

Tuesday, June 17, 2025

Poster session

12:15 - 14:15

VBH, 1st floor

**Poster Session I with presenters in attendance**

<b>MODULATION OF BULBAR ACTIVITY IN AN IMPAIRED MODEL OF INTRINSIC EXCITABILITY IN MITRAL AND TUFTED CELLS</b>	12:15 - 12:15
Sana Gadiwalla (Reykjavík, Iceland)	
<b>EXPERIENCE DRIVEN PLASTICITY IN VISUAL THALAMUS, A MULTI-OMIC APPROACH TO UNDERSTANDING THE NEURAL MECHANISMS OF AMBLYOPIA</b>	12:15 - 12:15
Béatrice Marquèze-Pouey (Marseille, France)	
<b>CAN SINGLE ACTION POTENTIALS IN THE AXONLESS RETINAL AII AMACRINE CELL DRIVE OUTPUT AT CHEMICAL SYNAPSES?</b>	12:15 - 12:15
Matteo Stefano Luppi (Bergen, Norway)	
<b>INVESTIGATING THE ROLE OF MENA IN THE FORMATION AND FUNCTION OF INHIBITORY SYNAPSES</b>	12:15 - 12:15
Emmanouil Agrymakis (Heraklion, Greece)	
<b>SEROTONIN AND SEROTONERGIC INPUTS MODULATE CHOLINERGIC INTERNEURONS IN THE STRIATUM ON DIFFERENT TIMESCALES</b>	12:15 - 12:15
Joseph Baxendale (Stockholm, Sweden)	
<b>TTX-INDUCED ULTRASTRUCTURAL REMODELING OF SYNAPSES AT APICAL DENDRITES IN HIPPOCAMPAL PRINCIPAL NEURONS</b>	12:15 - 12:15
Gudrun Brandes (Hannover, Germany)	
<b>ELECTRICAL COUPLING SYNCHRONIZES ACTION POTENTIALS IN THE RAT HYPOTHALAMIC TUBEROINFUNDIBULAR DOPAMINE (TIDA) CIRCUIT</b>	12:15 - 12:15
Olga Netsyk (Stockholm, Sweden)	
<b>TAG, DEGRADE, OBSERVE: REVEALING ACUTE CONSEQUENCES OF RAPID PROTEIN DEGRADATION AT INDIVIDUAL SYNAPSES USING AUXIN-INDUCIBLE DEGRON 2 TECHNOLOGY</b>	12:15 - 12:15
Lilach Elbaum (Haifa, Israel)	
<b>SPECIALIZED AXON INITIAL SEGMENT ENABLES LOW FIRING THRESHOLD WITH RAPID ACTION POTENTIAL GENERATION IN FAST-SPIKING INTERNEURONS IN THE HUMAN NEOCORTEX</b>	12:15 - 12:15
Emőke Bakos (Szeged, Hungary)	
<b>CROSS-SPECIES VALIDATION OF PERINEURONAL NET DISTRIBUTION IN AFFECTIVE STATE RESEARCH: INSIGHTS FROM HUMAN AND RAT DATA</b>	12:15 - 12:15
Jane Morphett (Adelaide, Australia)	
<b>AGE-RELATED DECLINE IN ACTION POTENTIAL OF FAST-SPIKING INTERNEURONS IN THE HUMAN NEOCORTEX</b>	12:15 - 12:15
Ádám Tiszlavicz (Szeged, Hungary)	
<b>BRIDGING SYNAPTIC MOLECULAR ARCHITECTURE TO FUNCTION: A MULTIMODAL APPROACH TO STUDY SYNAPSE HETEROGENEITY</b>	12:15 - 12:15
Vasika Venugopal (Bordeaux, France)	
<b>SYNAPTIC PLASTICITY MANIFOLDS SUPPORTING MEMORY ABILITIES IN SPIKING NETWORKS</b>	12:15 - 12:15
Zoe Harrington (Klosterneuburg, Austria)	
<b>VOLTAGE IMAGING OF COLLATERAL VMH NEURONS REVEALS</b>	

<b>DEFENSE BEHAVIOR PLASTICITY MODULATION</b>	12:15 - 12:15
Greta Martina Szucs (Solna/Stockholm, Sweden)	
<b><i>PLASTICITY OF LAYER 2/3 VIP-IN EXCITATORY SYNAPSES IN THE MOUSE SOMATOSENSORY CORTEX IS INFLUENCED BY MGLUR-1 ACTIVITY</i></b>	12:15 - 12:15
Karolina Bogaj (Warsaw, Poland)	
<b>O-GLCNACASE REGULATES DENDRITIC SPINE MORPHOGENESIS AND SYNAPTIC FUNCTION</b>	12:15 - 12:15
Linkun Han (Umeå, Sweden)	
<b>LINKING CIRCUITS AND NEUROPLASTICITY: THE PFC &amp;GT; REUNIENS &amp;GT; HIPPOCAMPUS NETWORK</b>	12:15 - 12:15
Maxime Veleanu (Freiburg, Germany)	
<b>NEURAL INFLUENCES BETWEEN DISTANT BODY REGIONS: A PRELIMINARY FMRI STUDY ON THE INFLUENCE OF IMPROVED SUBTALAR JOINT MOBILITY ON CHRONIC CERVICAL PAIN</b>	12:15 - 12:15
Salman Albelal (Riyadh, Saudi Arabia)	
<b>ARC/ARG3.1 BINDS THE NUCLEAR POLYADENYLATE-BINDING PROTEIN RRM AND REGULATES NEURONAL ACTIVITY-DEPENDENT FORMATION OF NUCLEAR SPECKLES</b>	12:15 - 12:15
Tambudzai Kanhema (Bergen, Norway)	
<b>ASTROCYTIC ACTIVATION INDUCES COGNITIVE ENHANCEMENT AND AB PLAQUES SHRINKAGE IN AN ALZHEIMER'S MOUSE MODEL</b>	12:15 - 12:15
Tirzah Kreisel (Jerusalem, Israel)	
<b>NEUROPROTECTIVE EFFECTS OF FERMENTED SOY IN ALZHEIMER'S DISEASE: EVIDENCE FROM 5XFAD MOUSE AND IN VITRO MODELS</b>	12:15 - 12:15
Yang Chun-Yen (Taipei, Taiwan, China)	
<b>PROTECTIVE EFFECTS OF DEHYDROEPIANDROSTERONE ON THE CHOLINERGIC SYSTEM AND GLIAL CELLS IN A NEUROTOXIC ALZHEIMER'S DISEASE MOUSE MODEL</b>	12:15 - 12:15
Szidónia Farkas (Pécs, Hungary)	
<b>ENGINEERED NEURAL NETWORKS FOR ALZHEIMER'S DISEASE MODELING</b>	12:15 - 12:15
Katrine Sjaastad Hanssen (TRONDHEIM, Norway)	
<b>MICROSCALE DYSFUNCTION AND MESOSCALE COMPENSATION IN DEGENERATING NEURONAL NETWORKS</b>	12:15 - 12:15
Vegard Fiskum (Trondheim, Norway)	
<b>INVESTIGATING THERMOREGULATORY IMPAIRMENTS IN ALZHEIMER'S DISEASE: THE EFFECTS OF SENKTIDE AND ROLIPRAM IN MALE 3XTG-AD MICE</b>	12:15 - 12:15
Dorottya Várkonyi (Pécs, Hungary)	
<b>CNEURO-201 AT LOWER DOSES IMPROVES SPATIAL LEARNING AND MEMORY IN A TRIPLE-TRANSGENIC MOUSE MODEL (3XTG-AD) OF ALZHEIMER'S DISEASE</b>	12:15 - 12:15
Fausto Sanabria (Queretaro, Mexico)	
<b>COGNITIVE IMPAIRMENT AND MOLECULAR ALTERATIONS IN A PSEN1 THR119ILE MUTATION MOUSE MODEL OF EARLY-ONSET ALZHEIMER'S DISEASE</b>	12:15 - 12:15
Eunji Kim (Yangsan, Gyeongnam, Korea, Republic of)	
<b>THERAPEUTIC MECHANISMS OF TRANSCRANIAL ALTERNATING CURRENT STIMULATION AND TREADMILL EXERCISE IN A</b>	12:15 - 12:15

**MOUSE STROKE MODEL**

HongJu Lee (Yangsan, Korea, Republic of)

