGTON'S DISEASE MODEL <i>Poster Presenter:</i> Rayan Dawod, FR	10:00 - 10:00
P2.065	INVOLVEMENT OF INHIBITORY NEURONS IN MOUSE MODELS OF AMYOTROPHIC LATERAL SCLEROSIS AND FRONTOTEMPORAL DEMENTIA <i>Poster Presenter:</i> Félicie Lorenc, FR	10:00 - 10:00
P2.066	OVERCOMING A-SYN ANTIBODY CONFORMATIONAL BIASES FOR THE EXTRACTION, QUANTIFICATION AND BIOACTIVITY ASSESSMENT OF A-SYN AGGREGATES IN BIOLOGICAL SAMPLES. <i>Poster Presenter:</i> Ludivine Sabatier, FR	10:00 - 10:00
P2.067	IMPACT OF ADAPTIVE INFLAMMATORY CUES ON MICROGLIA-NEURON CONTACTS AT THE NODE OF RANVIER IN MULTIPLE SCLEROSIS AND EAE <i>Poster Presenter:</i> Anne Desmazieres, FR	10:00 - 10:00
P2.068	TOFACITINIB ALLEVIATES MECHANICAL SENSITIVITY IN INFLAMMATORY ANIMAL MODELS <i>Poster Presenter:</i> Marie Tuifua, FR	10:00 - 10:00
P2.069	A NOVEL PEPTIDE DERIVED FROM VASCULAR ENDOTHELIAL GROWTH FACTOR PREVENTS AMYLOID BETA AGGREGATION AND TOXICITY IN ALZHEIMER'S DISEASE MODELS <i>Poster Presenter:</i> Claire Meissirel, FR	10:00 - 10:00
P2.070	NEUROANATOMICAL BASIS FOR THE ANTI-NOCICEPTIVE ROLE OF THE RELAXIN-3/RXFP3 PEPTIDERGIC SYSTEM. <i>Poster Presenter:</i> Thibault Dhellemmes, FR	10:00 - 10:00
P2.071	FOOD AVOIDANCE IN ANOREXIA NERVOSA PATIENTS: A GAZE CONTROL STUDY ASSOCIATED WITH FOOD EVALUATION AND PREFERENCE TASKS. <i>Poster Presenter:</i> Geandrot Zemmahi Amale, FR	10:00 - 10:00
P2.072	IN VIVO MODULATION OF PERIPHERAL LYMPHOCYTE SUBSETS AND GENES EXPRESSION IN MULTIPLE SCLEROSIS PATIENTS TREATED WITH HIGH DOSES OF VITAMIN D. <i>Poster Presenter:</i> Manon Galoppin, FR	10:00 - 10:00
P2.073	MICROBIOTA AND ALZHEIMER'S DISEASE: THE MICMALZ COHORT <i>Poster Presenter:</i> Sylvie Claeyssen, FR	10:00 - 10:00
P2.074	NEW DATA ON KETAMINE-INDUCED BEHAVIOURAL RESPONSES IN AN ANIMAL MODEL FOR SCHIZOPHRENIA <i>Poster Presenter:</i> Alain Louilot, FR	10:00 - 10:00
P2.075	DEFINING THE THERAPEUTIC WINDOW OF A NOVEL GENE THERAPY APPROACH IN FRIEDREICH ATAXIA <i>Poster Presenter:</i> Laure Dall'Agnol, FR	10:00 - 10:00
P2.076	DISSECTING AND IDENTIFYING SPECIFIC SIGNATURES OF KEY MOLECULAR ALTERATIONS UNDERLYING	10:00 - 10:00

	CEREBELLAR CELL-TYPE VULNERABILITY ACROSS CEREBELLAR ATAXIAS	
	<i>Poster Presenter:</i> Andrea Del Bondio, FR	
P2.077	EVALUATION OF PLEIOTROPIC PRODRUGS WITH POTENTIAL THERAPEUTIC INTEREST IN DOWN SYNDROME AND ALZHEIMER'S DISEASE	10:00 - 10:00
	<i>Poster Presenter:</i> Thomas Curel, FR	
P2.078	ASSESSMENT OF THE PSYCHEDELIC 5-MEO-DMT FOR ANXIOLYTIC AND ANTIDEPRESSANT-LIKE EFFECTS	10:00 - 10:00
	<i>Poster Presenter:</i> Romain Hacquet, FR	
P2.079	HIPPOCAMPAL ADULT NEUROGENESIS AND AREA CA2 IN ALZHEIMER'S DISEASE: AN APPROACH USING 3R-TAU IMMUNOLABELING	10:00 - 10:00
	<i>Poster Presenter:</i> Lola Fauré, FR	
P2.080	REPETITIVE DIRECT CATHODAL CURRENT TRANSCRANIAL STIMULATION (C-TDCS) TARGETING THE LEFT FRONTAL CORTEX ATTENUATES THE EXPRESSION OF AN ANXIO-DEPRESSIVE-LIKE PHENOTYPE IN LATE STAGE NEUROPATHIC MICE WITHOUT ALLEVIATING THE MECHANICAL ALLODYNIA	10:00 - 10:00
	<i>Poster Presenter:</i> Bahrie Ramadan, FR	
P2.081	TWO POLYGENIC MOUSE MODELS OF MAJOR DEPRESSIVE DISORDERS IDENTIFIED TWO GENES AS BIOMARKERS OF THE DISEASE AND THE TREATMENT RESPONSE	10:00 - 10:00
	<i>Poster Presenter:</i> Claire Altersitz, FR	
P2.082	MAPPING OF CB2 RECEPTOR IN THE HEALTHY AND INFLAMMATORY MOUSE BRAIN: A TRANSCRIPTIONAL STUDY AT THE TISSUE AND CELL LEVELS	10:00 - 10:00
	<i>Poster Presenter:</i> Anne Ruiz, FR	
P2.083	CHARACTERIZATION OF HIPSC-DERIVED ENDOTHELIAL CELLS: ROLE IN CEREBRAL AMYLOID ANGIOPATHY RELATED TO ALZHEIMER'S DISEASE.	10:00 - 10:00
	<i>Poster Presenter:</i> Louis Valay, FR	
P2.084	ASSESSMENT OF DIFFERENTIAL SPLICING OF GENES INVOLVED IN MOTOR NEURON DISEASES IN NEURONAL AND NON-NEURONAL CELLS, BY LONG-READ SEQUENCING: PROOF OF CONCEPT IN THE SPG11 GENE	10:00 - 10:00
	<i>Poster Presenter:</i> Marion Leblanc, FR	
P2.085	BRAIN PENETRATION OF CAMELID SINGLE-DOMAIN ANTIBODIES (VHH) : A PRIVILEGE OR A MORE COMMON TRAIT?	10:00 - 10:00
	<i>Poster Presenter:</i> Mireille Elodie Tsitokana, FR	
P2.086	TITANIUM DIOXIDE AND CARBON BLACK NANOPARTICLES INDUCE MOLECULAR SIGNS OF ALZHEIMER'S DISEASE VIA INTERACTION AND EXCESSIVE STIMULATION OF CELLULAR PRION PROTEIN SIGNALING FUNCTION	10:00 - 10:00
	<i>Poster Presenter:</i> Anna Bencsik, FR	

P2.087	CHRONIC NICOTINE DISRUPTS TOP-DOWN HABENULAR CONTROL OVER CHOLINERGIC SIGNALS GATING MOTIVATION <i>Poster Presenter: Renan Campos, FR</i>	10:00 - 10:00
P2.088	REPEATED ANODAL TRANSCRANIAL DIRECT CURRENT STIMULATION (TDCS) DURING ADOLESCENCE MODULATES PARVALBUMIN EXPRESSION IN THE MOUSE PREFRONTAL CORTEX <i>Poster Presenter: Stéphanie Dumontoy, FR</i>	10:00 - 10:00
P2.089	GUT-DERIVED METABOLITES AS MODULATORS OF BRAIN INFLAMMATION. <i>Poster Presenter: Quentin Leyrolle, FR</i>	10:00 - 10:00
P2.090	DELAYING PUNISHMENT MAGNIFIES INDIVIDUAL DIFFERENCES IN BREAK POINTS IN A PROGRESSIVE SHOCK STRENGTH PROCEDURE <i>Poster Presenter: Marcello Solinas, FR</i>	10:00 - 10:00
P2.091	EVOLUTION WITH AGING OF SLEEP MICROARCHITECTURE IN MICE ACCUMULATING NEUROMELANIN IN CATECHOLAMINERGIC NEURONS, A NEW HUMANIZED PARKINSON'S DISEASE MODEL <i>Poster Presenter: Patrice Fort, FR</i>	10:00 - 10:00
P2.092	FATIGUE AND DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH INFLAMMATION-RELATED ALTERATIONS IN GTP-CH1 ENZYMATIC PATHWAY IN OBESE SUBJECTS <i>Poster Presenter: Juliette Montet, FR</i>	10:00 - 10:00
P2.093	DECIPHERING THE CONTRIBUTION OF THE PARVALBUMIN-EXPRESSING NEURONS IN THE MOTOR, COGNITIVE AND SOCIAL ALTERATIONS IN A MOUSE MODEL OF LEIGH SYNDROME <i>Poster Presenter: Laura Cutando Ruiz, ES</i>	10:00 - 10:00
P2.094	RGS8 A NEW PROTEIN INVOLVED IN PARANEOPLASTIC CEREBELLAR ATAXIAS <i>Poster Presenter: Le Duy Do, FR</i>	10:00 - 10:00
	4: Integrative, sensory and motor neuroscience	10:00 - 10:00
P2.100	DYSFUNCTION OF CORTICAL INHIBITORY INTERNEURONS IN AMYOTROPHIC LATERAL SCLEROSIS <i>Poster Presenter: Alexandra Lackmy-Vallée, FR</i>	10:00 - 10:00
P2.101	DISTRIBUTION, MORPHOLOGY AND PROPERTIES OF CSF-CONTACTING NEURONS ALONG THE MOUSE SPINAL CORD <i>Poster Presenter: Elysa Crozat, FR</i>	10:00 - 10:00
P2.102	GABAERGIC NEURONS OF THE PREBÖTZINGER COMPLEX IN THE BRAINSTEM DRIVE RESPIRATORY MODULATION OF HEART RATE AND BLOOD PRESSURE <i>Poster Presenter: Ambre Linossier, FR</i>	10:00 - 10:00
P2.103	DISTINCT ROLE OF RODS IN THE LIGHT RESPONSE OF THE RETINAL AND THE SCN CLOCK: C-FOS CELLULAR APPROACH	10:00 - 10:00

	<i>Poster Presenter:</i> Antonin Jandot, FR	
P2.104	NEURONAL AND PHYSIOLOGICAL CORRELATES OF THE APPEASING EFFECT OF A PLEASANT SMELL <i>Poster Presenter:</i> Valentin Ghibaudo, FR	10:00 - 10:00
P2.105	EVOLUTION OF SLOW AND FAST OSCILLATORY NEURAL NETWORKS DURING LEARNING OF AN OLFACTORY DISCRIMINATION TASK IN RAT <i>Poster Presenter:</i> Nicolas Fourcaud-Trocme, FR	10:00 - 10:00
P2.106	SOCIAL DEFEAT INDUCES REM SLEEP FRAGMENTATION THROUGH THE PFC-VLPO PATHWAY <i>Poster Presenter:</i> Mathilde Chouvaeff, FR	10:00 - 10:00
P2.107	ANATOMICAL AND FUNCTIONAL DIVERSITY OF V2A RETICULAR NEURONS IN CONTROLLING MOTOR ACTIONS <i>Poster Presenter:</i> Alexis d'Humières, FR	10:00 - 10:00
P2.108	ENCODING OF SOUND CATEGORIES IN THE MOUSE AUDITORY BRAINSTEM <i>Poster Presenter:</i> Etienne Gosselin, FR	10:00 - 10:00
P2.109	PUPILLARY HIPPIUS AND ITS VARIATION IN DIFFERENT TOP-DOWN AND BOTTOM-UP CONDITIONS <i>Poster Presenter:</i> Vivien Rabadan, FR	10:00 - 10:00
P2.110	RETINOIC ACID RECEPTOR BETA (RARβ) PROTECTS STRIATOPALLIDAL MEDIUM SPINY NEURONS FROM NEURODEGENERATION - RELEVANCE FOR RARE DISEASES <i>Poster Presenter:</i> Nicolas Zinter, FR	10:00 - 10:00
P2.111	INFLUENCE OF SLEEP DEPRIVATION ON INSPIRATORY ENDURANCE IN RODENTS: BEHAVIOURAL APPROACH AND UNDERLYING NEURONAL MECHANISMS <i>Poster Presenter:</i> Eloïse Van Camp, FR	10:00 - 10:00
P2.112	INVESTIGATING FA PHYSIOPATHOLOGY IN HUMAN IPSC-DERIVED DRG ORGANOIDS <i>Poster Presenter:</i> Valentine Mosbach, FR	10:00 - 10:00
P2.113	PLANARIANS AS AN EMERGENT MODEL FOR THE DEVELOPMENT AND SCREENING OF ANTINOCICEPTIVE DRUGS. <i>Poster Presenter:</i> Guillaume Reho, FR	10:00 - 10:00
P2.114	EARLY-LIFE OLFACTORY EXPERIENCE SHAPES THE CONNECTIVITY OF THE ODORANT-RESPONDING BRAIN NETWORK IN MICE. <i>Poster Presenter:</i> Brunel Théo, FR	10:00 - 10:00
P2.115	CHARACTERIZATION OF THE CEREBELLAR PROJECTIONS TO THE HIPPOCAMPUS <i>Poster Presenter:</i> Xhensjana Zenelaj, FR	10:00 - 10:00
P2.116	LAMINAR DYNAMICS OF BETA ACTIVITY IN PRIMARY MOTOR CORTEX <i>Poster Presenter:</i> Siqi Zhang, FR	10:00 - 10:00