**SELECTIVE VULNERABILITY TO TAU CHALLENGE IN SPECIFIC SUBSETS OF NEURONS IN THE LATERAL ENTORHINAL CORTEX IN A RAT MODEL OF AD**

12:15 - 12:15

Isak Martinsson (Trondheim, Norway)

**ANALYZING EEG SIGNATURES IN A MOUSE MODEL OF ALZHEIMER'S DISEASE: IMPLICATIONS FOR EARLY DETECTION**

12:15 - 12:15

Izhak Michaelovski (Ariel, Israel)

**EFFECTS OF VISUAL AND ACOUSTIC SENSORY STIMULATION ON MICROGLIA ACTIVATION AND AMYLOID B PLAQUE FORMATION IN THE APP<sup>NL-G-F/NL-G-F</sup> MOUSE MODEL OF ALZHEIMER'S DISEASE**

12:15 - 12:15

Kai Lo (Glasgow, United Kingdom)

**A SYSTEMATIC REVIEW OF HUMAN STEM CELL-DERIVED DOPAMINERGIC PROGENITOR SURVIVAL AND DOPAMINERGIC MATURATION IN PARKINSONIAN MODELS**

12:15 - 12:15

Giulia Comini (Galway, Ireland)

**DOPAMINE BUT NOT GLUTAMATE RELEASE IS DISRUPTED IN PARKINSON'S PATIENT-DERIVED DOPAMINERGIC NEURONS DUE TO IMPAIRED SYNAPTIC VESICLE LOADING**

12:15 - 12:15

Kaitlyn M L Cramb (Oxford, United Kingdom)

**INVESTIGATION OF THE EFFECT OF CARVACROL IN AN *IN VITRO* PARKINSON'S DISEASE MODEL**

12:15 - 12:15

Serenay Karatas (Izmir, Turkey)

**DEPRESSIVE DISORDERS IN PARKINSON'S DISEASE: INVOLVEMENT OF MONOAMINERGIC SYSTEMS**

12:15 - 12:15

Laura Boi (Solna, Sweden)

**A2A RECEPTOR-MEDIATED DARPP-32 SIGNALING REGULATES EDS IN PARKINSON'S DISEASE**

12:15 - 12:15

Clarissa Anna Pisanó (Solna, Sweden)

**DISTINCT CONTRIBUTIONS OF DOPAMINE AND NORADRENALINE DYSFUNCTION TO SLEEP DISTURBANCES IN A PARKINSON'S DISEASE MODEL**

12:15 - 12:15

Daniel Medeiros (Solna, Sweden)

**EFFECT OF GENERAL ANESTHESIA ON POSTOPERATIVE CHANGES IN INFLAMMATORY CYTOKINES IN PATIENTS WITH PARKINSON'S DISEASE**

12:15 - 12:15

Joo Jin (Seoul, Korea, Republic of)

**CARRIES OF *LRRK2* PATHOGENIC VARIANTS SHOW A Milder, ANATOMICALLY DISTINCT BRAIN SIGNATURE OF PARKINSON'S DISEASE**

12:15 - 12:15

Jakub Kopal (Oslo, Norway)

**CORTICO-STRIATAL GLUTAMATE HYPERACTIVITY MEDIATED BETA OSCILLATION DYNAMICS IN COMPUTATIONAL PARKINSONIAN MODELS**

12:15 - 12:15

Zirui Wang (Beijing, China)

**MODELING PARKINSON'S DISEASE IN 3D: INTEGRATING SH-SY5Y ENCAPSULATION AND OPTOGENETIC CONTROL FOR ENHANCED NEURODEGENERATIVE RESEARCH**

12:15 - 12:15

Baseerat Rumman (Istanbul, Turkey)

**MAY THE OFFSPRING OF SLEEP DEPRIVED MOTHERS PREDISPOSE THEM TO PARKINSON'S DISEASE?**

12:15 - 12:15

Sevdenur Yazı (Istanbul, Turkey)

**IDENTIFICATION OF ALTERED PATHWAYS IN PARKINSON'S DISEASE PATIENTS-DERIVED MESODIENCEPHALIC DOPAMINERGIC (MDDA) NEURONS CARRYING NEW GENETIC RARE VARIANTS**

12:15 - 12:15

Federica Carrillo (Naples, Italy)

**UNRAVELING SENESENCE INDUCTION IN ALPHA-SYNUCLEIN-OVEREXPRESSING NEURONS: A NOVEL CELLULAR MODEL SYSTEM AND ADVANCED SENESENCE MEASUREMENT APPROACH**

12:15 - 12:15

Dominika Fricova (Bratislava, Slovakia)

**THE SYNERGY OF DOPAMINERGIC SYSTEM AND ADULT HIPPOCAMPAL NEUROGENESIS IN A PRE-CLINICAL MODEL OF PARKINSON'S DISEASE**

12:15 - 12:15

Bruna Araújo (Porto, Portugal)

**METABOLIC SPIKE LOSS AS THE CRITICAL DRIVER OF PARKINSON'S DISEASE**

12:15 - 12:15

Chaitanya Chintaluri (Klosterneuburg, Austria)

**SENSORY PROCESSING AND MEMBRANE PROPERTIES OF EXTERNAL GLOBUS PALLIDUS NEURONS IN DOPAMINE DEPLETED MICE**

12:15 - 12:15

Feng Du (Stockholm, Sweden)

**BEYOND THE BRAIN: THE HIDDEN ROLE OF CARDIORENAL DYSFUNCTION IN PARKINSON'S DISEASE**

12:15 - 12:15

Catarina Teixeira (Porto, Portugal)

**EVALUATION AND TREATMENT OF IMBALANCE / DIZZINESS IN ELDERLY PATIENTS WITH PARKINSON'S DISEASE**

12:15 - 12:15

Ioseb burduladze (Tbilisi, Georgia)

**SCHIZOPHRENIA RISK ENRICHED GENE-PROGRAM CO-DYSREGULATES PROTEIN MODIFICATION, ENERGY SUPPLY AND ION TRANSPORT IN THE PREFRONTAL CORTEX**

12:15 - 12:15

Lisa Bast (Stockholm, Sweden)

**BIOLOGY OF SUICIDE: (EPI)GENETIC AND PROTEOMIC APPROACH**

12:15 - 12:15

Katarina Kouster (Ljubljana, Slovenia)

**MARRIAGE AND DEPRESSIVE SYMPTOMS: THE ROLE OF SEX, AGE AND SOCIOECONOMIC STATUS**

12:15 - 12:15

Gahui Yoon (Seoul, Korea, Republic of)

**INVESTIGATING THE EFFECTS OF STRESS ON THE TRANSCRIPTOME AND PROTEOME *IN VITRO***

12:15 - 12:15

Kevin Carr (Edinburgh, United Kingdom)

**THERAPEUTIC EFFECT OF TRANS CRANIAL DIRECT CURRENT STIMULATION IN ANGELMAN SYNDROME**

12:15 - 12:15

Roaa Abu Zeid (Haifa, Israel)

**IMPACT OF REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION ON CLINICAL AND COGNITIVE OUTCOMES, AND BRAIN-DERIVED NEUROTROPHIC FACTOR (BDNF) LEVELS IN TREATMENT-RESISTANT DEPRESSION**

12:15 - 12:15

Enrico Ginelli (Capoterra, Italy)

**FNIRS INSIGHTS INTO SOCIAL COGNITION AND SCHIZOPHRENIA: BRIDGING NEURAL AND CLINICAL OUTCOMES**

12:15 - 12:15

Alp Eren Yüce (Izmir, Turkey)

<b>ACUTE AND CHRONIC CHEMOGENETIC VHPC MODULATION: NEUROCHEMICAL AND BEHAVIORAL INSIGHTS INTO SCHIZOPHRENIA -ASSOCIATED ALTERATIONS</b> Zoi Balla (Biberach an der Riss, Germany)	12:15 - 12:15
<b>HIGH RESOLUTION, TWO-PHOTON, ACOUSTO-OPTICS BASED SIMULTANEOUS IMAGING AND OPTOGENETICS THROUGH ALL CORTICAL LAYERS FROM UP TO 300 CELLS</b> Abhrajyoti Chakrabarti (Budapest, Hungary)	12:15 - 12:15
<b>NOVEL TRANSGENIC ZEBRAFISH LINES TO STUDY THE CHRNA3-B4-A5 GENE CLUSTER</b> Yuanqi Hua (uppsala, Sweden)	12:15 - 12:15
<b>IMPACT OF PERINATAL STROKE ON MOTOR AND COGNITIVE FUNCTIONS IN A MOUSE MODEL</b> Gianmarco Cuboni (Padova, Italy)	12:15 - 12:15
<b>ENVIRONMENTAL ENRICHMENT PROTECTS AGAINST SOCIAL DEFEAT-INDUCED DEPRESSION AND MEMORY IMPAIRMENT IN MATERNALLY DEPRIVED RATS: RELEVANCE TO STRUCTURAL ALTERATIONS IN CA1 AND CA3 HIPPOCAMPAL REGIONS</b> Zahra Ehsanifard (Shiraz, Iran)	12:15 - 12:15
<b>HISTAMINERGIC SYSTEM'S ROLE IN DEPRESSION</b> Zhu Xinyan (Hangzhou, China)	12:15 - 12:15
<b>MAGNETIC MICRO-COIL STIMULATION FOR INHIBITING NATURAL NEUROACTIVITY</b> Su Genelioglu (Kongens Lyngby, Denmark)	12:15 - 12:15
<b>A NOVEL RHODOPSIN-BASED VOLTAGE INDICATOR FOR SIMULTANEOUS TWO PHOTON OPTICAL RECORDING WITH GCAMP IN VIVO</b> vincent Villette (PARIS, France)	12:15 - 12:15
<b>EFFECTS OF CHEMOGENETIC INHIBITION OF THE ANTERIOR PARAVENTRICULAR NUCLEUS OF THE THALAMUS TO VENTRAL SUBICULUM PATHWAY ON CUE-INDUCED HEROIN SEEKING FOLLOWING FORCED ABSTINENCE IN RATS</b> Emily Ah-Yen (Montreal, Canada)	12:15 - 12:15
<b>KISSPEPTINS, KEY REGULATORS OF THE REPRODUCTIVE AXIS, MIGHT MODULATE AMYLOIDB INDUCED NEUROLOGIC DEFICIT IN FEMALE RATS</b> Krisztina Csabafi (Szeged, Hungary)	12:15 - 12:15
<b>KISSPEPTIN-8 REDUCES LOCOMOTOR ACTIVITY BY MODULATING THE EXPRESSION OF DOPAMINE RECEPTORS IN THE NUCLEUS ACCUMBENS AND STRIATUM IN RATS</b> Katalin Eszter Ibos (Szeged, Hungary)	12:15 - 12:15
<b>BEHAVIOURAL EFFECTS OF OBESTATIN IN THE FORCED SWIMMING TEST</b> Júlia Szakács (Szeged, Hungary)	12:15 - 12:15
<b>STRUCTURAL CONNECTOME CHANGES AS BIOMARKERS OF STROKE RECOVERY: A LONGITUDINAL 7T MRI STUDY</b> Esin Avci-Colak (Trondheim, Norway)	12:15 - 12:15
<b>CALNEURON-1 IS AN ACCESSORY SUBUNIT OF MUSCARINIC M1 RECEPTORS THAT CAUSES FRONTOTEMPORAL DYSCONNECTIVITY IN SCHIZOPHRENIA</b> Alexandre Ryzynski (Magdeburg, Germany)	12:15 - 12:15
<b>CHANGES IN CORTICAL MICROSTRUCTURE AFTER</b>	12:15 - 12:15

**ELECTROCONVULSIVE THERAPY IN PATIENTS WITH DEPRESSION**

José Miguel Godoy Muñoz (Bergen, Norway)

**METHODS TO INVESTIGATE THE PLASTICITY OF THE ADULT HUMAN BRAIN EX VIVO: FROM PHYSIOLOGICAL SYNAPTIC FIRING TO VIRO-INDUCED CIRCUITRY INTERFERENCE**

12:15 - 12:15

Corentin Bernou (Montpellier, France)

**DOES POOR SLEEP DURING ADOLESCENCE LEAD TO METABOLIC DISORDERS LATER IN LIFE? - TARGETED CHEMOGENETIC MODELS OF SLEEP DEPRIVATION IN MICE**

12:15 - 12:15

Sandra Kristine Stølen Bryne (Oslo, Norway)

**GENDER DIMORPHISM UNDERLYING THE VULNERABILITY OF DEVELOPING CANNABIS USE DISORDER**

12:15 - 12:15

Tatiana Gusinskaia (Barcelona, Spain)

**NEUROBIOLOGICAL MECHANISMS OF CANNABIS ADDICTION: RETRO-DREADDS APPROACH IN A NOVEL SELF-ADMINISTRATION MODEL**

12:15 - 12:15

María Fernanda Ponce-Beti (Barcelona, Spain)

**CHRONIC EFFECTS OF WHITE NOISE ON EMOTIONAL MEMORY IN RATS: PLUS MAZE ASSESSMENTS**

12:15 - 12:15

Pochkhidze Nino (Tbilisi, Georgia)

**INVESTIGATING PERSISTENT COGNITIVE DEFICITS FOLLOWING TRANSIENT GLOBAL AMNESIA**

12:15 - 12:15

Livia Aale-Hægermark (Trondheim, Norway)

**A FLEXIBLE TWO-PHOTON ENDOSCOPE FOR IN-DEPTH ALL-OPTICAL CIRCUIT MANIPULATION IN FREELY BEHAVING MICE**

12:15 - 12:15

Rafael Castillo Negrete (Paris, France)

**ANXIETY CORRELATES POSITIVELY WITH SYNAPSE DENSITY IN THE ANTERIOR CINGULATE CORTEX IN A RAT MODEL OF PTSD**

12:15 - 12:15

Svend Davanger (Oslo, Norway)

**EFFECTS OF AUDIENCE ON BUDGERIGAR (*MELOPSITTACUS UNDULATUS*) SOCIAL BEHAVIOR**

12:15 - 12:15

Frieda Nemon (Ithaca, United States)

**EFFECTS OF SOCIAL PARTNER FAMILIARITY ON THE SOCIAL BEHAVIORS OF SINGLE-HOUSED FEMALE MICE**

12:15 - 12:15

Joshua Sokol (Ithaca, United States)

**EFFECT OF ACUTE HEAT STRESS ON NEURONAL ACTIVITY IN THE BRAIN OF LARVAL ZEBRAFISH**

12:15 - 12:15

Haritha Polagari Reddy (Copenhagen N, Denmark)

**AN EARLY SURGE OF NOREPINEPHRINE ALONG BRAINSTEM PATHWAYS DRIVES SENSORY-EVOKED AWAKENING**

12:15 - 12:15

Noa Regev (Tel Aviv, Israel)

**FUNCTIONAL AND NEUROCHEMICAL CHARACTERIZATION OF CAMKIIA-EXPRESSING NEURONS IN THE VENTRAL PALLIDUM**

12:15 - 12:15

Defne Albayrak (Istanbul, Turkey)

**STRIATAL DOPAMINE AND SEROTONIN ENCODE BILATERAL SENSORIMOTOR DECISION MAKING**

12:15 - 12:15

Inês A. Santos (Stockholm, Sweden)

**NOVEL BRAINSTEM REWARD CENTER INHIBITS LATERAL HABENULA AND INDUCES REWARD SEEKING BEHAVIOR**

12:15 - 12:15

Krisztián Zichó (Budapest, Hungary)