P2.117	MULTIVARIATE BRAIN SIGNATURE APPROACH TO DETECT BRAIN ACTIVITY PATTERN PREDICTING PAIN MODULATION <i>Poster Presenter:</i> Laura Malaguti Modernell, FR	10:00 - 10:00
P2.118	DYNAMIC CORTICO-CORTICAL INTERACTIONS ALONG VISUOMOTOR PATHWAYS <i>Poster Presenter:</i> Georgios Bardanikas, FR	10:00 - 10:00
P2.119	WHAT IS A RHYTHMIC CONTEXT FOR THE BRAIN? INSIGHTS INTO THE MECHANISMS OF TEMPORAL PREDICTIONS. <i>Poster Presenter:</i> Pierre Bonnet, FR	10:00 - 10:00
P2.120	INVESTIGATION OF MECHANISMS UNDERLYING GLIA-DEPENDENT MOTOR ARREST <i>Poster Presenter:</i> Mahalakshmi Dhanasekar, FR	10:00 - 10:00
P2.121	INVOLVEMENT OF SEROTONERGIC DESCENDING PATHWAY IN PAIN IN A MOUSE MODEL OF PARKINSONISM <i>Poster Presenter:</i> Zoé Grivet, FR	10:00 - 10:00
P2.122	TRANSPLANTATION OF IPSC-DERIVED DOPAMINE NEURONS IN ALPHA-SYNUCLEIN OVEREXPRESSION MOUSE MODEL: EFFECT OF THE GRAFT SITE ON HOST TO GRAFT ALPHA-SYNUCLEIN PROPAGATION AND GRAFT INTEGRATION <i>Poster Presenter:</i> Laure Belnoue, FR	10:00 - 10:00
P2.123	STRONGER ALPHA AND BETA POWER IN NEUROTYPICAL ADULTS IS RELATED TO MORE EFFICIENT ANTICIPATORY POSTURAL CONTROL IN THE BIMANUAL LOAD-LIFTING TASK <i>Poster Presenter:</i> Viktoriya Manyukhina, FR	10:00 - 10:00
P2.124	SPINAL INHIBITION SHAPES THE SENSORY MODALITY PROFILE OF DORSAL HORN NEURONS. <i>Poster Presenter:</i> Ahmed Negm, FR	10:00 - 10:00
P2.125	NEUROPHYSIOLOGICAL CONSEQUENCES OF GENERAL ANESTHESIA ON THE PARAVENTRICULAR THALAMUS <i>Poster Presenter:</i> Julie Areias, FR	10:00 - 10:00
P2.126	THE IONOTROPIC RECEPTOR P2X4 CONTROLS AUDITORY OUTER HAIR CELLS MICROMECHANICS <i>Poster Presenter:</i> Coline Riffault, FR	10:00 - 10:00
P2.127	A ROLE FOR THE CLAUSTRUM IN SLEEP-DEPENDENT MEMORY CONSOLIDATION <i>Poster Presenter:</i> Coline Portet, FR	10:00 - 10:00
P2.128	CEREBROSPINAL FLUID-CONTACTING NEURONS ARE FUNCTIONALLY CONNECTED TO CARDINAL MOTOR INTERNEURONS IN THE MICE SPINAL CORD <i>Poster Presenter:</i> Edith Blasco, FR	10:00 - 10:00
	5: Neuroendocrinology and integrative physiology	10:00 - 10:00
P2.133	THE GUT-BRAIN VAGAL AXIS GOVERNS NATURAL AND	10:00 - 10:00

	RECREATIONAL REWARD EVENTS BY REGULATING THE DOPAMINE SYSTEM	
	<i>Poster Presenter:</i> Oriane Onimus, FR	
P2.134	GUT MICROBIOTA-INDUCED REGULATION OF CATECHOLAMINE BIOSYNTHETIC PATHWAY IN THE ADRENAL GLANDS OF STRESSED RATS	10:00 - 10:00
	<i>Poster Presenter:</i> Nathalie C. Guerinéau*, FR	
P2.135	ASSESSING NEUROENDOCRINE IMPACTS OF BISPHENOL A EXPOSURE IN SEASONAL RODENTS	10:00 - 10:00
	<i>Poster Presenter:</i> Valerie Simonneaux, FR	
P2.136	WHOLE BRAIN MAPPING OF ACTIVITY DURING SLEEP AND WAKEFULNESS USING TRAP MICE AND IMPROVED DOUBLE FLUORESCENCE METHOD AND AUTOMATIC COUNTING	10:00 - 10:00
	<i>Poster Presenter:</i> Renato Maciel, FR	
P2.137	NEURONAL BASES OF MECHANISMS UNDERLYING SOCIAL FEAR OBSERVATION	10:00 - 10:00
	<i>Poster Presenter:</i> Prabahan Chakraborty, FR	
P2.138	MAPPING OF THE NEURONAL POPULATIONS ACTIVE DURING WAKING AND PARADOXICAL (REM) SLEEP IN THE LATERAL HYPOTHALAMUS: A STUDY USING THE TRAP2 TRANSGENIC MICE	10:00 - 10:00
	<i>Poster Presenter:</i> Amarine Chancel, FR	
	6: Cognitive, affective and behavioral neuroscience, neuroethology	10:00 - 10:00
P2.171	<u>HOW SUBJECTIVE IDEA VALUATION ENERGIZES AND GUIDES CREATIVE IDEA GENERATION</u>	10:00 - 10:00
	<i>Poster Presenter:</i> Alizée Lopez-Persem, FR	
P2.142	DOWNREGULATION OF MICROGLIA GENES EXPRESSION IN BRAIN AND ABNORMAL PERIPHERAL EXPRESSION IN SCHIZOPHRENIA.	10:00 - 10:00
	<i>Poster Presenter:</i> Anna Fiorito, FR	
P2.143	SHARING AN OPEN STIMULATION SYSTEM FOR AUDITORY EEG EXPERIMENTS USING PYTHON, RASBERRYPI AND HIFIBERRY.	10:00 - 10:00
	<i>Poster Presenter:</i> Alexandra Corneyllie, FR	
P2.144	HIPPOCAMPAL ACTIVITY AND OFFLINE REACTIVATION IN A MOUSE MODEL OF AUTISM	10:00 - 10:00
	<i>Poster Presenter:</i> Rachel Carayon, FR	
P2.145	THE NEUROPHYSIOLOGICAL BASIS OF LEARNING TO LEARN IN MACAQUE MONKEYS	10:00 - 10:00
	<i>Poster Presenter:</i> Marion Ducret, FR	
P2.146	CONTROL OF MOTIVATED REWARD AND AVERSION BEHAVIORS BY THE LATERODORSAL TEGMENTAL NUCLEUS	10:00 - 10:00
	<i>Poster Presenter:</i> Lea Royon, FR	
P2.147	ROLE OF MAP6D1 PROTEIN IN BRAIN PHYSIOLOGY	10:00 - 10:00

	<i>Poster Presenter:</i> Juliette Wu, FR	
P2.148	A PLACE WITH A VIEW: A CONTINUOUS ORGANIZATION OF SPACE THROUGH SACCADDES AND FIXATIONS FROM PRIMATE POSTERIOR PARIETAL CORTEX TO HIPPOCAMPUS	10:00 - 10:00
	<i>Poster Presenter:</i> Marie Vericel, FR	
P2.149	MECHANISMS OF VULNERABILITY TO ALCOHOL USE DISORDERS INDUCED BY A SINGLE NUCLEOTIDE POLYMORPHISM OF THE GENE ENCODING THE ALPHA5 NICOTINIC RECEPTOR SUBUNIT	10:00 - 10:00
	<i>Poster Presenter:</i> Léa Tochon, FR	
P2.150	ANTERIOR STRIATUM ENCODES APPETITIVE AND AVERSIVE VALUES AND THE DISTURBANCE OF ITS GABAERGIC TRANSMISSION CAN PRODUCE LOSS OF REWARD MOTIVATION AND ANXIETY-RELATED BEHAVIORS.	10:00 - 10:00
	<i>Poster Presenter:</i> Dorian Le Quilleuc, FR	
P2.151	CLOSED-LOOP RECRUITMENT OF STRIATAL PARVALBUMIN INTERNEURONS PREVENTS THE ONSET OF COMPULSIVE BEHAVIOURS	10:00 - 10:00
	<i>Poster Presenter:</i> Christiane Schreiweis, FR	
P2.152	CHARACTERIZATION OF SPATIAL WORKING MEMORY IN ADULT AND AGED MICE.	10:00 - 10:00
	<i>Poster Presenter:</i> Jothini John-Vyani-Rajalingam, FR	
P2.153	OVERLAPS BETWEEN AUTISM AND SCHIZOPHRENIA: EVIDENCE FROM ATTACHMENT AND MENTALIZING	10:00 - 10:00
	<i>Poster Presenter:</i> Dániel Tibor Sörnyei, HU	
P2.154	STUDY OF THE NEUROCOGNITIVE BASES OF IDEA VALUATION DURING CREATIVITY	10:00 - 10:00
	<i>Poster Presenter:</i> Sarah Moreno Rodriguez, FR	
P2.155	INTERNAL ATTENTION: FROM UNDERLYING MECHANISMS TO REVISED TAXONOMY	10:00 - 10:00
	<i>Poster Presenter:</i> Anthony Clement, FR	
P2.156	THE SB-258585, A 5-HT₆ ANTAGONIST THAT BLOCKS SEROTONIN TRANSMISSION IN STRIATUM CAN INDUCE A LOSS OF FOOD MOTIVATION AND BEHAVIOURAL DISTURBANCES IN NON-HUMAN PRIMATE.	10:00 - 10:00
	<i>Poster Presenter:</i> Mathilde Pitoy, FR	
P2.157	FMRI NEUROFEEDBACK TRAINING ON SPATIAL VISUAL ATTENTION INDUCES CHANGES IN INTRINSIC FUNCTIONAL NETWORKS AND ATTENTIONAL BEHAVIOURAL PERFORMANCE	10:00 - 10:00
	<i>Poster Presenter:</i> Souhir Dali, FR	
P2.158	DEEP BRAIN STIMULATION OF THE SUBTHALAMIC NUCLEUS REDUCED ADDICTION-LIKE ALCOHOL USE AND SUPPRESSED THE EFFECT OF THE PEER'S PRESENCE	10:00 - 10:00
	<i>Poster Presenter:</i> Lucie Vignal, FR	
P2.159	DIFFERENTIAL CODING OF ABSOLUTE AND RELATIVE AVERSIVE VALUE IN THE DROSOPHILA.	10:00 - 10:00

P2.160	THE EFFECT OF OXYTOCIN ON INTERNALLY AND EXTERNALLY DRIVEN SENSATIONS <i>Poster Presenter:</i> Yulong Huang, FR	10:00 - 10:00
P2.161	ORBITO FRONTAL AND ANTERIOR CINGULATE CORTICES DIFFERENTIALLY MODULATE GENERATION AND EVALUATION OF TIME INTERVALS <i>Poster Presenter:</i> Léa Le Barillier, PL	10:00 - 10:00
P2.162	BEHAVIOURAL CHARACTERISTICS AND SEX DIFFERENCES OF A TREATMENT RESISTANT DEPRESSION MODEL: CHRONIC MILD STRESS IN THE WISTAR-KYOTO RAT <i>Poster Presenter:</i> Vincent Loizeau, FR	10:00 - 10:00
P2.163	EVIDENCE OF A RELATIONSHIP BETWEEN ATTENTIONAL BIAS FOR EMOTIONAL FACES AND DEPRESSION SEVERITY: AN EYE TRACKING STUDY <i>Poster Presenter:</i> Laetitia Imbert, FR	10:00 - 10:00
P2.164	DISTINCT ROLES PLAYED BY DOPAMINE AND SEROTONIN SYSTEMS IN APPROACH-AVOIDANCE BEHAVIOR: A PHARMACOLOGICAL STUDY ASSOCIATED WITH PET IMAGING IN NON-HUMAN PRIMATE <i>Poster Presenter:</i> Lisa Gauthier, FR	10:00 - 10:00
P2.165	BEHAVIORAL CHARACTERIZATION OF A RAT MODEL OF COGNITIVE RESILIENCE IN THE FIELD OF ALZHEIMER'S DISEASE <i>Poster Presenter:</i> Lucas Gephine, FR	10:00 - 10:00
P2.166	VOLITIONAL INHIBITORY AND EXCITATORY RESPIRATORY CONTROL STUDIED WITH INTRACRANIAL EEG <i>Poster Presenter:</i> Jules Granget, FR	10:00 - 10:00
P2.167	CHARACTERIZATION OF A NEW MODEL OF AUTOSOMAL RECESSIVE CEREBELLAR ATAXIA TYPE2 <i>Poster Presenter:</i> Débora Gonçalves, FR	10:00 - 10:00
P2.168	GAZE PATTERNS AND BRAIN ACTIVATIONS IN HUMANS AND MARMOSETS IN THE FRITH-HAPPÉ THEORY-OF-MIND ANIMATION TASK <i>Poster Presenter:</i> Audrey Dureux, CA	10:00 - 10:00
P2.169	DISSOCIATION BETWEEN OBSERVATIONAL LEARNING AND SOCIAL COMPARISON NEURAL SIGNALS <i>Poster Presenter:</i> Nadège Bault, GB	10:00 - 10:00
P2.170	DEVELOPMENT OF PLACE CELLS ACTIVITY IN JUVENILE MICE NAVIGATING A VIRTUAL ENVIRONMENT WITH HETEROGENOUS DISTRIBUTION OF EXTERNAL VISUAL CUES <i>Poster Presenter:</i> Vinca Suire, FR	10:00 - 10:00
P2.172	CELLULAR DETERMINANT OF NEGATIVE REINFORCEMENT IN OPIOID ADDICTION <i>Poster Presenter:</i> Fabrice Chaudun, CH	10:00 - 10:00
P2.173	FUNCTIONAL PARCELLATION OF THE COMMON	10:00 - 10:00

	MARMOSSET'S CEREBRAL CORTEX WITH MOVIE-DRIVEN ULTRA-HIGH FIELD FMRI	
	<i>Poster Presenter:</i> Alessandro Zanini, CA	
P2.174	NORADRENERGIC MODULATION OF OLFACTORY LEARNING IN THE NEWBORN RABBIT	10:00 - 10:00
	<i>Poster Presenter:</i> Eva-Gunnel Ducourneau, FR	
P2.175	USING NON-INVASIVE BRAIN STIMULATION TO INVESTIGATE BRAIN MECHANISMS OF SOURCE MONITORING: A SYSTEMATIC REVIEW	10:00 - 10:00
	<i>Poster Presenter:</i> Mélanie Perret, FR	
P2.176	AN OPEN-SOURCE RECORDING SYSTEM FOR THE DETECTION OF RATS' ULTRASOUND VOCALISATIONS	10:00 - 10:00
	<i>Poster Presenter:</i> Romain Bourdy, FR	
P2.177	BEHAVIORAL DETERMINANTS OF NEURAL NETWORK DYNAMICS AND STRATEGY SWITCHING IN MONKEY FRONTAL CORTEX	10:00 - 10:00
	<i>Poster Presenter:</i> Zsombor Ungvárszki, FR	
P2.178	CDAAM1 IS A NEW MOLECULAR TOOL TO STUDY PCP SIGNALING AND MODULATE PATTERN SEPARATION AND PATTERN COMPLETION IN MICE, USING INNOVATIVE BEHAVIORAL PARADIGMS LIKE A TOUCHSCREEN-BASED MEMORY ASSESSMENT	10:00 - 10:00
	<i>Poster Presenter:</i> Eloïse Daniel, FR	
P2.179	ALTERED DYNAMICS OF VISUOMOTOR SEQUENCE LEARNING IN MIGRAINE	10:00 - 10:00
	<i>Poster Presenter:</i> Laura Szücs-Bencze, HU	
P2.180	EXTERNALIZATION OF SOUND SOURCES IN SCHIZOPHRENIA	10:00 - 10:00
	<i>Poster Presenter:</i> Laure Fivel, FR	
P2.181	PREFRONTAL NETWORK DYNAMICS IN VALENCE-BASED MODULATION OF DECISION MAKING	10:00 - 10:00
	<i>Poster Presenter:</i> Anass El Azraoui, FR	
P2.182	ACCURACY IN SELF-MONITORING OF TEMPORAL ERRORS IN HUMANS AND RODENTS.	10:00 - 10:00
	<i>Poster Presenter:</i> Sena Nur Bilgin, PL	
P2.183	RHYTHMIC PRIMING EFFECTS ON GRAMMATICAL ERROR DETECTION IN SECOND LANGUAGE LEARNERS OF FRENCH	10:00 - 10:00
	<i>Poster Presenter:</i> Julie Camici, FR	
P2.184	NEURAL BASES OF STRESS-INDUCED ENHANCEMENT OF MEMORY CONSOLIDATION DURING SLEEP	10:00 - 10:00
	<i>Poster Presenter:</i> Eléonore Pronier, FR	
P2.185	ASSESSING SLEEP-WAKE CYCLES IN POST-COMATOSE PATIENTS USING ACTIMETRY	10:00 - 10:00
	<i>Poster Presenter:</i> Hugo Ratelade, FR	
P2.186	PARALLEL ABSOLUTE AND RELATIVE CODES FOR TIME IN THE STRIATUM, AND CONTEXT-DEPENDENT RETIMING	10:00 - 10:00