<b>DIFFERENTIAL REPRESENTATION OF VARIOUS REWARDS IN DOPAMINERGIC NEURONS OF THE VENTRAL TEGMENTAL AREA</b>	12:15 - 12:15
Kamil Pradel (Cologne, Germany)	
<b>A BINARY DOPAMINERGIC SWITCH FOR CANNABIS INDUCED HYPOLOCOMOTION AND ENDOCRINE DISRUPTION</b>	12:15 - 12:15
Zsolia Hevesi (Vienna, Austria)	
<b>NOVEL BRAINSTEM REWARD CENTER ACTIVATES DURING REWARD AND BALANCES NEGATIVE EXPERIENCES</b>	12:15 - 12:15
Boldizsár Zsolt Balog (Budapest, Hungary)	
<b>NEUROMODULATION OF THE CORTICOSTRIATAL PATHWAY DRIVES ACTIVITY-DEPENDENT PURINERGIC-LIKE SIGNALLING IN THE VENTRAL STRIATUM</b>	12:15 - 12:15
Sebastian McCullough (Brisbane, Australia)	
<b>CENTRAL CONTROL OF OPIOID-INDUCED MECHANICAL HYPERSENSITIVITY AND ANALGESIC TOLERANCE</b>	12:15 - 12:15
Yin Guangjuan (Shenzhen, China)	
<b>DOPAMINE SIGNALS REFLECT RULE-SHIFT LEARNING PROCESS IN MICE</b>	12:15 - 12:15
WEIXING PAN (Ashburn, United States)	
<b>NEUROSCIENCE OF SCENTS APPLIED TO BEHAVIOR CHANGE: AN EXPERIENCE REPORT</b>	12:15 - 12:15
Nathânia Frutuoso (São Gonçalo do Rio das Pedras - MG, Brazil)	
<b>FUNCTIONAL CONNECTIONS MODULATING EXTINCTION OF LEARNED TASTE-IMMUNE RESPONSES</b>	12:15 - 12:15
Martin Hadamitzky (Essen, Germany)	
<b>PUPILLOMETRY REVEALS AUTONOMIC ADJUSTMENTS DURING DIVING REFLEX IN FACE IMMERSION APNEA</b>	12:15 - 12:15
Vincenzo Rizzuto (Camerino, Italy)	
<b>THE INHIBITION OF NLRP3 INFLAMMASOME ACTIVATION PROMOTES THE MORPHOLOGICAL AND FUNCTIONAL REGENERATION OF THE INJURED SPINAL CORD</b>	12:15 - 12:15
Rebeka Kristóf (Szeged, Hungary)	
<b>LOX-1 INDUCES INFLAMMATORY ACTIVATION OF MICROGLIA</b>	12:15 - 12:15
Masayuki Itoh (Kodaira, Japan)	
<b>DEFINING THE CONTRIBUTION OF THE PINK1/PARKIN MITOPHAGIC PATHWAY DURING MICROGLIAL POLARIZATION FOLLOWING BZATP EXPOSURE</b>	12:15 - 12:15
Francisco Torres Torres (Ann Arbor, United States)	
<b>HDAC1 ACTIVATION AS A THERAPEUTIC STRATEGY FOR NEUROPROTECTION AND FUNCTIONAL RECOVERY AFTER STROKE</b>	12:15 - 12:15
Cheng-Chun Wu (Kaohsiung City, Taiwan, China)	
<b>BEHAVIORAL AND IMMUNE RESPONSE TO MENINGEAL VENOLYMPHATIC DYSFUNCTION</b>	12:15 - 12:15
Marie-Renee El Kamouh (Paris, France)	
<b>MEMANTINE REDUCES THE EXPRESSION OF IFN-GAMMA AND IL-17 BY CD4<sup>+</sup> T CELLS IN AGED EAE RATS</b>	12:15 - 12:15
Jasmina Djuretic (Belgrade, Serbia)	
<b>ABERRANT IL-1B-INDUCED CYTOKINE RESPONSE IN SCHIZOPHRENIA-DERIVED MICROGLIA AND ITS IMPACT ON NEURONAL AND ASTROCYTIC FUNCTION</b>	12:15 - 12:15

Shringaa Kalyanaraman (Helsinki, Finland)

**CAN TRANSIENT PERIPHERAL INFLAMMATION LEAD TO LONG-TERM CHANGES IN THE CENTRAL NERVOUS SYSTEM?** 12:15 - 12:15

Emilia Toissalo (Helsinki, Finland)

**NRF2 ACTIVATION BY SULFORAPHANE MITIGATES SPATIAL MEMORY DEFICITS AND NEUROINFLAMMATION VIA SUPPRESSION OF NLRP3 SIGNALLING IN ALZHEIMER'S DISEASE RAT MODEL** 12:15 - 12:15

Bhanuteja Thondala (New Delhi, India)

**FROM HEART TO BRAIN: NEUROINFLAMMATION AND MEMORY IN RATS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION** 12:15 - 12:15

Inês Vilas-Boas (Porto, Portugal)

**ONCOSTATIN M ACTIVATES NOCICEPTIVE NEURONS INNERVATING THE MURINE GUT** 12:15 - 12:15

Thomas Pritchard (Cambridge, United Kingdom)

**A MULTIPLEXED ELECTROPHYSIOLOGY ASSAY FOR ASSESSING IPSC-DERIVED NEURON AND ASTROCYTE CO-CULTURES** 12:15 - 12:15

Martin Melovic (Atlanta, United States)

**OPTIMIZING THE TIMING AND EFFICACY OF ANTI-INFLAMMATORY MICRORNAS FOR BEHAVIORAL RECOVERY IN MICE UNDER INFLAMMATORY STRESS** 12:15 - 12:15

Victor Gheorman (Craiova, Romania)

**GUT MICROBIOME COMPOSITION: A BIOLOGICAL MARKER OF THE VULNERABILITY TO DEVELOP AN ALCOHOL USE DISORDER** 12:15 - 12:15

Léa Aeschlimann (Prilly, Switzerland)

**GUT MICROBIOTA ALTERATIONS AND HYPOTHALAMIC INFLAMMATION PRECEDE OBESITY IN A RAT MODEL OF BINGE EATING** 12:15 - 12:15

Narimane Bouzourène (Prilly, Switzerland)

**CANNABIMIMETIC MODULATION AS AN EARLY PREVENTIVE APPROACH AT THE ONSET OF NEUROINFLAMMATION** 12:15 - 12:15

Ludmila Kasatkina (Kyiv, Ukraine)

**MTOR HYPERACTIVATION DRIVES MUTATION-SPECIFIC HYPERACTIVITY IN HIPSC-DERIVED NEURONAL NETWORKS THROUGH ALTERED GABAERGIC SIGNALING** 12:15 - 12:15

Marie Le Bihan (Nijmegen, Netherlands)

**THE HYPOXIA-INDUCIBLE FACTOR 1ALPHA AND PRIMARY CILIA - A FUNCTIONAL ANALYSIS OF THE INTERPLAY IN NEURONAL CELLS** 12:15 - 12:15

Pascal Florian Schneider (Essen, Germany)

**INVESTIGATING TANGO2'S ROLE IN MITOCHONDRIA AND NEURONAL ACTIVITY USING PATIENT-DERIVED IGLNEURONS** 12:15 - 12:15

Silvia Carestiato (Turin, Italy)

**EARLY POSTNATAL ABLATION OF HIPPOCAMPAL CAJAL-RETZIUS CELLS AFFECTS CA1 PLACE CELLS** 12:15 - 12:15

Sachuriga Sachuriga (Trondheim, Norway)

**DECIPHERING INTERNEURON DISTRIBUTIONS IN THE MEDIAL ENTORHINAL CORTEX** 12:15 - 12:15

Nina Seiffert (Trondheim, Norway)

**DIFFERENCES IN CAJAL-RETZIUS CELL DENSITY AND** 12:15 - 12:15



**POSTNATAL PERSISTENCE ACROSS CORTICAL AREAS REVEALED BY A NOVEL INTERSECTIONAL GENETIC LABELING APPROACH**

Kristian Moan (Trondheim, Norway)

**PROTEOMIC CHARACTERIZATION OF GROWTH CONES IN THE HIPPOCAMPUS AND DENTATE GYRUS DURING EARLY POSTNATAL DEVELOPMENT**

12:15 - 12:15

Maike Krause (Trondheim, Norway)

**THE ONTOGENY OF HIPPOCAMPAL LEARNING AND MEMORY SYSTEMS IS SUPPORTED BY POSTNATAL CAJAL-RETZIUS CELLS**

12:15 - 12:15

Ingvild Glærum (Trondheim, Norway)

**INTERLEUKIN 1 SIGNALING IN THE DENTATE GYRUS OF THE HIPPOCAMPUS: A DOUBLE-EDGED SWORD FOR ADULT HIPPOCAMPAL NEUROGENESIS**

12:15 - 12:15

Maria Igorevna Smirnova (Jupiter, United States)

**CHARACTERIZATION OF THE CELLULAR AND MOLECULAR DIVERSITY DURING THE PRIMATE EVOLUTION**

12:15 - 12:15

Yidi Sun (SHANGHAI, China)

**THE MICROCEPHALY-ASSOCIATED TRANSCRIPTIONAL REGULATOR AUTS2 COOPERATES WITH POLYCOMB COMPLEX PRC2 TO PRODUCE UPPER-LAYER NEURONS**

12:15 - 12:15

Mikio Hoshino (Kodaira, Japan)

**MESO-ASPHERIC BASED TUNABLE LIGHT-SHEET MICROSCOPY: RELIABLE TECHNIQUE FOR PRECISION IMAGING OF NEURAL AND VASCULAR NETWORK**

12:15 - 12:15

Saiedeh Saghaifi (Vienna, Austria)

**EXPLORING THE ROLE OF CEREBROSPINAL FLUID FLOW IN REGULATING NEUROGENESIS AND NEURONAL FUNCTION IN ZEBRAFISH LARVAE**

12:15 - 12:15

Percival Paul D'Gama (Trondheim, Norway)

**THE CALCIUM SENSING RECEPTOR CASR REGULATES MYELINATION IN THE CENTRAL NERVOUS SYSTEM**

12:15 - 12:15

Tim Aberle (Erlangen, Germany)

**IMPROVING MATURATION OF HUMAN IPSCS-DERIVED CORTICAL ORGANIDS**

12:15 - 12:15

Martine Narum (Oslo, Norway)

**CHARACTERISATION OF THE TEMPORAL STEREOLOGIC PROFILE OF A STEM CELL MODEL OF HUMAN CORTICAL DEVELOPMENT**

12:15 - 12:15

Emily Stonelake (Cardiff, United Kingdom)

**TOP-DOWN REGULATION OF VISUAL PROCESSING AND INNATE BEHAVIORS IN THE NEONATAL BRAIN**

12:15 - 12:15

Henrik Oestby (Hamburg, Germany)

**LAYER I OF THE ADULT HUMAN NEOCORTEX: NEURONAL ARCHITECTURE AND MOLECULAR PROFILING**

12:15 - 12:15

Maura Zanze Bader (Zagreb, Croatia)

**LIPRIN-A PROTEINS ARE CRITICAL MEDIATORS OF HUMAN PRESYNAPSE ASSEMBLY**

12:15 - 12:15

Fredrik Sterky (Gothenburg, Sweden)

**NEURONAL TIMESCALES ACROSS DEVELOPMENT AND BRAIN AREAS**

12:15 - 12:15

Irina Pochinok (Hamburg, Germany)

**LABEL-FREE FUNCTIONAL ANALYSIS FOR THE**

12:15 - 12:15

**CHARACTERIZATION OF IPSC-DERIVED NEURAL ORGANOID DEVELOPMENT AND MATURATION**

Johny Pires (Atlanta, United States)

**ROLE OF PROTEOGLYCANS IN CORTICAL MICROCIRCUITRY DEVELOPMENT AND SPECIFICATION**

12:15 - 12:15

Natasa Jovanov-Milošević (Zagreb, Croatia)

**BRAIN-WIDE DISTRIBUTION OF PARVALBUMIN-POSITIVE NEURONS AND PERINEURONAL NETS ACROSS THE DEVELOPING MOUSE BRAIN**

12:15 - 12:15

Elisabeth Asta Mathisen (Oslo, Norway)

**IMPACT OF XKR8 SCRAMBLASE DEFICIENCY ON SYNAPTIC ACTIVITY OF CA1 PYRAMIDAL NEURONS IN THE MOUSE HIPPOCAMPUS DURING POSTNATAL DEVELOPMENT**

12:15 - 12:15

Igor Nagula (Vilnius, Lithuania)

**EVOLUTION OF SLEEP ARCHITECTURE DYNAMICS THROUGHOUT DEVELOPMENT**

12:15 - 12:15

Solomiia Korchynska (Oslo, Norway)

**DEVELOPMENTAL DYNAMICS OF THE EXPRESSION OF CALCIUM-BINDING PROTEINS IN THE HUMAN FETAL SUBTHALAMIC NUCLEUS**

12:15 - 12:15

Ema Bokulić (Zagreb, Croatia)

**GLS1-MEDIATED GLUTAMINOLYSIS IS REQUIRED FOR POSTNATAL GROWTH OF THE CEREBRAL CORTEX**

12:15 - 12:15

Yun Zhou (Oslo, Norway)

**THE EFFECT OF SHANK3 DEFICIENCY ON NEURONAL CELL MORPHOLOGY AND SYNAPTIC PROTEINS IN DOPAMINERGIC BRAIN REGIONS**

12:15 - 12:15

Jan Bakos (Bratislava, Slovakia)

**RELN FUNCTIONS IN CORTICAL DEVELOPMENT AND NEURODEVELOPMENTAL DISORDERS**

12:15 - 12:15

Anne Teissier (Paris, France)

**INVESTIGATING THE PHARMACOLOGY OF SEROTONIN (5-HT) RECEPTORS USING COMPUTATIONAL MODELLING**

12:15 - 12:15

Love Onwuzuruike (Bristol, United Kingdom)

**MATHEMATICAL MODELLING OF NEURAL CIRCUITS EVOLUTION**

12:15 - 12:15

Alexey Pospelov (Helsinki, Finland)

**3DEEPOG: A ROBUST DEEP LEARNING-BASED EYE MOVEMENT TRACKING SYSTEM FOR NEURODIAGNOSTIC APPLICATIONS**

12:15 - 12:15

Jingkang Zhao (Munich, Germany)

**MULTISCALE MODELLING USING "SNUDDA": FROM SUBCELLULAR BIOCHEMISTRY TO NEURONAL NETWORKS**

12:15 - 12:15

J J Johannes Hjorth (Stockholm, Sweden)

**EVALUATING THE LINK BETWEEN SEX, POLYGENIC RISK FOR SEX-BIASED DISORDERS, AND BRAIN AGING**

12:15 - 12:15

Arielle Crestol (Oslo, Norway)

**CAUSAL RISK FACTORS AND POLYGENIC OVERLAP BETWEEN PREGNANCY-RELATED DISORDERS AND BRAIN DISORDERS**

12:15 - 12:15

Hannah Oppenheimer (Oslo, Norway)

**NON-NEGATIVE VALUE-RNN ENABLES LEARNING OF REPRESENTATION AND VALUE THROUGH LOOSE ALIGNMENT**

12:15 - 12:15

Kenji Morita (Tokyo, Japan)

<b>TEACHING COMPUTATIONAL SKILLS IN NEUROSCIENCE</b> Atle Eskeland Rimehaug (Bonn, Germany)	12:15 - 12:15
<b>DATA-DRIVEN COMPUTATIONAL MODELLING TRACKS EXCITATION/INHIBITION CHANGES IN EPILEPTIC BRAIN TISSUE AND DIFFERENTIATES SEIZURE TYPES</b> Isa Dallmer-Zerbe (Prague, Czech Republic)	12:15 - 12:15
<b>PATHOLOGICAL BRAIN DYNAMICS USING EXPLAINABLE GRAPH GEURAL GETWORKS</b> Mohamed Radwan (Oslo, Norway)	12:15 - 12:15
<b>GENOME SCALE BIOLOGICALLY INFORMED NEURAL NETWORK FOR CLASSIFYING ALZHEIMER'S DISEASE-RELATED CELL STATE: AN EXPLAINABLE AI APPROACH</b> Danish Anwer (Gothenburg, Sweden)	12:15 - 12:15
<b>UNDERSTANDING AND IDENTIFYING NOVEL SUBGROUPS IN ALZHEIMER'S DISEASE THROUGH GENE REGULATORY NETWORKS</b> Danish Anwer (Gothenburg, Sweden)	12:15 - 12:15
<b>MAPPING TRANSCRIPTIONAL DYSREGULATION IN ALZHEIMER'S DISEASE USING SINGLE-CELL NETWORK INFERENCE</b> Julius Enerås (Gothenburg, Sweden)	12:15 - 12:15
<b>UNCOVERING THE DYNAMICS OF WHOLE-BRAIN NEURAL CIRCUITS USING TEMPORALLY STRUCTURED RECURRENT BOLTZMANN MACHINES</b> Luuk Willem Hesselink (Nijmegen, Netherlands)	12:15 - 12:15
<b>POLYHEDRAL DECOMPOSITIONS AND TOPOLOGICAL TRANSFORMATIONS IN POPULATIONS OF NEURONS</b> Kosio Beshkov (Oslo, Norway)	12:15 - 12:15
<b>MAINTAINING DECODABILITY OF MEMORIES FORMED VIA BEHAVIOURAL TIMESCALE SYNAPTIC PLASTICITY (BTSP)</b> Krubeal Danieli (Oslo, Norway)	12:15 - 12:15
<b>COMPUTATIONAL MODELING OF NEURON-ASTROCYTE INTERACTIONS: TRIPARTITE CONNECTIVITY AND SYNAPTIC MODULATION</b> Hans Ekkehard Plesser (Ås, Norway)	12:15 - 12:15
<b>LEARNING PLACE CELL REPRESENTATIONS AND CONTEXT- DEPENDENT REMAPPING THROUGH A SIMILARITY-BASED OBJECTIVE</b> Mikkel Lepperød (Oslo, Norway)	12:15 - 12:15
<b>EXPONENTIAL MAP MODELS AS AN INTERPRETABLE FRAMEWORK FOR GENERATING SPATIAL REPRESENTATIONS</b> Markus Pettersen (Oslo, Norway)	12:15 - 12:15
<b>A MINIMAL BIOPHYSICAL MODEL OF ASTROCYTE-NEURON INTERACTIONS IN POTASSIUM HOMEOSTASIS AND EPILEPSY</b> aitakin Ezzati (Marseille, France)	12:15 - 12:15
<b>A GEOMETRIC MODEL ILLUSTRATES THE KEY ROLE OF WIRING COSTS AND SPATIAL DISTRIBUTIONS IN NETWORK DEVELOPMENT</b> Nicholas Christiansen (Trondheim, Norway)	12:15 - 12:15
<b>INVESTIGATING DEGENERACY IN BIOPHYSICALLY DETAILED MODELS OF JUVENILE CA1 PYRAMIDAL NEURONS</b> Matus Tomko (Bratislava, Slovakia)	12:15 - 12:15