IN THE HIPPOCAMPUS*Poster Presenter:* Felipe Rolando, FR

- P2.187 **CIRCULATING TRIGLYCERIDES SCALE THE ACTIVITY AND FUNCTIONS OF THE DOPAMINE REWARD SYSTEM DEPENDING ON METABOLIC STATES.** 10:00 - 10:00

Poster Presenter: Guangping Li, FR

- P2.188 **THE ROLE OF MELATONIN AND ITS RECEPTORS ON HABITUATION LEARNING IN LARVAL ZEBRAFISH** 10:00 - 10:00

Poster Presenter: Dominique Baas, FR

- P2.189 **CEREBELLAR CONTROL OF A UNITARY SENSE OF DIRECTION** 10:00 - 10:00

Poster Presenter: Mehdi Fallahnezhad, FR

- P2.190 **INTRODUCING AN EYE-TRACKER IN INTENSIVE CARE TO ASSESS GAZE SOCIAL STIMULI DURING DISORDERS OF CONSCIOUSNESS** 10:00 - 10:00

Poster Presenter: Anthony Clerc, FR

- P2.191 **THE INFLUENCE OF THE PRESENCE OF A PEER ON CONTROL OF INHIBITION IN COCAINE USERS AND ITS NEUROBIOLOGICAL SUBSTRATE** 10:00 - 10:00

Poster Presenter: Damiano Terenzi, FR

- 7: Theoretical and computational neuroscience** 10:00 - 10:00

- P2.200 **THE FORMATION OF STARS IN THE LINKING GAME IS AN EMERGENT PROPERTY** 10:00 - 10:00

Poster Presenter: Hicham Dahmou, FR

- P2.201 **COOPERATIVE AND ADVERSARIAL WORLDS IN ACTIVE INFERENCE** 10:00 - 10:00

Poster Presenter: Mateus Joffily, FR

- P2.202 **MEAN-FIELD APPROXIMATION OF BIOPHYSICAL NEURONAL NETWORK TO CAPTURE HEALTHY AND PATHOLOGICAL DYNAMICS** 10:00 - 10:00

Poster Presenter: Giovanni Rabuffo, FR

- P2.203 **MODEL OF NEURONAL EXCITABILITY CONSIDERING IONIC DYNAMICS** 10:00 - 10:00

Poster Presenter: Damien Depannemaecker, FR

- P2.204 **NEW AUTOMATED PIPELINE FOR THE CHARACTERIZATION AND DESCRIPTION OF MICROGLIAL MORPHOLOGY.** 10:00 - 10:00

Poster Presenter: Sarah Benkeder, FR

- P2.205 **THE ROLE OF ONSET LOCATION AND EDGE RESECTION IN EPILEPTIC SEIZURE PROPAGATION IN MICE BRAIN: A COMPUTATIONAL STUDY** 10:00 - 10:00

Poster Presenter: Juliette Courson, FR

- P2.206 **COMMUNICATING WITH LIVING NEURONS USING A NEXT-GENERATION BIDIRECTIONAL NEUROBIOHYBRID INTERFACE WITH OPTIMIZED ENERGY EFFICIENCY.** 10:00 - 10:00

Poster Presenter: Nathan Schoonjans, FR

P2.207	STRUCTURED FLOWS ON MANIFOLDS IN SLEEP DURING THE DAY AND NIGHT CYCLE <i>Poster Presenter:</i> Jiaxin Lyu, FR	10:00 - 10:00
P2.208	SELF-EFFICACY AND MOTIVATION: CONFIDENCE CONTROLS EFFORT <i>Poster Presenter:</i> William Hopper, FR	10:00 - 10:00
P2.209	A NOVEL MINIMALLY INVASIVE MICRO-ENDOSCOPE TO IMAGE NEURONAL ACTIVITY IN FREELY-BEHAVING MICE <i>Poster Presenter:</i> Caio V. RIMOLI, FR	10:00 - 10:00

Symposium

11:00 - 13:00

R1

S15 - Spreading in neurodegenerative diseases: from physiopathological mechanisms to clinical applications*Chair:* Mounia Chami, FR

S15.1	Alpha-synuclein and Tau aggregates structure-pathology relationship in diverse synucleinopathies and tauopathies <i>Speaker:</i> Nolwen Rey, FR	11:00 - 11:00
S15.2	Complexity of tau spreading among tauopathies: from cell mechanisms to therapeutic strategies <i>Speaker:</i> Morvane Colin, FR	11:00 - 11:00
S15.3	APP-CTF oligomerization and exosomal spreading in Alzheimer's disease models <i>Speaker:</i> Inger Lauritzen, FR	11:00 - 11:00
S15.4	Role of tunneling nanotubes in the spreading of amyloid proteins in neurodegenerative diseases <i>Speaker:</i> Chiara Zurzolo, FR	11:00 - 11:00
S15.5	Unravelling The Cell Specific Function Of P2X4 Receptor In Als Pathogenesis And Its Potential Use As A Biomarker <i>Oral Presenter:</i> Sara Carracedo, FR	11:00 - 11:00

Symposium

11:00 - 13:00

R2

S16 - Circuit mechanisms in maladaptive emotional responses*Chair:* Sebastian Fernandez, FR*Chair:* Bianca Silva, IT

S16.1	Neural circuits of stress eating <i>Speaker:</i> Frank Meye, NL	11:00 - 11:00
S16.2	Brain circuits for fear attenuation <i>Speaker:</i> Bianca Silva, IT	11:00 - 11:00
S16.3	Insula circuits of emotional valence and anxiety <i>Speaker:</i> Anna Beyeler, FR	11:00 - 11:00
S16.4	Amygdala synaptic mechanisms of heightened anxiety <i>Speaker:</i> Sebastian Fernandez, FR	11:00 - 11:00
S16.5	Early Life Adversity Alters The Neural And Behavioral Response To Odor Hedonics	11:00 - 11:00

Oral Presenter: Anna Athanassi, FR

Symposium

11:00 - 13:00

R3

S17 - Homeostatic/allostatic and intrinsic origin of reward and motivation

Chair: Liane Schmidt, FR

Chair: Boris Gutkin, FR

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| S17.1 | Taste matters: Neurocognitive mechanisms of expectancy-based placebo effects on hunger and dietary decision-making
<i>Speaker:</i> Liane Schmidt, FR | 11:00 - 11:00 |
| S17.2 | A brain marker for food and drug craving
<i>Speaker:</i> Leonie Koban, FR | 11:00 - 11:00 |
| S17.3 | Rethinking reward in psychiatry: interoceptive and allostatic contributions to mood and motivation
<i>Speaker:</i> Lilian Weber, GB | 11:00 - 11:00 |
| S17.4 | The homeostatic/allostatic and intrinsic origin of reward and motivation
<i>Speaker:</i> Boris Gutkin, FR | 11:00 - 11:00 |
| S17.5 | General Mechanisms Of Task Engagement In The Primate Frontal Cortex
<i>Oral Presenter:</i> Jan Grohn, GB | 11:00 - 11:00 |

Symposium

11:00 - 13:00

R7

S18 - Single domain antibodies as novel therapeutic agents for brain diseases

Chair: Philippe Rondard, FR

Chair: Julie Le Merrer, FR

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| S18.1 | Targeting brain orphan receptors with nanobodies for therapeutic benefits
<i>Speaker:</i> Kirill Martemyanov, US | 11:00 - 11:00 |
| S18.2 | An adenosine A2A receptor-targeting nanobody relieves autistic-like behavior in mice
<i>Speaker:</i> Julie Le Merrer, FR | 11:00 - 11:00 |
| S18.3 | A metabotropic glutamate mGlu2 receptor nanobody rescues behavioral deficits in pre-clinical models of schizophrenia
<i>Speaker:</i> Philippe Rondard, FR | 11:00 - 11:00 |
| S18.4 | Nanobodies to cross the blood-brain barrier
<i>Speaker:</i> Maarten Dewilde, FR | 11:00 - 11:00 |
| S18.5 | Single Domain Antibodies As Pharmacological Modulators Of Metabotropic Glutamate Receptor 5
<i>Oral Presenter:</i> Léo Pion, FR | 11:00 - 11:00 |

Symposium

11:00 - 13:00

R6

S19 - New insights about body representation across typical and atypical development

Chair: Alice Gomez, FR

Chair: Christine Assaïante, FR

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| S19.1 | Body representation and internal model of action in children with and without learning disorders
<i>Speaker:</i> Fabien Cignetti, FR | 11:00 - 11:00 |
| S19.2 | Typical and atypical development of sensorimotor maps
<i>Speaker:</i> Dollyane Muret, GB | 11:00 - 11:00 |
| S19.3 | Typical and atypical plasticity of body representations: insights from tool use
<i>Speaker:</i> Marie Martel, FR | 11:00 - 11:00 |
| S19.4 | Body representations in typical and atypical motor development and new insights toward classroom interventions
<i>Speaker:</i> Thomas Gauduel, FR | 11:00 - 11:00 |
| S19.5 | Characterizing The Dynamics Of Somatosensory Evoked Responses In Preterm Infants : Insights Into Early Body Representations
<i>Oral Presenter:</i> Parvaneh Adibpour, FR | 11:00 - 11:00 |

Symposium

11:00 - 13:00

R4

S20 - Preclinical and clinical expertise to tackle addictive behaviors in our modern societies

Chair: Katia Befort, FR

Chair: Dominique Massotte, FR

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| S20.1 | The choice to eat junk food, and how this affects the brain's control on feeding
<i>Speaker:</i> Susanne La Fleur, NL | 11:00 - 11:00 |
| S20.2 | Preclinical models of binge eating behaviour: focus on the interaction between cannabinoid and opioid system genes
<i>Speaker:</i> Claudio D'Addario, IT | 11:00 - 11:00 |
| S20.3 | Gambling disorder : future prevention and treatment strategies
<i>Speaker:</i> Amandine Luquiens, FR | 11:00 - 11:00 |
| S20.4 | New tools to probe addiction related circuits: highlighting an habenular network implicated in stress-induced reinstatement
<i>Speaker:</i> Victor Mathis, FR | 11:00 - 11:00 |
| S20.5 | Nicotine Reinforcement Is Triggered By Interplay Between Reward And Aversion Circuits
<i>Oral Presenter:</i> Joachim Jehl, FR | 11:00 - 11:00 |

Symposium

11:00 - 13:00

R5

S21 - Speech processing: interactions between language and temporal predictions

Chair: Anne Kosem, FR

S21.1	Probabilistic temporal predictions in audition and speech <i>Speaker:</i> Anne Kosem, FR	11:00 - 11:00
S21.2	Is Speech Special? Evidence from Neural Entrainment <i>Speaker:</i> Benedikt Zoefel, FR	11:00 - 11:00
S21.3	What and when interactions during speech tracking <i>Speaker:</i> Sanne Ten Oever, NL	11:00 - 11:00
S21.4	Tracking emergent rhythmic structure in speech and music <i>Speaker:</i> Sonja Kotz, NL	11:00 - 11:00

Special Session

13:15 - 14:45

R3

SP04 - Innovative models for the study of complex biological questions

SP04.1	Abnormal circuit connectivity impairs neural decoding and behavior in a mecp2-mutant zebrafish <i>Speaker:</i> German Sumbre, FR	13:15 - 13:15
SP04.2	Combining human brain organoids and zebrafish models to decipher the physiopathology of rare RNU4ATAC-associated microcephaly syndromes <i>Speaker:</i> Marion Delous, FR	13:15 - 13:15
SP04.3	Beyond organoids : approaching the human nervous system with embryoids <i>Speaker:</i> Stéphane Nedelec, FR	13:15 - 13:15
SP04.4	Combining ex vivo organotypic culture approaches and cerebral organoids for the study of normal and pathological cortical development <i>Speaker:</i> Florence Wianny, FR	13:15 - 13:15

Special Session

13:15 - 14:45

R6

SP05 - Green lab: from environmental impact of research activities to solutions - Organized by the Young Researchers' office*Special Session*

13:15 - 14:45

R4

SP06 - NeuroGastronomy: how multisensory context impacts tasting experience?