<b>PREVALENCE OF DRUG-INDUCED MOVEMENT DISORDERS IN MENTAL DISORDERS USING AI-POWERED DATA EXTRACTION</b> Monika Sharma (RAJASTHAN, India)	12:15 - 12:15
<b>SYNAPTIC POTENTIATION STABILIZES STRUCTURAL AND FUNCTIONAL NETWORK ABNORMALITIES IN ALS MOTOR NEURONS</b> Marthe Bendiksvoll Grønlie (Trondheim, Norway)	12:15 - 12:15
<b>THE ROLE OF UNCOUPLING PROTEIN 2 (UCP2) IN STRESS ADAPTATION: INSIGHTS FROM A KNOCK-OUT RAT MODEL</b> Adrienn Szabó (Pécs, Hungary)	12:15 - 12:15
<b>PUTATIVE FENESTRATIONS VISUALIZED IN CAPILLARIES FROM HYPOTHALAMIC TISSUE USING SCANNING ELECTRON MICROSCOPY</b> Stefan Huijgens (Tromsø, Norway)	12:15 - 12:15
<b>IS PROLACTIN A KEY PLAYER IN THE ACUTE STRESS RESPONSE WITH SEX-SPECIFIC DIFFERENCES?</b> Zuraiha Waffa (Jena, Germany)	12:15 - 12:15
<b>DUALISTIC NATURE OF MUSCLE-BRAIN CROSSTALK</b> Julien Wirtz (Dijon, France)	12:15 - 12:15
<b>MODERATE-INTENSITY CONTINUOUS TRAINING AND HIGH INTENSITY INTERVAL TRAINING INDUCE GAINS IN BRAIN ENERGETIC METABOLISM THROUGH DIFFERENT PATHWAYS IN AGED RATS</b> Cécile Marcourt (Marseille, France)	12:15 - 12:15
<b>THE SUBJECTIVE AND BEHAVIOURAL EFFECTS OF HEROIN DEPEND ON PERIPHERAL OPIOIDERGIC MECHANISMS</b> Dhaval D. Joshi (Cambridge, United Kingdom)	12:15 - 12:15
<b>HETERODIMERIZATION OF MELANOCORTIN 3 RECEPTOR (MC3R) IN THE PRESENCE OF A MEMBRANE-ASSOCIATED E3 LIGASE (RNF11)</b> SEYDA TUGCE DURHAN (Ankara, Turkey)	12:15 - 12:15
<b>UNRAVELLING HOW CEREBROSPINAL FLUID FLOW AND DIFFUSION SHAPE SOLUTE TRANSPORT IN THE BRAIN</b> Nathalie Jurisch-Yaksi (Trondheim, Norway)	12:15 - 12:15
<b>KEY PREDICTORS OF AGING RATE IN PSYCHOSOCIALLY STRAINED CONDITIONS</b> Osvaldas Rukšėnas (Vilnius, Lithuania)	12:15 - 12:15
<b>ASTROCYTIC FOXO1 IN THE HYPOTHALAMUS REGULATES METABOLIC HOMEOSTASIS</b> Ki Woo Kim (Seoul, Korea, Republic of)	12:15 - 12:15
<b>EFFECT OF BLOOD PRESSURE ON THE AMPLITUDE OF PHYSIOLOGICAL BRAIN PULSATIONS</b> Lauri Raitamaa (Oulu, Finland)	12:15 - 12:15
<b>METABOLIC FUNCTIONS OF THE HIPPOCAMPUS</b> Ekin Kaya (Oslo, Norway)	12:15 - 12:15
<b>THE DIFFERENTIAL EFFECTS OF SALVIA SCLAREA L. OIL AND LINALYL ACETATE ON DEPRESSION LEVELS IN DIABETIC FOOT ULCER PATIENTS WITH T2DM</b> Geun Hee Seol (Seoul, Korea, Republic of)	12:15 - 12:15
<b>UPPSALA UNIVERSITY BEHAVIORAL FACILITY (UUBF), YOUR NEW PARTNER IN BEHAVIORAL STUDIES IN MICE, RATS OR</b>	12:15 - 12:15

**FISH**

Stina Lundberg (Uppsala, Sweden)

**EVERY MOUSE COUNTS! THE VALIDATION OF THE  
EXPERIMENTAL UNIT IN THE FOCUS OF ANIMAL WELFARE**

12:15 - 12:15

Miriam A. Vogt (Heidelberg, Germany)

**COMPARATIVE ANALYSIS OF THE MOLECULAR, SPATIAL, AND  
FUNCTIONAL DOMAINS OF VERTEBRATE HABENULA**

12:15 - 12:15

Yağnur Işık Çiftci Çobanoğlu (Trondheim, Norway)

**DISTINCT TRAJECTORIES OF SYMPTOMS, COGNITIVE  
FUNCTIONS AND DAILY ACTIVITIES IN ELDER TWINS  
DISCORDANT FOR PAST DEPRESSION: AN EXTENDED NETWORK  
ANALYSIS**

12:15 - 12:15

Maria Semkovska (Odense, Denmark)

**HIPPOCAMPAL FUNCTIONAL CONNECTIVITY TO REGIONS OF  
INTEREST WITHIN THE PREFRONTAL CORTEX AND COGNITIVE  
FLEXIBILITY**

12:15 - 12:15

Johanna Rosa Heckmann (Wuerzburg, Germany)

**THE EVOLUTIONARY REORGANIZATION OF THE DENTATE GYRUS  
AND CA3 IN AN ONTOGENETIC PERSPECTIVE**

12:15 - 12:15

Trygve Leergaard (Oslo, Norway)

**THE COMPUTATIONAL PSYCHIATRY OF INSIGHT: PARAMETERS  
OF INNER AND OUTER BODY BELIEF UPDATING IN ANOREXIA  
NERVOSA**

12:15 - 12:15

Aikaterini Fotopoulou (London, United Kingdom)

**BEYOND DIAGNOSTICS: A DIMENSIONAL APPROACH TO MENTAL  
PROFILING**

12:15 - 12:15

Niels Mørch (Aarhus C, Denmark)

Wednesday, June 18, 2025

*Poster session*

12:15 - 14:15

VBH, 1st floor

**Poster Session II with presenters in attendance**

<b>TARPS IN THE REGULATION OF M-CHANNEL FUNCTION AND NEURONAL EXCITABILITY</b>	12:15 - 12:15
Telmo Leal (Coimbra, Portugal)	
<b>DYNAMICS OF THE EFFECTS OF KETAMINE ON SYNAPTIC DENSITY: AN SV2A PET STUDY IN A MOUSE MODEL OF DEPRESSION</b>	12:15 - 12:15
Cassandre Corvo (Orsay, France)	
<b>EFFECTS OF VARIOUS EXERCISE TYPES ON HIPPOCAMPAL DENDRITIC SPINE MORPHOLOGY IN RATS</b>	12:15 - 12:15
Musa Buğra Bilgin (Eskişehir, Turkey)	
<b>PHOSPHORYLATION OF PLPPR3 MEMBRANE PROTEINS AS SIGNALING INTEGRATOR AT CNS SYNAPSES</b>	12:15 - 12:15
Domonkos Nagy-Herczeg (Berlin, Germany)	
<b>COPPER TRANSPORTER 1 CONTRIBUTES TO OLFACTORY PATHWAY IN MICE</b>	12:15 - 12:15
Jeongmin Lee (Gwangju, Korea, Republic of)	
<b>MICE EXPERIENCING MILD CHRONIC STRESS EXHIBIT A REDUCED LEVEL OF CYTOPLASMIC HDA4 IN THE NUCLEUS ACCUMBENS: IMPLICATIONS FOR GLUTAMATERGIC SYNAPTIC TRANSMISSION</b>	12:15 - 12:15
Claudia Colussi (Rome, Italy)	
<b>UNEXPECTED ROLE OF REST/NRSF IN SUPPORTING NMDA RECEPTORS AND SYNAPTIC STRENGTH</b>	12:15 - 12:15
Ninfa Luccardi (Genoa, Italy)	
<b>EXPRESSION, SUBCELLULAR LOCALIZATION, AND FUNCTIONAL ANALYSIS OF INTELLECTUAL DISABILITY SYNDROME PROTEIN ABBA</b>	12:15 - 12:15
Aqsa Jabeen (Helsinki, Finland)	
<b>EFFECTS OF PSYCHEDELICS AND CLASSICAL ANTIDEPRESSANTS ON TRKB DIMERIZATION, SPINOGENESIS AND NEUROTROPHIC SIGNALING</b>	12:15 - 12:15
Paula Pastor Muñoz (Helsinki, Finland)	
<b>ENVIRONMENTAL ENRICHMENT AND NEUROPLASTICITY-RELATED BEHAVIOURS</b>	12:15 - 12:15
Katja Kaurinkoski (Helsinki, Finland)	
<b>IMPACT OF DIVERSE ANTIDEPRESSANTS AND VOLUNTARY EXERCISE THROUGH TRKB ON VISUAL PLASTICITY IN ADULT MICE</b>	12:15 - 12:15
Cecilia Cannarozzo (Helsinki, Finland)	
<b>NEURAL PLASTICITY IN SOMATOSTATIN-EXPRESSING INTERNEURONS TO SUPPRESS COCAINESEEKING BEHAVIOUR</b>	12:15 - 12:15
Giuliano Didio (Helsinki, Finland)	
<b>INTERACTION OF BDNF AND GLUCOCORTICOID SIGNALING IN MODULATING NEUROPLASTICITY</b>	12:15 - 12:15
Cecilia Anna Brunello (Helsinki, Finland)	
<b>IMAGING OF BRAIN PLASTICITY USING FUNCTIONAL</b>	12:15 - 12:15

**ULTRASOUND**

Henriikka Hovi (Helsinki, Finland)

**THE SERINE-THREONINE KINASE NDR2 IMPAIRS SPATIAL MEMORY THROUGH AN INTERPLAY OF AUTOPHAGY AND PROTEOSTASIS ALTERATIONS IN THE AGEING HIPPOCAMPUS**

12:15 - 12:15

Miguel del Angel (Magdeburg, Germany)

**REGULATION OF NR2B TRAFFICKING AND GOLGI LOCALIZATION THROUGH 5-HT7 RECEPTOR SIGNALING AND AMPK ACTIVATION: IMPLICATIONS FOR SYNAPTIC PLASTICITY AND STRESS-INDUCED SYNAPTOPATHY**

12:15 - 12:15

Shohreh Pourmomen Jorshari (Warsaw, Poland)

**PROTEIN TRANSPORT FROM SYNAPSE-TO-NUCLEUS IS ESSENTIAL FOR LONG-LASTING ACTIVATION OF CREB FOLLOWING INDUCTION OF SYNAPTIC PLASTICITY**

12:15 - 12:15

Sebastian Samer (Magdeburg / Saxony-Anhalt, Germany)

**INOSITOL 1,4,5-TRISPHOSPHATE RECEPTOR TYPE 1 (IP 3 R1) AND CALCIUM IN SYNAPTIC VESICLES**

12:15 - 12:15

Ksenia Gorlova (Oslo, Norway)

**TIPPING THE SCALES: HOW DIFFERENTIAL SYNAPTIC VULNERABILITY TO AMYLOID-BETA OLIGOMERS MAY UNDERLIE NETWORK DISRUPTIONS DURING EARLY ALZHEIMER'S DISEASE**

12:15 - 12:15

S. Zehra H. Kazmi (Nijmegen, Netherlands)

**SMALL COMPOUNDS: A NEW PROMISING STRATEGY TO SAFEGUARD BDNF RECEPTOR IN ALZHEIMER'S DISEASE**

12:15 - 12:15

Sara Inteiro-Oliveira (Lisbon, Portugal)

**TRKB-ICD AND TAT-TRKB IN MICROGLIA: UNRAVELLING THEIR ROLE IN NEURON-MICROGLIA INTERACTIONS IN ALZHEIMER'S DISEASE CONTEXT**

12:15 - 12:15

Mafalda Ferreira-Manso (Lisboa, Portugal)

**BDNF RECEPTOR FRAGMENT DRIVES SYNAPTIC ALTERATIONS AND IS MIRRORED IN PLASMA-DERIVED EXTRACELLULAR VESICLES OF PATIENTS**

12:15 - 12:15

Tiago Costa-Coelho (Lisboa, Portugal)

**INVESTIGATING THE EFFECT OF CAFFEINE ON -AMYLOID ( ) INDUCED NEUROTOXICITY AND ITS LINK WITH THE GABAERGIC SYSTEM IN MOUSE PRIMARY HIPPOCAMPAL CULTURES**

12:15 - 12:15

Ying Zhai (Galway, Ireland)

**B-AMYLOID-INDUCED INCREASED TONIC CONDUCTANCE, IMPAIRED LTP AND COGNITIVE DEFICITS CHARACTERISTIC OF ALZHEIMER'S DISEASE ARE REVERSED BY AN A5 GABA TYPE A RECEPTOR INVERSE AGONIST**

12:15 - 12:15

Aoife O'Connell (Galway, Ireland)

**DIFFERENT AMYLOID B42 PREPARATIONS INDUCE DIFFERENT CELL DEATH PATHWAYS IN THE MODEL OF DIFFERENTIATED SH-SY5Y NEUROBLASTOMA CELLS**

12:15 - 12:15

Alp Yigit Ozdemir (Prague, Czech Republic)

**PROBING THE MOLECULAR IMPACT OF TAU PATHOLOGY ON NEURONAL INTEGRITY USING ADVANCED CRYO-ELECTRON TOMOGRAPHY**

12:15 - 12:15

Rebecca Csondor (Didcot, United Kingdom)

**INVOLVEMENT OF THE *DROSOPHILA* GENE YATA THAT IS RELATED TO ALZHEIMER'S DISEASE IN THE METABOLISM, GROWTH AND LONGEVITY SIGNAL**

12:15 - 12:15

Masaki Sone (Funabashi, Japan)

**A FRUITS AND VEGETABLES-DERIVED COMPOUND AA INDUCES MITOPHAGY AND ALLEVIATES TAU PATHOLOGY IN ALZHEIMER'S DISEASE LIKE MODELS** 12:15 - 12:15

Shuqin Cao (Lorenskog, Norway)

**EXTRACELLULAR VESICLES (EVS) DERIVED FROM PRECONDITIONED MESENCHYMAL STEM CELLS AS A NOVEL THERAPY AGAINST ALZHEIMER'S DISEASE** 12:15 - 12:15

Giulia Morello (Torino, Italy)

**NORADRENALINE ENHANCES SURVIVAL AND REDUCES AB AGGREGATION AND LPS-INDUCED NEUROINFLAMMATION IN HUMAN MICROGLIAL CELLS (HMC3)** 12:15 - 12:15