SP06.1	The role of atmospherics on food experience: how contextual cues influence food perception and behaviour <i>Speaker:</i> Adriana Gali-anes Plaza, FR	13:15 - 13:15
SP06.2	Cross-modal interactions in food: the effects of color, shape and sound in tasting <i>Speaker:</i> Anne-Lise Saive, FR	13:15 - 13:15
SP06.3	Food beyond the mouth : how the brain integration of internal states influences food experience <i>Speaker:</i> Gabriel Lepousez, FR	13:15 - 13:15
SP06.4	The odor component of food and beverages transcends taste: sensory and neurobiological approaches of	13:15 - 13:15

chemosensory interactions*Speaker:* Thierry Thomas-Danguin, FR*Symposium*

15:30 - 17:30

R1

S22 - Mitochondria and brain cells plasticity in neurodegenerative diseases*Chair:* Kevin Richetin, CH*Chair:* Pascale Belenguer, FR

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| S22.1 | Mitochondrial OPA1 deficiency causes reversible defects in adult neurogenesis-associated spatial memory in mice
<i>Speaker:</i> Marie-Christine Miquel, FR | 15:30 - 15:30 |
| S22.2 | Transcriptional response to oxidative stress in neurodegenerative/inflammatory diseases
<i>Speaker:</i> Marion Szelechowski, FR | 15:30 - 15:30 |
| S22.3 | Extracellular vesicles, mitochondria and astrocytes
<i>Speaker:</i> Kevin Richetin, CH | 15:30 - 15:30 |
| S22.4 | Neurodegenerative diseases: sex differences, metabolic reprogramming and therapeutic strategies
<i>Speaker:</i> Amandine Grimm, CH | 15:30 - 15:30 |
| S22.5 | Er Stress Adaptive Response Is Impaired By Toxic Proteins In Neurodegeneration
<i>Oral Presenter:</i> Federica Pilotto, FR | 15:30 - 15:30 |

Symposium

15:30 - 17:30

R2

S23 - Behavioral and neurophysiological markers of the integrated computations of decision and action*Chair:* David Thura, FR

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|-------|---|---------------|
| S23.1 | Role of the primary motor cortex in effort-based decision-making
<i>Speaker:</i> Gérard Derosiere, BE | 15:30 - 15:30 |
| S23.2 | The role of the primary motor cortex in adaptive cognitive control
<i>Speaker:</i> Thomas Michelet, FR | 15:30 - 15:30 |
| S23.3 | Impact of movement constraints on decision-making in monkeys and humans
<i>Speaker:</i> Clara Saleri Lunazzi, FR | 15:30 - 15:30 |
| S23.4 | Effort-time tradeoff in foraging rats. Inter-individual differences and role of the dorsal striatum
<i>Speaker:</i> Thomas Morvan, FR | 15:30 - 15:30 |
| S23.5 | Neural Population Dynamics Underlying The Planning Of Multiple Movements In Parallel
<i>Oral Presenter:</i> Nicolas Meirhaeghe, FR | 15:30 - 15:30 |

Symposium

15:30 - 17:30

R3

S24 - Optically controlling endogenous receptors, ion channels and cellular signaling to explore brain functions

Chair: Cyril Goudet, FR

Chair: Alexandre Mouro, FR

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|-------|---|---------------|
| S24.1 | Controlling neuronal activity with light: from individual cells to brain waves
<i>Speaker:</i> Pau Gorostiza, ES | 15:30 - 15:30 |
| S24.2 | Synchronization of neuronal networks and modulation of synaptic plasticity by non-visual opsin variants
<i>Speaker:</i> Stephan Herlitze, DE | 15:30 - 15:30 |
| S24.3 | Interrogation of NMDA receptor diversity using optopharmacology
<i>Speaker:</i> Laetitia Mony, FR | 15:30 - 15:30 |
| S24.4 | Fine-tuning of metabotropic glutamate receptor mGlu5 to block pathological mechanisms in Alzheimer's disease
<i>Speaker:</i> Charleine Zussy, FR | 15:30 - 15:30 |
| S24.5 | Precise Spatio-Temporal Photo-Release Of A Systemically Delivered Caged Nicotinic Agonist In Living Mice
<i>Oral Presenter:</i> Nicolas Guyon, FR | 15:30 - 15:30 |

Symposium

15:30 - 17:30

R7

S25 - Theoretical and computational approaches in neuroscience: Computational modeling of epilepsy

Chair: Huifang Wang, FR

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|-------|---|---------------|
| S25.1 | Diagnosis and Prognosis of Epilepsy: Is normal EEG really normal?
<i>Speaker:</i> John R. Terry, GB | 15:30 - 15:30 |
| S25.2 | Modeling brain stimulation for personalised diagnosis and treatment of refractory epilepsy
<i>Speaker:</i> Borana Dollomaja, FR | 15:30 - 15:30 |
| S25.3 | Neuro-inspired computational models for decoding electrophysiological signals in epilepsy
<i>Speaker:</i> Fabrice Wendling, FR | 15:30 - 15:30 |
| S25.4 | Patient-specific digital neuroscience workflow for epilepsy
<i>Speaker:</i> Huifang Wang, FR | 15:30 - 15:30 |
| S25.5 | A Deep Learning Method For Automated Interictal Spike Detection In Meg Recordings Of Epilepsy Patients
<i>Oral Presenter:</i> Pauline Mouchès, FR | 15:30 - 15:30 |

Symposium

15:30 - 17:30

R6

S26 - Behavioral and brain mechanisms for spatial hearing in naturalistic environments

Chair: Pascal Barone, FR

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| S26.1 | SPHERE, a new tool for evaluation and rehabilitation of spatial hearing | 15:30 - 15:30 |
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	<i>Speaker:</i> Valérie Gaveau, FR	
S26.2	Training spatial hearing skills in cochlear implant users: a multisensory and active listening approach <i>Speaker:</i> Francesco Pavani, IT	15:30 - 15:30
S26.3	Spatial unmasking and hearing impairment: prediction of binaural intelligibility in noise and reverberation <i>Speaker:</i> Mathieu Lavandier, FR	15:30 - 15:30
S26.4	Brain plasticity in unilateral deafness and its rehabilitation <i>Speaker:</i> Pascal Barone, FR	15:30 - 15:30
S26.5	Brain Plasticity And Auditory Spatial Adaptation In Patients With Unilateral Hearing Loss: Evidence From Mismatch Negativity (Mmn) <i>Oral Presenter:</i> Mariam Alzaher, FR	15:30 - 15:30

Symposium

15:30 - 17:30

R4

S27 - The Cognitive Thalamus*Chair:* Mathieu Wolff, FR

S27.1	Contribution of the mediodorsal thalamic nucleus to odor-guided behavior <i>Speaker:</i> Emmanuelle Courtiol, FR	15:30 - 15:30
S27.2	Memory control by the higher-order sensory thalamus <i>Speaker:</i> Belen Pardi, DE	15:30 - 15:30
S27.3	The Reuniens and Rhomboid nuclei : what they do and what they may not do in memory persistence <i>Speaker:</i> Anne H Pereira De Vasconcelos, FR	15:30 - 15:30
S27.4	Is the mediodorsal nucleus of the thalamus involved in memory in humans? <i>Speaker:</i> Emmanuel Barbeau, FR	15:30 - 15:30
S27.5	Role Of Central Thalamus In Disorders Of Consciousness: Insight From A Multimodal Pet-Mr Study In Acute Comatose Patients <i>Oral Presenter:</i> Maude Beaudoin-Gobert, FR	15:30 - 15:30

Symposium

15:30 - 17:30

R5

S28 - Extracellular synaptic scaffolders: shaping synaptic function from the outside*Chair:* Jean-Louis Bessereau, FR

S28.1	Matricryptins, hidden players of functional diversification for extracellular synaptic organizers <i>Speaker:</i> Jean-Louis Bessereau, FR	15:30 - 15:30
S28.2	Specifying the identity of a single synapse type: the climbing fiber/Purkinje cell synapse <i>Speaker:</i> Fekrije Selimi, FR	15:30 - 15:30
S28.3	Cell-surface interactions and downstream signaling pathways in regulating excitatory synapse development	15:30 - 15:30

	<i>Speaker:</i> Joris De Wit, BE	
S28.4	Trans-synaptic interactions of ionotropic glutamate receptors in synaptic development <i>Speaker:</i> Cécile Charrier, FR	15:30 - 15:30
S28.5	A Synaptic Analysis Reveals Dopamine Hub Synapses In The Mouse Striatum <i>Oral Presenter:</i> Vincent Paget-Blanc, FR	15:30 - 15:30
<i>Ceremony</i>		
17:30 - 18:30		R1
C02 - General Assembly & Awards Ceremony		
<i>Alfred Fessard Lecture</i>		
18:30 - 19:30		R1
PL06 - The neuroendocrine key to the brain aging enigma		
PL06.1	Lecture <i>Speaker:</i> Vincent Prevot, FR	18:30 - 19:30

Friday, 26. May 2023*Plenary Lecture*

09:00 - 09:30

R1

PL07 - Problem solving in slime molds

PL07.1

Lecture

09:00 - 09:30

Speaker: Audrey Dussutour, FR*Plenary Lecture*

09:30 - 10:00

R1

PL08 - Immune dysfunction in psychotic disorders

PL08.1

Lecture

09:30 - 10:00

Speaker: Marion Leboyer, FR*Poster Session*

10:00 - 15:30

R8

PS03 - Posters Presentations**1: Neurodevelopment**

10:00 - 10:00

P3.001

A FUNCTIONAL BRAIN-ON-CHIP DEVICE TO STUDY NEURAL PLASTICITY

10:00 - 10:00

Poster Presenter: Maxime Poinot, FR

P3.002

EFFECTS OF CONGENITAL BLINDNESS ON THE DEVELOPMENT AND PLASTICITY OF THE OLFACTORY SYSTEM: INPUT FROM ODOR-EVOKED SNIFFING AND OPTICAL IMAGING RECORDINGS

10:00 - 10:00

Poster Presenter: Syrina Al Aïn, CA

P3.003

CONTROL OF SYNAPSE FORMATION BY NOVEL EXTRACELLULAR INTERACTIONS IN *CAENORHABDITIS ELEGANS*

10:00 - 10:00

Poster Presenter: Morgane Mialon, FR

P3.004

CONTRALESIONAL BRAIN GROWTH DYNAMICS IN CHILDHOOD AND ADOLESCENCE AFTER A UNILATERAL NEONATAL STROKE : A LONGITUDINAL MRI STUDY.

10:00 - 10:00

Poster Presenter: Pierre-Yves Postic, FR

P3.005

INVESTIGATING THE CONTRIBUTION OF LYSOSOMAL DYSFUNCTION TO ABNORMAL CORTICAL DEVELOPMENT IN HEREDITARY SPASTIC PARAPLEGIA SPG11

10:00 - 10:00

Poster Presenter: Dominic Samaroo, FR

P3.006

MODIFIED CLIMBING FIBER/PURKINJE CELL SYNAPTIC CONNECTIVITY IN THE CEREBELLUM OF THE NEONATAL PHENCYCLIDINE MODEL OF SCHIZOPHRENIA

10:00 - 10:00

Poster Presenter: Beetsi Eugenia Urrieta Chavez, FR

P3.007

MATERNAL STRESS AS A VULNERABILITY FACTOR FOR ALCOHOL-INDEED NEUROBEHAVIORAL ADAPTATIONS: FOCUS ON SEX DIFFERENCES

10:00 - 10:00

Poster Presenter: Sara Morley Fletcher, FR

P3.008	<u>THE HERBICIDES GLYPHOSATE, GLUFOSINATE AND THE CYANOTOXIN BMAA INDUCE LONG-TERM MOTOR DISORDERS AFTER POSTNATAL EXPOSURE: THE IMPORTANCE OF A PRIOR ASYMPTOMATIC MATERNAL INFLAMMATORY SENSITIZATION</u> <i>Poster Presenter:</i> Asma Oummadi, FR	10:00 - 10:00
P3.009	DYNAMICS OF AXON GUIDANCE TRANSCRIPTIONAL PROGRAMS DURING THE FORMATION OF ENTERIC NERVOUS CIRCUITS. <i>Poster Presenter:</i> Maëlys Andre, FR	10:00 - 10:00
P3.010	SEROTONINERGIC REGULATION OF BODY AXIS ALIGNMENT IN THE POST EMBRYONIC ZEBRAFISH <i>Poster Presenter:</i> Giulia Messa, FR	10:00 - 10:00
P3.011	RAD51 POLYMERIZATION IS ALTERED IN CONGENITAL MIRROR MOVEMENTS <i>Poster Presenter:</i> Caroline Dubacq, FR	10:00 - 10:00
P3.012	TOWARD THE UNPRECEDENTED DESCRIPTION OF WHITE MATTER INJURIES OF PREMATURE BABIES : EX VIVO 11,7T MR MULTIMODAL IMAGING OF FETAL BRAIN DEVELOPMENT <i>Poster Presenter:</i> Lucas Arcamone, FR	10:00 - 10:00
P3.013	CONSEQUENCES OF NEONATAL MATERNAL SEPARATION ON THE DEVELOPMENT OF SENSORIMOTOR - FUNCTION AND PAIN SENSATION: A COMPARISON BETWEEN WISTAR AND SPRAGUE DAWLEY RAT. <i>Poster Presenter:</i> Yasmine Brik, FR	10:00 - 10:00
P3.014	B-N-METHYL-AMINO-L-ALANINE CYANOTOXIN PROMOTES MODIFICATION OF UNDIFFERENTIATED CELLS POPULATION AND DISRUPTS THE INFLAMMATORY STATUS IN PRIMARY CULTURES OF NEURAL STEM CELLS <i>Poster Presenter:</i> Sarah Méresse, FR	10:00 - 10:00
P3.015	EARLY FUNCTIONS OF ATP1ALPHA3 SUBUNIT IN THE EMBRYONIC SPINAL CORD <i>Poster Presenter:</i> Sophie Calvet, FR	10:00 - 10:00
P3.016	NEURONAL METABOLISM IS ALTERED IN THE 16P11.2DF/+ DELETION SYNDROME. <i>Poster Presenter:</i> Sozerko Yandiev, FR	10:00 - 10:00
P3.017	CHARACTERIZATION OF EARLY BRAIN DEVELOPMENT AND NEOCORTICAL AREA PATTERNING IN A MOUSE MODEL OF HUNTINGTON'S DISEASE. <i>Poster Presenter:</i> Leslie Ratié, FR	10:00 - 10:00
P3.018	A SEMI-AUTOMATED PIPELINE FOR CELL DETECTION AND WHITE MATTER SEGMENTATION IN THE MACAQUE BRAIN <i>Poster Presenter:</i> Nathan Vinçon, FR	10:00 - 10:00
P3.019	GENOTYPE/PHENOTYPE CORRELATION IN PAK3-LINKED NEURODEVELOPMENTAL DISORDERS: PATIENT COHORT STUDY AND MULTI-SCALE ANALYSIS OF A NOVEL KNOCK-IN MODEL REVEAL SEVERAL CATEGORIES OF PAK3 MUTATIONS AND THE MOLECULAR MECHANISM	10:00 - 10:00

UNDERLYING SEVERE CASES*Poster Presenter:* Manon Dobrigna, FR

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| P3.020 | QUANTITATIVE MODELING OF CRE RECOMBINATION IN LOX SITE ARRAYS YIELDS NEW BRAINBOW TRANSGENES FOR NEURONAL LABELING AND CLONAL ANALYSIS
<i>Poster Presenter:</i> Gabriel Kaddour, FR | 10:00 - 10:00 |
| P3.021 | MEMBRANE FUSION IN E. COLI UPON EXPRESSION OF SYNAPTIC SNARES AND CAVEOLIN: A SYNTHETIC BIOLOGY APPROACH TO STUDYING SNARE PROTEIN FUNCTION IN A BACTERIAL HOST
<i>Poster Presenter:</i> Neha Singh, FR | 10:00 - 10:00 |
| P3.022 | GENERATION OF AN INNOVATIVE HUMAN MODEL OF PARKINSON'S DISEASE WITH ASSEMBLED HUMAN BRAIN ORGANIDS
<i>Poster Presenter:</i> Pauline Lachal, FR | 10:00 - 10:00 |
| P3.023 | A PILOT STUDY PROTOCOL: EXAMINE BRAIN FUNCTIONING IN CHILDREN BY COMBINING MOBILE ELECTROENCEPHALOGRAPHIC DEVICES AND GAMIFIED TASKS ON AN UNMODIFIED TOUCH-SCREEN TABLET
<i>Poster Presenter:</i> Théo Marchand, FR | 10:00 - 10:00 |
| P3.024 | ION2: DIRECT TRANSGENESIS OF NEURAL STEM CELLS TO TRACE CELL LINEAGE AND ACCESS GENE FUNCTION
<i>Poster Presenter:</i> Jean Livet, FR | 10:00 - 10:00 |
| P3.025 | INVOLVEMENT OF PARVALBUMIN INTERNEURONS IN STRIATAL DYSFUNCTIONS OF THE CNTNAP2^{-/-} MOUSE MODEL OF AUTISM SPECTRUM DISORDERS
<i>Poster Presenter:</i> Mathieu Thabault, FR | 10:00 - 10:00 |
| P3.026 | THE WARBURG MICRO SYNDROME IS ASSOCIATED TO A MAJOR ALTERATION OF THE AUTOPHAGY PATHWAY IN FETAL BRAIN.
<i>Poster Presenter:</i> Adeline Orts Del'Imagine, FR | 10:00 - 10:00 |
| P3.027 | THE CORE PCP PROTEIN PRICKLE2 REGULATES AXON NUMBER AND AIS MATURATION BY BINDING TO ANKG AND MODULATING MICROTUBULE BUNDLING
<i>Poster Presenter:</i> Jerome Ezan, FR | 10:00 - 10:00 |
| | 2: Neuro-excitability, synapse and glia | 10:00 - 10:00 |
| P3.031 | FUNCTIONAL INTEGRATION OF IDENTIFIED MULTISENSORY SYNAPTIC INPUTS ON GABAERGIC INTERNEURONS IN THE NEOCORTEX.
<i>Poster Presenter:</i> Legeolas Velez, FR | 10:00 - 10:00 |
| P3.032 | REGIONAL AND TIME DIFFERENCE IN K⁺ CLEARANCE IN HIPPOCAMPAL SLICES OF HEALTHY MICE
<i>Poster Presenter:</i> Nariman Kiani, FR | 10:00 - 10:00 |
| P3.033 | BRAIN GLYCOGEN STORE RECRUITMENT ACCELERATES REPOLARIZATION AFTER CORTICAL SPREADING DEPOLARIZATION
<i>Poster Presenter:</i> Shuting Chen, FR | 10:00 - 10:00 |

P3.034	MOLECULAR MECHANISMS OF SPINOGENESIS IN THE CONTEXT OF REWARD-REGULATED LEARNING <i>Poster Presenter:</i> Lisa Huet, FR	10:00 - 10:00
P3.035	HOMEOSTATIC CONTROL OF NEUROMUSCULAR SYNAPTIC TRANSMISSION <i>Poster Presenter:</i> Gilles Ouanounou, FR	10:00 - 10:00
P3.036	MICROGLIA MORPHODYNAMICS REGULATION BY NEURONAL ACTIVITY: A DAYTIME MATTER? <i>Poster Presenter:</i> Kassandre Combet, FR	10:00 - 10:00
P3.037	A NANOBODY ACTIVATING METABOTROPIC GLUTAMATE RECEPTOR 4 DISCRIMINATES BETWEEN HOMO AND HETERODIMERS <i>Poster Presenter:</i> Laurent Prézeau, FR	10:00 - 10:00
P3.038	CREATINE KINASE B PROVIDES THE STARTER ENERGY FOR ENDOSOMAL MOTILITY. <i>Poster Presenter:</i> Myriam Saliba, FR	10:00 - 10:00
P3.039	UNDERSTANDING THE PHASE AMPLITUDE COUPLING - THE BOUND BETWEEN THE INHIBITION/EXCITATION BALANCE <i>Poster Presenter:</i> Alper Er, FR	10:00 - 10:00
P3.040	SEX-DEPENDENT 5-HT₆RS EFFECTS ON HIPPOCAMPAL SYNAPTIC ACTIVITY <i>Poster Presenter:</i> Caroline Lahogue, FR	10:00 - 10:00
P3.041	CHARACTERIZATION OF ASTROCYTE ACTIVITY MODULATION USING FUNCTIONAL NEUROIMAGING <i>Poster Presenter:</i> Mickaël Pereira, FR	10:00 - 10:00
P3.042	DO NEUROTRANSMITTERS REGULATE ASTROCYTE-DERIVED EXTRACELLULAR VESICLE SECRETION AND MIRNA CONTENT? <i>Poster Presenter:</i> Rebecca Hekking, FR	10:00 - 10:00
P3.043	FUNCTIONAL ROLE OF ASTROCYTIC MGLUR5 IN THE REGULATION OF SYNAPTIC TRANSMISSION IN ADULTHOOD <i>Poster Presenter:</i> Aude Panatier, FR	10:00 - 10:00
P3.044	ASSESSMENT OF IN VITRO HUMAN NEUROMUSCULAR JUNCTION FUNCTIONALITY USING A CUSTOM MICRO ELECTRODE ARRAY (MEA) PLATFORM FOR THE STUDY OF SPINAL MUSCULAR ATROPHY <i>Poster Presenter:</i> Pauline Duc, FR	10:00 - 10:00
P3.045	MICROGLIA-ASTROCYTE CROSSTALK INCREASES MORPHINE METABOLISM DURING NEUROINFLAMMATION <i>Poster Presenter:</i> Volodya Hovhannisyan, FR	10:00 - 10:00
P3.046	MINIMAL BIOPHYSICAL MODEL OF NEURON-ASTROCYTE INTERACTION <i>Poster Presenter:</i> Aitakin Ezzati, FR	10:00 - 10:00
P3.047	CHARACTERIZATION OF MOUSE SONIC HEDGEHOG WITH	10:00 - 10:00

NEURONAL AND OLIGODENDROGLIAL MARKERS*Poster Presenter:* Mariagiovanna Russo, FR

P3.048	CORRELATION BETWEEN SPIKE AND AHP IS A DETERMINANT OF MITRAL CELL SPIKING IN THE OLFACTORY BULB.	10:00 - 10:00
	<i>Poster Presenter:</i> Corine Amat, FR	
P3.049	ROLE OF COLLAGEN XVIII/CLE-1 IN SYNAPTIC ORGANISATION	10:00 - 10:00
	<i>Poster Presenter:</i> Anaïs Dumas, FR	
P3.050	HUMAN EPIDERMIS INNERVATED WITH HUMAN IPSC-DERIVED SENSORY NEURON IN MICROFLUIDIC DEVICE TO REPLACE ANIMAL MODELS IN DRUG DEVELOPMENT	10:00 - 10:00
	<i>Poster Presenter:</i> Alexandre Guichard, FR	
P3.051	RELATIONSHIPS BETWEEN GRANULE CELL LINEAGES AND FUNCTIONAL SYNAPTIC ORGANIZATION IN THE CEREBELLAR CORTEX	10:00 - 10:00
	<i>Poster Presenter:</i> Frédéric Doussau, FR	
	3: Neurological and psychiatric diseases, experimental therapeutics	10:00 - 10:00
P3.056	DEVELOPMENT OF A PRECLINICAL MODEL OF REM SLEEP BEHAVIOR DISORDER (RBD), A PRODROMAL PARASOMNIA OF PARKINSON'S DISEASE, IN M83 TRANSGENIC MICE	10:00 - 10:00
	<i>Poster Presenter:</i> Sebastien Arthaud, FR	
P3.057	ANTISENSE OLIGONUCLEOTIDE GENERATES A PATHOGENIC CASPASE-RESISTANT HUNTINGTIN ISOFORM WHILE KEEPING HUNTINGTIN NORMAL FUNCTION IN MOUSE	10:00 - 10:00
	<i>Poster Presenter:</i> Sophie Lenoir, FR	
P3.058	EFFECT OF BINGE LIKE SUCROSE INTAKE ON NEUROINFLAMMATORY GENE EXPRESSION IN RATS	10:00 - 10:00
	<i>Poster Presenter:</i> Cécile Hildenbrand, FR	
P3.059	BENEFICIAL EFFECT OF THE ENVIRONMENTAL ENRICHMENT ON TRANSGENIC MOUSE MODEL OF FTD-ALS (FUSOPATHY)	10:00 - 10:00
	<i>Poster Presenter:</i> Anaëlle Burgard, FR	
P3.060	SOCIAL FUNCTIONING DEFICITS IN SCHIZOPHRENIA ARE ASSOCIATED TO ABNORMAL EARLY FRONTAL ACTIVITIES: EVIDENCE BY ERP RECORDINGS WITH A SOCIAL CONTEXT DECISION-MAKING TASK	10:00 - 10:00
	<i>Poster Presenter:</i> Quentin, Eflam Adrian, FR	
P3.061	NEW INSIGHT INTO THE ANTI-INFLAMMATORY PROPERTIES OF LINOLEIC ACID IN A MURINE MODEL OF DIET -INDUCED OBESITY	10:00 - 10:00
	<i>Poster Presenter:</i> Lucas Jantzen, FR	
P3.062	ACUTE AND CHRONIC COCAINE AND NICOTINE CHANGE THE EXPRESSION OF GENES INVOLVED IN CHOLESTEROL HOMEOSTASIS IN THE RAT DORSAL STRIATUM	10:00 - 10:00

	<i>Poster Presenter: Thomas Aupy, FR</i>	
P3.063	IMPORTANCE OF MPFC MOLECULAR CLOCK FUNCTION AND MODULATION FOR THE DEVELOPMENT OF DEPRESSION-LIKE PHENOTYPE AND RAPID ANTIDEPRESSANT RESPONSE <i>Poster Presenter: David Sarrazin, FR</i>	10:00 - 10:00
P3.064	TREATMENT EFFECTS BY PHARMACOPUNCTURE OF AQUILARIAE LIGNUM ON CHRONIC FATIGUE SYNDROME-LIKE SYMPTOMS IN RESERPINE-INDUCED ANIMAL MODEL <i>Poster Presenter: Ji-Hye Song, KR</i>	10:00 - 10:00
P3.065	STUDY ON REGULATING EFFECTS OF ACUPUNCTURE TREATMENT BY VAGUS NERVE IN PAIN AND DEPRESSION COMORBIDITY MOUSE MODEL <i>Poster Presenter: Keun Hyang Eom, KR</i>	10:00 - 10:00
P3.066	MICROGLIA-ENRICHED HUMAN MIDBRAIN ORGANIDS FOR STUDYING PARKINSON'S DISEASE <i>Poster Presenter: Helena Winterberg, FR</i>	10:00 - 10:00
P3.067	IMPACT OF OLFACTORY FOOD INGREDIENTS IN A CHRONIC STRESS MODEL: STUDY OF THE MECHANISMS OF ACTION AND SEARCH FOR BENEFICIAL CONSEQUENCES ON EMOTIONAL STATE. <i>Poster Presenter: Clémence Viguié, FR</i>	10:00 - 10:00
P3.068	SPATIAL REGULATION OF NEURONAL AUTOPHAGY <i>Poster Presenter: Caroline Liénard, FR</i>	10:00 - 10:00
P3.069	OCCURRENCE OF ABSENCE EPILEPSY SEIZURES AT TRANSITIONS BETWEEN BEHAVIORAL STATES <i>Poster Presenter: Reda El Mahzoum, FR</i>	10:00 - 10:00
P3.070	BR351 IMPROVES CLINICAL SYMPTOMS AND NEUROPATHOLOGICAL MARKERS IN THE SJL/J MOUSE MODEL OF MULTIPLE SCLEROSIS <i>Poster Presenter: Benjamin Anizon, FR</i>	10:00 - 10:00
P3.071	REESTABLISHMENT OF DAMAGED ADULT MOTOR PATHWAYS BY GRAFTED MOTOR CORTICAL NEURONS FROM HUMAN PLURIPOTENT STEM CELLS <i>Poster Presenter: Annousha Devi Govindan, FR</i>	10:00 - 10:00
P3.072	CB2, A RECEPTOR TO TARGET MYELOID CELLS DURING EPILEPTOGENESIS: EVIDENCE FROM STUDIES IN RAT PUPS SUBJECTED TO STATUS EPILEPTICUS <i>Poster Presenter: Laurent Bezin, FR</i>	10:00 - 10:00
P3.073	ACCELERATION OF THE AMYLOID PLAQUE DEPOSITION INDUCED BY EARLY EPILEPTIC SEIZURES: STUDY IN THE TG-F344-AD TRANSGENIC RAT <i>Poster Presenter: Wanda Grabon, FR</i>	10:00 - 10:00
P3.074	THERAPEUTIC ADMINISTRATION OF THE BORNA VIRUS X PROTEIN BY THE VIRAL VECTOR AAV10 IN A MOUSE MODEL OF ALS <i>Poster Presenter: Jéflie Tournezy, FR</i>	10:00 - 10:00

P3.075	ROLE OF NOISE AND VARIABILITY IN ATYPICAL SENSORY INFORMATION PROCESSING IN AUTISM <i>Poster Presenter:</i> Théo Gauvrit, FR	10:00 - 10:00
P3.076	THE ROLE OF LOCUS COERULEUS-NORADRENERGIC SYSTEM IN RESILIENCE FOLLOWING EARLY LIFE STRESS <i>Poster Presenter:</i> Déa Slavova, FR	10:00 - 10:00
P3.077	RELATIONSHIP BETWEEN CEREBRAL SEROTONINERGIC PROFILE AND SSRI EFFICACY IN BULIMIA NERVOSA <i>Poster Presenter:</i> Manel Merabet, FR	10:00 - 10:00
P3.078	ASSOCIATION BETWEEN POLYPHENOL RICH FOOD PATTERN AND NEUROPSYCHIATRIC SYMPTOMS IN TREATMENT-RESISTANT DEPRESSED (TRD) PATIENTS <i>Poster Presenter:</i> Camille Amadieu, FR	10:00 - 10:00
P3.079	DURATION OF SUCROSE BINGEING IMPACTS WELL-BEING AND NEUROINFLAMMATORY PROCESSES IN MICE <i>Poster Presenter:</i> Anne-Sophie Aubry, FR	10:00 - 10:00
P3.080	INVESTIGATING HUNTINGTIN PROTEOLYSIS IN VIVO THROUGH THE DEVELOPMENT AND CHARACTERIZATION OF TIME AND REGION-INDUCIBLE PROTEOLYTIC SYSTEM IN MOUSE. <i>Poster Presenter:</i> Johanna Cormenier, FR	10:00 - 10:00
P3.081	DEVELOPMENT AND CHARACTERIZATION OF RETINAL ORGANOIDs DERIVED FROM HUMAN INDUCED PLURIPOTENT STEM CELLS <i>Poster Presenter:</i> Amaury Pénaguin, FR	10:00 - 10:00
P3.082	CHARACTERIZATION OF MOTOR CORTICAL NEURONS DERIVED FROM HUMAN PLURIPOTENT STEM CELLS USING TISSUE CLEARING AND 3D IMAGING TECHNIQUES <i>Poster Presenter:</i> Antoine Retho, FR	10:00 - 10:00
P3.083	EARLY MICROVASCULAR IMPAIRMENT AND NEUROINFLAMMATION AFTER ANEURYSMAL SUBARACHNOID HEMORRHAGE <i>Poster Presenter:</i> Kévin Chalard, FR	10:00 - 10:00
P3.084	COGNITIVE AND MOLECULAR EFFECTS OF ANTI-AGGREGATIVE TAU OVEREXPRESSION IN MICE MODEL OF TAUOPATHIES <i>Poster Presenter:</i> Enea Parietti, CH	10:00 - 10:00
P3.085	TARGETING GANGLIOSIDE BIOSYNTHESIS AS A THERAPEUTIC OPTION FOR HEREDITARY SPASTIC PARAPLEGIA SPG11 <i>Poster Presenter:</i> Manon Fortier, FR	10:00 - 10:00
P3.086	GAO-3-02 IMPROVES LEARNING AND MEMORY IN THETG2576 MOUSE MODEL OF ALZHEIMER'S DISEASE <i>Poster Presenter:</i> Selena Bodennec, FR	10:00 - 10:00
P3.087	TAU TRANSFER FROM NEURONS TO ASTROCYTES VIA EXTRACELLULAR VESICLES DISTURBS MITOCHONDRIAL FUNCTION <i>Poster Presenter:</i> Valentin Zufferey, CH	10:00 - 10:00

P3.088	INVESTIGATING THE CELLULAR AND MOLECULAR MITOCHONDRIAL STRESS RESPONSE OF HUMAN DOPAMINERGIC NEURONS, WITH A FOCUS ON LONG NON-CODING RNAS <i>Poster Presenter:</i> Jana Heneine, FR	10:00 - 10:00
P3.089	FOXO3 AND THE TRANSCRIPTIONAL RESPONSE TO OXIDATIVE STRESS IN DOPAMINERGIC NEURONS DURING PARKINSON'S DISEASE. <i>Poster Presenter:</i> Baptiste Texier, FR	10:00 - 10:00
P3.090	A PROSPECTIVE COHORT STUDY INVESTIGATING THE RISK OF SUICIDE RE-ATTEMPT IN ADOLESCENTS AND YOUNG ADULTS AFTER A FIRST SUICIDE ATTEMPT <i>Poster Presenter:</i> Nadine Barakat, FR	10:00 - 10:00
P3.091	EXCITATORY/INHIBITORY IMBALANCE IN A TRANSGENIC MOUSE MODEL OF ALZHEIMER'S DISEASE <i>Poster Presenter:</i> Floriane Payet, FR	10:00 - 10:00
P3.092	STUDYING MITOPHAGY IN NEURONAL MODELS OF A-SYNUCLEINOPATHY WITH THE FLUORESCENT MITOROSELLA REPORTER <i>Poster Presenter:</i> Noemi Asfogo, FR	10:00 - 10:00
P3.093	INVOLVEMENT OF OLIGODENDROCYTES IN AMYOTROPHIC LATERAL SCLEROSIS (ALS) AND FRONTOTEMPORAL DEMENTIA (FTD) LINKED TO FUSED IN SARCOMA PROTEIN (FUS). <i>Poster Presenter:</i> Marguerite Jamet, FR	10:00 - 10:00
P3.094	GAO-3-02, AN ENDOCANNABINOID-LIKE COMPOUND, WITH PER OS ANTI-SEIZURE AND PRO-COGNITIVE EFFECTS. IN-SILICO AND EX-SILICO PHYSICO-CHEMICAL PROPERTIES, PHARMACOKINETIC AND BIODISTRIBUTION STUDIES <i>Poster Presenter:</i> Jacques Bodennec, FR	10:00 - 10:00
	4: Integrative, sensory and motor neuroscience	10:00 - 10:00
P3.100	MULTIPLE PATHWAYS FROM RAT CINGULATE CORTEX TO LOCUS-COERULEUS: THE MOSAIC OF CINGULATE SUBREGIONS EVIDENCED BY DISTINCTIVE PUPIL-EVOKED RESPONSES <i>Poster Presenter:</i> Vianney Salvi, FR	10:00 - 10:00
P3.101	CA3 HIPPOCAMPAL SYNAPTIC PLASTICITY SUPPORTS RIPPLE PHYSIOLOGY DURING MEMORY CONSOLIDATION. <i>Poster Presenter:</i> Yann Humeau, FR	10:00 - 10:00
P3.102	GLOBAL DISSOCIATION OF THE POSTERIOR AMYGDALA FROM THE REST OF THE BRAIN DURING REM SLEEP <i>Poster Presenter:</i> Antoine Bergel, FR	10:00 - 10:00
P3.103	IS COVERT ATTENTION POSSIBLE IN CASE OF SEVERE MOTOR PARALYSIS? <i>Poster Presenter:</i> Perrine Seguin, FR	10:00 - 10:00
P3.104	ANATOMICAL AND FUNCTIONAL CHARACTERIZATION OF INHIBITORY VESTIBULO-SPINAL NETWORKS IN THE	10:00 - 10:00

	XENOPUS LAEVIS TADPOLE <i>Poster Presenter: Léandre Lavenue, FR</i>	
P3.105	EXPERIMENTAL AND MODELING EXPLORATION OF A SLOW-WAVE OSCILLATION IN A BRAIN HUB: THE CLAUSTRUM <i>Poster Presenter: Ambre Ledoux, FR</i>	10:00 - 10:00
P3.106	SYNAPTIC ENCODING OF GUSTATORY INFORMATION <i>Poster Presenter: Olga Barba-Vila, FR</i>	10:00 - 10:00
P3.107	DEVELOPMENT OF A COMBINED BREATH-SYNCHRONIZED OLFACTOMETER WITH TRANSCRANIAL MAGNETIC STIMULATION REVEALED CHANGES IN CORTICOSPINAL EXCITABILITY BASED ON ODOR HEDONIC VALUE <i>Poster Presenter: Cecilia Neige, FR</i>	10:00 - 10:00
P3.108	NEURONAL DETERMINANTS OF CONTEXTUAL FEAR GENERALIZATION <i>Poster Presenter: Ha-Rang Kim, FR</i>	10:00 - 10:00
P3.109	ROLE OF HUMAN PULVINAR IN VISUO-TACTILE AND AUDIO-VISUAL INTEGRATION DURING THE PERCEPTION OF SALIENT HUMAN FACES <i>Poster Presenter: Maxime Gaudet-Trafit, FR</i>	10:00 - 10:00
P3.110	PROPRIOCEPTIVE TREATMENT FOR PHANTOM PAIN IN AMPUTEES: AN MRI STUDY <i>Poster Presenter: Anne Kavounoudias, FR</i>	10:00 - 10:00
P3.111	REPRESENTATIONAL CHANGE OF BRAIN PATTERN ACTIVITY DURING SEQUENTIAL LEARNING <i>Poster Presenter: Coumarane Tirou, FR</i>	10:00 - 10:00
P3.112	FEAR CONDITIONING TRIGGERS DIFFERENT OFF-STIMULUS NETWORK DYNAMICS FROM SIMPLE HABITUATION IN THE MOUSE PRIMARY AUDITORY CORTEX <i>Poster Presenter: Anthony Saïd Guy Lourdiane, FR</i>	10:00 - 10:00
P3.113	THE FUNCTIONAL CONNECTIVITY PATTERNS BETWEEN THE INTRAPARIETAL SULCUS AND THE PRIMARY SOMATOSENSORY AREA S1 REVEAL A SPECIFIC SOMATOTOPIC ORGANIZATION IN MACAQUE MONKEYS <i>Poster Presenter: Wei-An Sheng, FR</i>	10:00 - 10:00
P3.114	RECONSTRUCTING VOICE FROM FMRI USING DEEP NEURAL NETWORK <i>Poster Presenter: Charly Lamothe, FR</i>	10:00 - 10:00
P3.115	DECODING ACTIVITY PATTERNS ACROSS PYRAMIDAL CELL DENDRITIC TREES DURING BEHAVIOURS <i>Poster Presenter: Antoine M. Valera, FR</i>	10:00 - 10:00
P3.116	INVOLVEMENT OF POSTERIOR CEREBELLAR MOLECULAR LAYER INTERNEURONS IN REWARD-ORIENTED BEHAVIOR <i>Poster Presenter: Charlotte Lehericy, FR</i>	10:00 - 10:00

P3.117	QUANTIFYING PERIPHERAL MODULATION OF OLFACTION BY TRIGEMINAL AGONISTS <i>Poster Presenter:</i> Federica Genovese, US	10:00 - 10:00
P3.118	FXD2 ANTISENSE OLIGONUCLEOTIDE, A NOVEL APPROACH FOR LONG-LASTING RELIEF OF CHRONIC NEUROPATHIC AND INFLAMMATORY PAIN <i>Poster Presenter:</i> Dounia Maskini, FR	10:00 - 10:00
P3.119	AN AI-BASED APPROACH FOR PLANARIAN BEHAVIOR ANALYSIS <i>Poster Presenter:</i> Quentin Bacquellé, FR	10:00 - 10:00
P3.120	DOPAMINERGIC DYNAMICS DURING RANDOM-LIKE EXPLORATION IN A REWARD-GUIDED DECISION-MAKING GAME FOR MICE <i>Poster Presenter:</i> Maxime Come, FR	10:00 - 10:00
P3.121	NEW BURST DETECTION METHOD REVEALS TASK MODULATION OF BETA BURST WAVEFORM SHAPE <i>Poster Presenter:</i> Maciej Szul, FR	10:00 - 10:00
P3.122	PLANARIANS POSSESS A LIGHT-INDEPENDENT, CIRCADIAN TIME-DEPENDENT MAGNETIC INCLINATION COMPASS <i>Poster Presenter:</i> Herve Cadiou, FR	10:00 - 10:00
P3.123	RETINOTOPIC REPRESENTATION OF POSITION CHANGES WITH STIMULUS HISTORY IN MACAQUE VISUAL CORTEX <i>Poster Presenter:</i> Mohit Srivastava, FR	10:00 - 10:00
P3.124	TRANSLATIONAL MODEL OF NERVE INJURY-ON-CHIP <i>Poster Presenter:</i> Hélène Gautier, FR	10:00 - 10:00
P3.125	IMPACT OF RETINOTOPIC SUBDIVISIONS OF THE VISUAL CORTEX ON THE PRIMATE CORTICAL MATRIX <i>Poster Presenter:</i> Yujie Hou, FR	10:00 - 10:00
P3.126	ACTIVATION OF AIR-STEPPING BY L-DOPA IN SPINAL CORD INJURED NEONATAL RATS. <i>Poster Presenter:</i> Grégory Barrière, FR	10:00 - 10:00
P3.127	NEURONAL ACTIVITY IN MACAQUES' PREMOTOR CORTEX DURING SOCIAL AFFILIATIVE BEHAVIOURS <i>Poster Presenter:</i> Jacopo Baldi, FR	10:00 - 10:00
P3.128	PAST WORD CONTEXT ENABLE BETTER MEG ENCODING PREDICTIONS THAN CURRENT WORD IN LISTENING STORIES <i>Poster Presenter:</i> Xavier Hinaut, FR	10:00 - 10:00
	5: Neuroendocrinology and integrative physiology	10:00 - 10:00
P3.133	GHRH, A FERTILE NEW PATHWAY FOR THE REGULATION OF FOOD INTAKE <i>Poster Presenter:</i> Alicia Sicardi, FR	10:00 - 10:00
P3.134	BIDIRECTIONAL CONTROL OF NEUROVASCULAR COUPLING BY PYRAMIDAL NEURONS <i>Poster Presenter:</i> Esther Belzic, FR	10:00 - 10:00

P3.135	DIABETIC RETINOPATHY IN A STABILIZED COLONY OF THE FAT SAND RAT <i>PSAMMOMYS OBESUS</i> <i>Poster Presenter:</i> Catherine Estay Ahumada, FR	10:00 - 10:00
P3.136	MOLECULAR AND CELLULAR MECHANISMS OF LEPTIN TRANSPORT ACROSS THE TANYCYTES OF MEDIAN EMINENCE <i>Poster Presenter:</i> Bérengère Joffre, FR	10:00 - 10:00
P3.137	MEDIOBASAL HYPOTHALAMIC RESISTIN/TLR4 SIGNALING PATHWAY ORCHESTRATES THE EARLY ONSET OF HYPOTHALAMIC INFLAMMATION AND GLUCOSE INTOLERANCE INDUCED BY HIGH FAT DIET FEEDING. <i>Poster Presenter:</i> Yacir Benomar, FR	10:00 - 10:00
	6: Cognitive, affective and behavioral neuroscience, neuroethology	10:00 - 10:00
P3.142	LAYER AND CELL-TYPE SPECIFICITY OF PERFORMANCE MONITORING IN MONKEY MIDCINGULATE AND LATERAL PREFRONTAL CORTEX DURING ADAPTIVE BEHAVIOUR <i>Poster Presenter:</i> Clément Goussi-Denjean, FR	10:00 - 10:00
P3.143	A ZEBRAFISH MODEL OF AUTOSOMAL RECESSIVE CEREBELLAR ATAXIA 2 FOR DRUG DISCOVERY AND PHENOTYPE PREDICTION <i>Poster Presenter:</i> Abdel Rahman El Hassan, FR	10:00 - 10:00
P3.144	EFFECTS OF MOBILE PHONE RADIOFREQUENCIES (5G) IN HEALTHY AND DEPRESSIVE SUBJECTS: A BEHAVIORAL APPROACH OF ELECTROMAGNETIC HYPERSENSITIVITY (EHS) IN RATS <i>Poster Presenter:</i> Anne H Pereira De Vasconcelos, FR	10:00 - 10:00
P3.145	INVESTIGATING THE BRAIN RHYTHMS SUBSERVING ATTENTION SPOTLIGHT DYNAMICS USING HIGH RESOLUTION MEG <i>Poster Presenter:</i> Maryam Mostafalu, FR	10:00 - 10:00
P3.146	LESIONS WITHIN THE MESOCIRCUIT PREDICT THE EVOLUTION OF PATIENTS WITH DISORDERS OF CONSCIOUSNESS : PRELIMINARY RESULTS FROM A PET-MR STUDY IN INTENSIVE CARE UNIT <i>Poster Presenter:</i> Clémence Bobichon, FR	10:00 - 10:00
P3.147	SOCIAL ACOUSTIC STRUCTURE AND WHISTLE VARIABILITY IN BOTTLENOSE DOLPHINS <i>Poster Presenter:</i> Faadil Mustun, FR	10:00 - 10:00
P3.148	LOCAL AND GLOBAL ENVIRONMENT REWARD STRUCTURE SHAPES EXPLORATION AND EXPLOITATION STRATEGY IN HUMANS AND NON-HUMAN PRIMATES <i>Poster Presenter:</i> Mojtaba Alavi, FR	10:00 - 10:00
P3.149	A NATURAL VARIANT OF THE AUTOPHAGIC RECEPTOR NDP52 AS A NEW TARGET FOR ALZHEIMER'S DISEASE <i>Poster Presenter:</i> Anna Mattioni, IT	10:00 - 10:00
P3.150	SLOW RHYTHMIC FLUCTUATIONS OF ATTENTION FROM CHILDHOOD TO ADULthood	10:00 - 10:00

	<i>Poster Presenter:</i> Camilla Ziane, FR	
P3.151	THE DESIRE TO STAY AT HOME AND ANOSODIAPHORIA OF RISKS ASSOCIATED WITH ALZHEIMER'S DISEASE <i>Poster Presenter:</i> Charline Compagne, FR	10:00 - 10:00
P3.152	MODULATION OF PREFRONTAL CORTEX ACTIVITY BY SOCIAL INFORMATION IN NON-HUMAN PRIMATES: AN ELECTROPHYSIOLOGICAL RECORDING AND FUNCTIONAL ULTRASOUND IMAGING STUDY. <i>Poster Presenter:</i> Julien Claron, FR	10:00 - 10:00
P3.153	SYSTEMIC NORADRENALINE LEVELS MODULATE FUNCTIONAL COUPLING BETWEEN THE PREFRONTAL AND PARIETAL CORTEX: A FUNCTIONAL ULTRA-SOUND IMAGING STUDY IN BEHAVING MACAQUE MONKEY. <i>Poster Presenter:</i> Axel Mouille, FR	10:00 - 10:00
P3.154	NEURAL DYNAMICS UNDERLYING HOMEOSTASIS IN THE BASOLATERAL-AMYGDALA DURING SLEEP <i>Poster Presenter:</i> Billel Khouader, FR	10:00 - 10:00
P3.155	BETA OSCILLATIONS IN MONKEY STRIATUM ENCODE REWARD PREDICTION ERROR SIGNALS <i>Poster Presenter:</i> Ruggero Basanisi, FR	10:00 - 10:00
P3.156	UPDATING THEORIES OF BRAIN SEROTONIN TO FOSTER CLINICAL ADVANCES <i>Poster Presenter:</i> Romain Ligneul, FR	10:00 - 10:00
P3.157	STRUCTURAL CONNECTIVITY OF VOICE SELECTIVE REGIONS: A COMPARATIVE STUDY BETWEEN HUMANS AND MACAQUES <i>Poster Presenter:</i> Mélina Cordeau, FR	10:00 - 10:00
P3.158	CAN DOPAMINE REGULATE EXPLORATION IN A MODEL OF THE RHESUS MONKEY BASAL GANGLIA? <i>Poster Presenter:</i> Benoît Girard, FR	10:00 - 10:00
P3.159	WHAT DRIVES PUPIL-LINKED BRAIN AROUSAL DURING DECISION MAKING- SURPRISE, UNCERTAINTY, OR BOTH? <i>Poster Presenter:</i> Peter Pajkossy, HU	10:00 - 10:00
P3.160	ARE SHEEP REALLY AFRAID OF THE WOLF? <i>Poster Presenter:</i> Inès Achin, FR	10:00 - 10:00
P3.161	HEMISPHERIC ASYMMETRY IN STATISTICAL LEARNING - A NON-INVASIVE BRAIN STIMULATION STUDY <i>Poster Presenter:</i> Orsolya Pesthy, HU	10:00 - 10:00
P3.162	HOW CHILDREN REPRESENT POWER AND GENDER? A STUDY OF GENDER-POWER ASSOCIATION IN SELFISH, EGALITARIAN AND ALTRUISTIC POWER SITUATIONS <i>Poster Presenter:</i> Anna Eve Helmlinger, FR	10:00 - 10:00
P3.163	EFFECTS OF TIME OF DAY AND LIGHT AT NIGHT ON FOOD SENSORY ALLIESTHESIA <i>Poster Presenter:</i> Xi Wang, FR	10:00 - 10:00
P3.164	COMPETITION BETWEEN EXECUTIVE FUNCTIONS AND STATISTICAL LEARNING: EVIDENCE FROM TWO	10:00 - 10:00

INDEPENDENT EXPERIMENTS*Poster Presenter:* Felipe Pedraza, FR

P3.165	SOCIAL AND NON-SOCIAL STIMULI ACROSS SENSORY MODALITIES ACTIVATES NEURONS IN MACAQUE HYPOTHALAMIC NUCLEI ENRICHED IN OXYTOCIN NEURONS	10:00 - 10:00
	<i>Poster Presenter:</i> Antoine Ameloot, FR	
P3.166	ACQUIRING MRI BRAIN IMAGES IN AWAKE UNRESTRAINED SHEEP	10:00 - 10:00
	<i>Poster Presenter:</i> Camille Pluchot, FR	
P3.167	MIND OR BODY: QUANTIFYING TIME KEEPING STRATEGIES IN RATS USING POSE ESTIMATION	10:00 - 10:00
	<i>Poster Presenter:</i> Laetitia Wang, FR	
P3.168	DOES LOW INTENSITY LIGHT AT NIGHT AFFECT HUMAN BODY TEMPERATURE?	10:00 - 10:00
	<i>Poster Presenter:</i> Yanlong Hou, FR	
P3.169	DOES LOW-INTENSITY ARTIFICIAL LIGHT AT NIGHT AFFECT GLUCOSE?	10:00 - 10:00
	<i>Poster Presenter:</i> Ni Tang, FR	
P3.170	IMPACT OF ANESTHESIA ON THE FUNCTIONAL ORGANIZATION OF THE FRONTO-PARIETAL NETWORKS IN MACAQUE.	10:00 - 10:00
	<i>Poster Presenter:</i> Sameer Manickam, FR	
P3.171	SOCIAL MEMORY AND SOCIAL ODOR PREFERENCE ARE DISRUPTED BY ADOLESCENT HIGH-FAT DIET CONSUMPTION THROUGH HIPPOCAMPAL CA2 HYPERACTIVITY.	10:00 - 10:00
	<i>Poster Presenter:</i> Alice Fermigier, FR	
P3.172	INDIVIDUAL MENTAL REPRESENTATION OF DOMINANCE HIERARCHIES IN TONKEAN MACAQUE	10:00 - 10:00
	<i>Poster Presenter:</i> Sebastien Ballesta, FR	
P3.174	PATIENTS WITH DISORDERS OF CONSCIOUSNESS PRESENT A PREFERENTIAL VISUAL EXPLORATION OF FAMILIAR PICTURES	10:00 - 10:00
	<i>Poster Presenter:</i> Juliette Jourlin, FR	
P3.175	THE CEREBELLUM PROMOTES SEQUENTIAL FORAGING STRATEGIES AND CONTRIBUTES TO THE DIRECTIONAL MODULATION OF HIPPOCAMPAL PLACE CELLS	10:00 - 10:00
	<i>Poster Presenter:</i> Laure Rondi-Reig, FR	
P3.176	SEX-DEPENDENT INFLUENCE OF PROLONGED STRESS ON DECISION-MAKING ASSESSED IN A NEW OPERANT MOUSE GAMBLING TASK	10:00 - 10:00
	<i>Poster Presenter:</i> Stéphanie Cramoisy, FR	
P3.177	A GRID-LIKE CODE FOR VALUE-BASED DECISION MAKING	10:00 - 10:00
	<i>Poster Presenter:</i> Mark A Orloff, US	
P3.178	HETEROGENEOUS DEFENSIVE BEHAVIORS REFLECT SOCIAL COMPETITION IN MALE AND FEMALE MICE	10:00 - 10:00

	<i>Poster Presenter:</i> Alexandre Chambard, FR	
P3.179	LONG-TERM IMPACT OF A SEMI-NATURALISTIC LIVING ENVIRONMENT ON RODENT COGNITIVE ABILITIES <i>Poster Presenter:</i> Nadine Ravel, FR	10:00 - 10:00
P3.180	VOCALIZATIONS AND PREFERENCES TESTS AND PRELIMINARY RESULTS FOR SHANK3 KO DELTA11 AND SHANK3 KO DELTA4-22 MICE <i>Poster Presenter:</i> Fabrice de Chaumont, FR	10:00 - 10:00
P3.181	INTERPLAY BETWEEN ULTRASONIC VOCALISATION CHARACTERISTICS AND BEHAVIOURAL CONTEXTS IN FEMALE MICE <i>Poster Presenter:</i> Elodie Ey, FR	10:00 - 10:00
P3.182	DOES THE SYNCHRONIZATION OF SOUNDSCAPES WITH VISCERAL RHYTHMS IMPROVE RELAXATION? <i>Poster Presenter:</i> Ludovic Piret, FR	10:00 - 10:00
P3.183	ENHANCING PRIMATE ACTION RECOGNITION THROUGH A STATE-OF-THE-ART DEEP LEARNING PIPELINE FOR VIDEO ANALYSIS. <i>Poster Presenter:</i> Carlos Andrés Méndez, FR	10:00 - 10:00
P3.184	THE ACTIVITY OF THE SUBTHALAMIC NUCLEUS THROUGH THE DIFFERENT VIGILANCE STAGES IN THE NON-HUMAN PRIMATE <i>Poster Presenter:</i> Nathan Barbe, FR	10:00 - 10:00
P3.185	NEURAL BASES OF POOR EXECUTIVE FUNCTION IN MACAQUES EXPOSED TO EARLY SOCIAL ADVERSITY: A LONGITUDINAL DTI STUDY. <i>Poster Presenter:</i> Alice Massera, FR	10:00 - 10:00
P3.186	MULTI-ELECTRODES RECORDINGS DURING SPONTANEOUS PRODUCTION AND PERCEPTION OF VOCALIZATIONS IN THE RHESUS MACAQUE <i>Poster Presenter:</i> Eloïse Disarbois, FR	10:00 - 10:00
P3.187	PARALLEL AND OPPOSITE DOPAMINE CIRCUIT DYNAMICS IN BEHAVIORAL RESPONSES TO CHRONIC STRESS <i>Poster Presenter:</i> Carole Morel, US	10:00 - 10:00
P3.188	DOPAMINERGIC RECEPTORS D1/D2 RATIO IN THE REWARD SYSTEM IN THE ETHANOL POST-DEPENDENT STATE IN RAT DURING ACUTE WITHDRAWAL <i>Poster Presenter:</i> Catherine Vilpoux, FR	10:00 - 10:00
P3.189	DEEP BRAIN STIMULATION AND DOPAMINE MEDICATION ENHANCE FREE CHOICE PREFERENCE IN PARKINSON'S DISEASE <i>Poster Presenter:</i> David Bendetowicz, FR	10:00 - 10:00
P3.190	LONG-TERM NEAR-CONTINUOUS RECORDING WITH NEUROPIXELS PROBES IN HEALTHY AND EPILEPTIC RATS <i>Poster Presenter:</i> Maëva Ferraris, FR	10:00 - 10:00
P3.191	EFFECT OF ORAL LEVODOPA ON THE INTERPRETATION	10:00 - 10:00

	OF SOCIAL INTERACTIONS IN PEOPLE LIVING WITH PARKINSON'S DISEASE	
	<i>Poster Presenter:</i> Teodor Danaila, FR	
P3.192	A PRELIMINARY STUDY OF MULTIDIMENSIONAL RELATIONSHIPS BETWEEN EMOTIONAL REGULATION, GRIT, MOTIVATION AND ACADEMIC PATH IN CHILDREN AND ADOLESCENTS AGED 3 TO 20 YEARS	10:00 - 10:00
	<i>Poster Presenter:</i> Mouna Chebli, FR	
	7: Theoretical and computational neuroscience	10:00 - 10:00
P3.200	EBRAINS / EBRAINS-FRANCE: A DIGITAL INFRASTRUCTURE TO ENABLE AND SUPPORT RESEARCH ON BRAIN FUNCTIONS AND DISEASES.	10:00 - 10:00
	<i>Poster Presenter:</i> Philippe Vernier, FR	
P3.201	EXPLORING THE EFFECT OF EXCITATION AND INHIBITION ON SELF-ORGANIZED CRITICALITY IN THE ZEBRAFISH BRAIN	10:00 - 10:00
	<i>Poster Presenter:</i> Maxime Janbon, FR	
P3.202	DOES PREDICTIVE CODING HELP TO BETTER UNDERSTAND THE MISMATCH NEGATIVITY?	10:00 - 10:00
	<i>Poster Presenter:</i> Françoise Lecaigard, FR	
P3.203	NEURONAL TRIGGERS OF NEURAL STATE TRANSITIONS IN MONKEY FRONTAL CORTEX DURING FLEXIBLE BEHAVIOR	10:00 - 10:00
	<i>Poster Presenter:</i> Erik Németh, FR	
P3.204	INFERRING THE MECHANISMS OF RESTING-STATE NETWORK RECONFIGURATION AFTER THALAMIC LESIONING	10:00 - 10:00
	<i>Poster Presenter:</i> Houefa Armelle Lokossou, FR	
P3.205	REENTRY EXCITATION IN A PERSONALIZED HIGH-RESOLUTION MODEL OF EPILEPSY	10:00 - 10:00
	<i>Poster Presenter:</i> Paul Triebkorn, FR	
P3.206	ESTABLISHMENT OF AN OPTIMIZED AND AUTOMATED WORKFLOW FOR WHOLE BRAIN PROBING OF NEURONAL ACTIVITY PATTERNS IN TRAP MICE	10:00 - 10:00
	<i>Poster Presenter:</i> Sébastien Cabrera, FR	
P3.207	A REINFORCEMENT LEARNING-BASED MODEL OF THE ROLE OF HIPPOCAMPAL REPLAY IN SPATIAL POSITIVE AND NEGATIVE LEARNING	10:00 - 10:00
	<i>Poster Presenter:</i> Elisa Massi, FR	
P3.208	BAYESIAN MODELING OF NEUROFEEDBACK TRAINING	10:00 - 10:00
	<i>Poster Presenter:</i> Côme Annicchiarico, FR	
P3.209	DATA-DRIVEN ANALYSIS OF BRAIN'S RESTING-STATE MANIFOLD	10:00 - 10:00
	<i>Poster Presenter:</i> Anastasios-Polykarpos Athanasiadis, FR	

Symposium

11:00 - 13:00

R1

S29 - Prefrontal Cortex Club: linking fundamental prefrontal research to prefrontal dysfunction

Chair: Shauna L Parkes, FR

Chair: Charles Wilson, FR

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| S29.1 | When the prefronto-striatal network is under amygdala's influence
<i>Speaker:</i> Valérie Doyre, FR | 11:00 - 11:00 |
| S29.2 | Prefrontal-based attentional dysfunctions after drug exposure
<i>Speaker:</i> Karine Guillem, FR | 11:00 - 11:00 |
| S29.3 | Neural dynamics of adaptive decisions in macaque prefrontal cortex
<i>Speaker:</i> Charles Wilson, FR | 11:00 - 11:00 |
| S29.4 | Roles of the prefrontal cortex in human creativity
<i>Speaker:</i> Emmanuelle Volle, FR | 11:00 - 11:00 |
| S29.5 | Prefrontal cortex in the wild: Influence of ecological constraints on the primate prefrontal cortex
<i>Speaker:</i> Sébastien Bouret, FR | 11:00 - 11:00 |

Symposium

11:00 - 13:00

R2

S30 - Microbiota contribution to socioemotional behaviour impairments in psychiatric disorders

Chair: Laetitia Davidovic, FR

Chair: Jérôme Becker, FR

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| S30.1 | Gut microbiota dysbiosis and behavioral phenotypes of the Maternal Immune Activation-model of autism and schizophrenia
<i>Speaker:</i> Gustavo Pacheco Lopez, MX | 11:00 - 11:00 |
| S30.2 | Microbial indoles modulate socioemotional behavior in physiological and pathological conditions
<i>Speaker:</i> Sylvie Rabot, FR | 11:00 - 11:00 |
| S30.3 | Impact of perinatal exposure to maternal western diet on socioemotional behavior of the offspring
<i>Speaker:</i> Jérôme Becker, FR | 11:00 - 11:00 |
| S30.4 | The microbial metabolite p-Cresol induces autistic-like behaviors in mice by remodeling the gut microbiota
<i>Speaker:</i> Laetitia Davidovic, FR | 11:00 - 11:00 |

Symposium

11:00 - 13:00

R3

S31 - Theoretical and computational approaches in neuroscience: Non-invasive neurostimulation

Chair: Axel Hutt, FR

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| S31.1 | How to talk to neurons: engaging neural circuits, systems and rhythms using brain stimulation | 11:00 - 11:00 |
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	<i>Speaker:</i> Jérémie Lefebvre, CA	
S31.2	How can we investigate in silico the potentials effects of transcranial current stimulation on synaptic plasticity? <i>Speaker:</i> Julien Modolo, FR	11:00 - 11:00
S31.3	Volitional control of STN beta oscillations and subject specific beta synchrony as a biomarker for a future closed loop DBS system <i>Speaker:</i> Adam Sachs, CA	11:00 - 11:00
S31.4	Insights into EEG origin under transcranial direct current stimulation (tDCS) in the context of psychosis <i>Speaker:</i> Josephine Riedinger, FR	11:00 - 11:00
S31.5	Rhythmic Sensory Stimulation To Restore Brain Dynamics And Boost Memory In Early Alzheimer'S Disease <i>Oral Presenter:</i> Matthieu Aguilera, FR	11:00 - 11:00
<i>Symposium</i> 11:00 - 13:00		
	S32 - Evolution of motor circuits in invertebrates and vertebrates <i>Chair:</i> Claire Wyart, FR	R7
S32.1	Comparative studies reveal a common switchboard for motor circuits in vertebrates <i>Speaker:</i> Claire Wyart, FR	11:00 - 11:00
S32.2	Using frog metamorphosis to define the cell type architecture of a swim-to-limb behavioral transition <i>Speaker:</i> Yuri Ignatev, AT	11:00 - 11:00
S32.3	Mapping the mesencephalic locomotor region and its downstream targets in the reticular formation <i>Speaker:</i> Martin Carbo Tano, FR	11:00 - 11:00
S32.4	Rethinking the function of the dorsal striatum beyond action selection <i>Speaker:</i> David Robbe, FR	11:00 - 11:00
	The primate mesecephalic locomotor region: insights from gait and balance disorders in Parkinson's disease <i>Speaker:</i> Brian Lau, FR	11:00 - 11:00
S32.5	Alteration Of Paradoxical Sleep Atonia In Narcoleptic Mice: A Moderate Form Of Severity Compared To Idiopathic Rem Sleep Behaviour Disorders Mice Model <i>Oral Presenter:</i> Maxime Grenot, FR	11:00 - 11:00
<i>Symposium</i> 11:00 - 13:00		
	S33 - State-dependent neural plasticity in the control of appetite and metabolism <i>Chair:</i> Alexandre Benani, FR <i>Chair:</i> Clémence Blouet, GB	R6
S33.1	Emerging role of astrocytes in the brain control of energy homeostasis <i>Speaker:</i> Kate Ellacott, GB	11:00 - 11:00

S33.2	Role of the postprandial microglial inflammatory response in the brain control of eating behavior <i>Speaker:</i> Juliette Salvi, FR	11:00 - 11:00
S33.3	Leveraging interoceptive systems to reappraise appetite and energy metabolism <i>Speaker:</i> Giuseppe Gangarossa, FR	11:00 - 11:00
S33.4	Oligodendrocyte plasticity mediates nutrient-dependant structural changes in the median eminence necessary for the control of energy homeostasis <i>Speaker:</i> Clémence Blouet, GB	11:00 - 11:00
S33.5	Parathyroid Hormone Receptor Signalling In Hypothalamic Agrp-Neurons Is A Determinant Of Energy Balance <i>Oral Presenter:</i> Eleni Siopi, FR	11:00 - 11:00

Symposium
11:00 - 13:00

R4

S34 - Mechanisms for local regulation of axonal RNA and organelle biology

Chair: Tommy Lewis, US
Chair: Julien Courchet, FR

S34.1	Fine-tuning of cortical circuit development through a local regulation of mitochondria distribution and function <i>Speaker:</i> Julien Courchet, FR	11:00 - 11:00
S34.2	WDR47 protects callosal axons from degeneration by regulating axonal cytoskeleton and organelle trafficking <i>Speaker:</i> Juliette Godin, FR	11:00 - 11:00
S34.3	ER-mitochondria interaction regulates axonal growth in the developing neocortex <i>Speaker:</i> Yusuke Hirabayashi, JP	11:00 - 11:00
S34.4	Mitochondrial hitchhiking of mRNAs sustains local mitochondrial proteostasis in axons <i>Speaker:</i> Angelika Harbauer, DE	11:00 - 11:00
S34.5	Synaptic Vesicles Are Axonal Antioxidant Patrols That Are Deficient In Huntington Disease <i>Oral Presenter:</i> Anca Radu, FR	11:00 - 11:00

Symposium
11:00 - 13:00

R5

S35 - Revisiting the role of cortico-basal ganglia circuits in impulsivity/compulsivity

Chair: Eric Burguière, FR
Chair: Christelle Baunez, FR

S35.1	Prevention of compulsive/impulsive behaviours by closed-loop optogenetic stimulation of striatal interneurons <i>Speaker:</i> Eric Burguière, FR	11:00 - 11:00
S35.2	Dopamine and Serotonin modulation of Cortico-Basal Ganglia circuits involved in impulsive compulsive behaviors: Evidence from human and non-human primates <i>Speaker:</i> Léon Tremblay, FR	11:00 - 11:00

S35.3	The contribution of the Subthalamic nucleus in impulsivity/compulsivity <i>Speaker:</i> Christelle Baunez, FR	11:00 - 11:00
S35.4	Impulse control disorders in Parkinson's Disease: electrophysiological markers <i>Speaker:</i> Garance Meyer, FR	11:00 - 11:00
S35.5	A Structural Mri Marker Of Impulsive Decision-Making: Towards Clinical Applications In Patients With Frontotemporal Dementia <i>Oral Presenter:</i> Valérie Godefroy, FR	11:00 - 11:00

Special Session

13:15 - 14:45

R3

SP07 - From Dragon to cavefish : Non-conventional animal models for investigating cognition

SP07.1	Learning in finches and canary <i>Speaker:</i> Arthur Leblois, FR	13:15 - 13:15
SP07.2	Impact of early experience on brain development and cognition in lambs <i>Speaker:</i> Elodie Chaillou, FR	13:15 - 13:15
SP07.3	Relational learning by honeybees <i>Speaker:</i> Aurore Avargues-Weber, FR	13:15 - 13:15
SP07.4	Neuro-behavioral development and antidepressants in cuttlefish <i>Speaker:</i> Cécile Bellanger, FR	13:15 - 13:15
SP07.5	Evolution of cavefish behaviors <i>Speaker:</i> Sylvie Rétaux, FR	13:15 - 13:15
SP07.6	Sleep states in the bearded dragon and other reptiles <i>Speaker:</i> Paul-Antoine Libourel, FR	13:15 - 13:15

Special Session

13:15 - 14:45

R6

SP08 - Diversity and equity in academia - Organized by the Young Researchers' office*Roundtable*

13:15 - 14:45

R4

RT01 - Editorial Process: what happens after you submit? How to participate?*Chair:* Erwan Bezard, FR

RT01.1	Basics of Editorial Process <i>Speaker:</i> Etienne Hirsch, FR	13:15 - 13:15
RT01.2	Communication with the Editors <i>Speaker:</i> Christophe Bernard, FR	13:15 - 13:15
RT01.3	Valuation of the researcher's role in the editorial Process <i>Speaker:</i> Maria Cecilia Angulo, FR	13:15 - 13:15
RT01.4	Francophone (under) representation in Editorial activities <i>Speaker:</i> Erwan Bezard, FR	13:15 - 13:15

RT01.5	Evolution of scientific edition <i>Speaker:</i> Michel Thiebaut de Schotten, FR	13:15 - 13:15
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Symposium
15:30 - 17:30

R1

S36 - Glial cells contribution to neurodevelopment*Chair:* Anne-Cécile Boulay, FR*Chair:* Morgane Thion, FR

S36.1	Profiling the brain's glial landscape in the absence of microglia <i>Speaker:</i> David Munro, GB	15:30 - 15:30
S36.2	Microglia-sufficient brain organoids: from development to pediatric cancer <i>Speaker:</i> Claudia Pasqualini, FR	15:30 - 15:30
S36.3	Genesis of cortical astrocyte diversity in physiological and pathological contexts <i>Speaker:</i> Karine Loulier, FR	15:30 - 15:30
S36.4	Alteration of gliovascular development in a rare type of leukodystrophy <i>Speaker:</i> Martine Cohen-Salmon, FR	15:30 - 15:30
S36.5	A Molecularly-Defined Non-Redundant Subpopulation Of Opcs Controls The Generation Of Myelinating Oligodendrocytes During Postnatal Development <i>Oral Presenter:</i> Shayan Moghimyfiroozabad, FR	15:30 - 15:30

Symposium
15:30 - 17:30

R2

S37 - Ecological approaches towards emotions, decision making and learning in brain and behaviour*Chair:* Nils Kolling, FR*Chair:* Jacqueline Scholl, FR

S37.1	Planning, motivation and decision making during temporally extended decision making and learning <i>Speaker:</i> Nils Kolling, FR	15:30 - 15:30
S37.2	Foraging under threat and its relationship to real life emotions <i>Speaker:</i> Jacqueline Scholl, FR	15:30 - 15:30
S37.3	Decision making in static and changing environments <i>Speaker:</i> Gerhard Jocham, DE	15:30 - 15:30
S37.4	The role of control and confidence in information seeking <i>Speaker:</i> Marion Rouault, FR	15:30 - 15:30
S37.5	The Cognitive And Neural Mechanisms Of Credit Assignment, And Learning About Control <i>Oral Presenter:</i> Lisa Spiering, GB	15:30 - 15:30

Symposium

15:30 - 17:30

R3

S38 - The Central extended amygdala: at the crossroads of emotions*Chair:* Francois Georges, FR*Chair:* Emmanuel Valjent, FR

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| S38.1 | Cell-type specific parallel circuits in the central extended amygdala
<i>Speaker:</i> Pierre Veinante, FR | 15:30 - 15:30 |
| S38.2 | Deconstructing the role of extended amygdala dopamine signaling in approach and avoidance behaviors
<i>Speaker:</i> Laia Castell, US | 15:30 - 15:30 |
| S38.3 | Characterization of insula interhemispheric neuronal circuit
<i>Speaker:</i> Christelle Glangetas, FR | 15:30 - 15:30 |
| S38.4 | From stress to depression and PTSD: A model of the interactions between amygdala and its associated neuromodulation structures
<i>Speaker:</i> Philippe Gaussier, FR | 15:30 - 15:30 |

Symposium

15:30 - 17:30

R7

S39 - Advances in signaling and treatments of inflammatory pain syndromes*Chair:* Cédric Peirs, FR

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| S39.1 | Visceral Pain in Inflammatory Bowel Disease Patients
<i>Speaker:</i> Nathalie Vergnolle, FR | 15:30 - 15:30 |
| S39.2 | Bacterial lipopeptides containing GABA, future treatments in visceral pain
<i>Speaker:</i> Nicolas Cenac, FR | 15:30 - 15:30 |
| S39.3 | Microcircuits underlying inflammatory versus neuropathic pain
<i>Speaker:</i> Cédric Peirs, FR | 15:30 - 15:30 |
| S39.4 | Dorsal horn circuits in inflammatory hyperalgesia
<i>Speaker:</i> Hanns Ulrich Zeilhofer, CH | 15:30 - 15:30 |
| S39.5 | Astroglial Kir4.1 Channel Deficit Drives Chronic Inflammatory Pain
<i>Oral Presenter:</i> Sarah Mountadem, FR | 15:30 - 15:30 |

Symposium

15:30 - 17:30

R6

S40 - Top-down control of motivated behavior via the lateral septum*Chair:* Tatiana Korotkova, DE

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| S40.1 | Regulation of feeding and social behaviours by neuronal populations in the lateral septum
<i>Speaker:</i> Tatiana Korotkova, DE | 15:30 - 15:30 |
| S40.2 | Corticotropin-releasing hormone signaling from the prefrontal cortex to lateral septum regulates social preference | 15:30 - 15:30 |

	<i>Speaker:</i> Felix Leroy, ES	
S40.3	The lateral septum encodes space, self-motion signals, and emotional affect conjunctively <i>Speaker:</i> Suzanne C. W. Van Der Veldt, CA	15:30 - 15:30
S40.4	Septo-hippocampal control of the motivation to move <i>Speaker:</i> Sanja Bauer-Mikulovic, DE	15:30 - 15:30

Symposium

15:30 - 17:30

R4

S41 - The endocytic machinery of neurotrophin receptors: from neurodevelopment to brain disease*Chair:* Chiara Scaramuzzino, FR*Chair:* Natalia Kononenko, DE

S41.1	Endosomal trafficking defects alter neural progenitor proliferation and cause microcephaly <i>Speaker:</i> Alexandre Baffet, FR	15:30 - 15:30
S41.2	Deciphering the Role of Axonal Endosomes at Distal Dendrites in Health and Disease <i>Speaker:</i> Chiara Scaramuzzino, FR	15:30 - 15:30
S41.3	Non-canonical regulation of neurotrophin signaling by autophagy <i>Speaker:</i> Natalia Kononenko, DE	15:30 - 15:30
S41.4	The role of neurotrophic signaling and axonal transport in neuromuscular junction maintenance <i>Speaker:</i> Eran Perlson, IL	15:30 - 15:30

Symposium

15:30 - 17:30

R5

S42 - New insights in brain nutrient-sensing and impact on brain health*Chair:* Xavier Fioramonti, FR*Chair:* Amandine Gautier-Stein, FR

S42.1	Brain bile acids signaling in energy balance <i>Speaker:</i> Daniela Cota, FR	15:30 - 15:30
S42.2	Role of the tanycyte-POMC neuron lactate shuttle in energy homeostasis <i>Speaker:</i> Tori Lhomme, FR	15:30 - 15:30
S42.3	Role of hypothalamic de novo ceramide synthesis in neuroinflammation and dysregulation of glucose homeostasis induced by resistin <i>Speaker:</i> Hervé Le Stunff, FR	15:30 - 15:30
S42.4	Role of insulin in the regulation of the serotonergic system and the control of mood <i>Speaker:</i> Xavier Fioramonti, FR	15:30 - 15:30
S42.5	Gut-Brain Axis: Neuronal Characterization Of Portal Glucose Sensing <i>Oral Presenter:</i> Jasmine Videlo, FR	15:30 - 15:30