Zuzanna Granek (Lodz, Poland)

**EZH2 DOWNREGULATION MODULATES NEUROINFLAMMATION AND ALLEVIATES NEURONAL APOPTOSIS IN AN *IN VITRO* MODEL OF ALZHEIMER'S DISEASE** 12:15 - 12:15

Kamil Saramowicz (Lodz, Poland)

**INVESTIGATING THE IMPACT OF KETOGENIC DIET ON CEREBELLAR GENE EXPRESSION IN ALZHEIMER'S DISEASE** 12:15 - 12:15

Nur Damla Korkmaz (Istanbul, Turkey)

**BIOSAFETY CHARACTERIZATION OF BIOCOMPATIBLE POLYMERIC NANOGELS AS POTENTIAL NEUROPROTECTIVE DRUG CARRIERS IN ALZHEIMER'S DISEASE** 12:15 - 12:15

Manuele Gori (Monterotondo (Rome), Italy)

**. RICE BRAN EXTRACT AMELIORATES METAL MIXTURE-INDUCED CEREBRAL CORTEX TOXICITY. POSSIBLE ROLE OF NRF-2/HMOX-1/BDNF SIGNALLING PATHWAYS** 12:15 - 12:15

Chinna Orish (Port Harcourt, Nigeria)

**NANOBUBBLE-MEDIATED SONOBIOPSY FOR ENHANCED PROTEIN BIOMARKER DETECTION IN GLIOBLASTOMA** 12:15 - 12:15

Roni Gattegno (Tel Aviv, Israel)

**HIGH-THROUGHPUT KNOCKDOWN SCREENING FOR MODIFIERS OF NEURONAL MORPHOLOGY IN PATIENT-DERIVED NEURONS** 12:15 - 12:15

Selene Lickfett (Düsseldorf, Germany)

**TISSUE DISTRIBUTION OF KYNURENIC ANALOGUE SZR104 IN THE BRAIN, CSF, AND PLASMA: *IN VIVO* ANALYSIS OF DOSAGE, CONCENTRATIONS, AND CLEARANCE TIMES** 12:15 - 12:15

Evelin Fehér (Szeged, Hungary)

**BALANCING NEUROINFLAMMATION: TNFR1 AND TNFR2 AS THERAPEUTIC TARGETS IN ALZHEIMER'S DISEASE** 12:15 - 12:15

Irem Bayraktaroglu (Groningen, Netherlands)

**SELECTIVE TNF RECEPTOR 2 ACTIVATION ALLEVIATES INFLAMMATION AND NEUROLOGICAL DEFICITS IN MULTIPLE SCLEROSIS** 12:15 - 12:15

Natalia Ortí-Casañ (Groningen, Netherlands)

**TAU DEPENDENT MICROTUBULE ORGANIZATION IN DORSAL ROOT GANGLION (DRG) NEURONS AND ITS IMPACT ON AXON REGENERATION AND FUNCTION** 12:15 - 12:15

Lisha Singh (Osnabrueck, Germany)

**INVESTIGATING THE NEUROPROTECTIVE POTENTIAL OF EZETIMIBE AND SERICIN AGAINST LEAD-INDUCED NEUROTOXICITY IN RAT MODEL** 12:15 - 12:15



Pooja Temgire (Bathinda, India)

**COMBINED USE OF OLFACTORY MUCOSAL MESENCHYMAL STEM CELLS SECRETOME AND NEURAL GUIDE CONDUITS PROMOTES NERVE REGENERATION IN AN OVINE MODEL** 12:15 - 12:15

Rui Alvites (Porto, Portugal)

**GENETICALLY ENGINEERED EXTRACELLULAR VESICLES DERIVED FROM HUMAN UMBILICAL CORD MESENCHYMAL STEM CELLS TARGET MACROPHAGES AND MITIGATE GLUTAMATE-INDUCED CELL TOXICITY** 12:15 - 12:15

Shukla Kuhshi (Lucknow, India)

**PSYCHOLOGICAL PROFILE AND QUALITY OF LIFE IN PATIENTS WITH OSA** 12:15 - 12:15

Daniela Petrova (Sofia, Bulgaria)

**INVESTIGATING THE FUNCTIONAL IMPACT OF RBM12 MUTATION IN PATIENT-DERIVED NEURONS** 12:15 - 12:15

Yara Hussein (Haifa, Israel)

**OLIGODENDROCYTE PRECURSOR CELL DYNAMICS DICTATE REMYELINATION EFFICIENCY IN AGING** 12:15 - 12:15

Katharina Eichenseer (Munich, Germany)

**MICROPRINTED 3D SCAFFOLDS FOR REPAIR OF PERIPHERAL NERVE INJURY** 12:15 - 12:15

Valeriia Ustymenko (Kyiv, Ukraine)

**THE EFFECT OF HYBRID CARBON COMPOSITES IN MESENCEPHALIC CELL CULTURES** 12:15 - 12:15

Danuta Jantas (Krakow, Poland)

**EPIGENETIC TRIGGERS IN THE MAMMALIAN RETINAL RESPONSE TO DAMAGE AND AGING** 12:15 - 12:15

Monica Lamas (Mexico City, Mexico)

**AUTOPHAGY DYNAMICS IN AXONAL GROWTH, INJURY AND REGENERATION** 12:15 - 12:15

ANDA CIMPEAN (Prague, Czech Republic)

**NEUROPROTECTIVE EFFECTS OF *CANNABIS SATIVA* ON ALUMINIUM CHLORIDE-INDUCED NEUROTOXICITY IN LONG EVANS RATS** 12:15 - 12:15

ABDULQUDUS OMIRUDE (Zaria Kaduna, Nigeria)

**GENE THERAPY FOR EFFICIENT SUPPRESSION OF T-TYPE CHANNELS IN TREATING DIABETIC NEUROPATHY** 12:15 - 12:15

Pavel Belan (Kyiv, Ukraine)

**MULTIOMICS ANALYSIS REVEALS GLYCOSYLATION DEFECTS AND NEUROPATHOLOGICAL MECHANISMS IN ALG13-CDG HUMAN CORTICAL ORGANOID** 12:15 - 12:15

Tamas Kozicz (New York, United States)

**DAPAGLIFLOZIN-MEDIATED NEUROPROTECTION IN *IN VITRO* AND *IN VIVO* TOXICITY MODELS** 12:15 - 12:15

STAVROULA SERETI (Ioannina, Greece)

**LONG NONCODING RNA (LNCRNA) FRAGMENT PROMOTING PERIVASCULAR ASTROGLIOSIS IN THE CEREBRAL CORTEX** 12:15 - 12:15

Masakazu Umezawa (Tokyo, Japan)

**ABERRANT INTERHEMISPHERIC RESTING-STATE BOLD FUNCTIONAL CONNECTIVITY AT ~0.1 HZ IN PATIENTS WITH ONE-SIDED INTERNAL CAROTID ARTERY STENOSIS** 12:15 - 12:15

Sangcheon Choi (Munich, Germany)

**ASSESSMENT OF CORNEAL SENSITIVITY IN AN OCULAR ROSACEA MOUSE MODEL EXPOSED TO ULTRAVIOLET B** 12:15 - 12:15

Alizée CARTIER (Clermont-Ferrand, France)

**MEMORY DEFICITS IN THE POST-COVID CONDITION - RELATION TO STRUCTURE AND FUNCTION OF THE MEDIAL TEMPORAL LOBE** 12:15 - 12:15

Ivan Krasovec (Trondheim, Norway)

**EPIGENETIC EDITING ALLEVIATES ANGELMAN SYNDROME PHENOTYPE IN MICE BY UNSILENCING PATERNAL UBE3A** 12:15 - 12:15

Changyang Zhou (Shanghai, China)

**LEVERAGING 3RS PRINCIPLES FOR GLIAL STUDIES: FUNCTIONAL RECORDINGS FROM EX VIVO HUMAN ASTROCYTES** 12:15 - 12:15

Olga Tiurikova (London, United Kingdom)

**CHARACTERIZATION OF MRNA-LOADED NANOPARTICLES TO NEURONAL CELLS: A STEP TOWARD CNS TREATMENT** 12:15 - 12:15

Katarína Ondáčová (Bratislava, Slovakia)

**BEYOND AGGRESSION: UNCOVERING THE PHENOTYPIC IDENTITY OF SOCIAL RANK IN MALE MICE** 12:15 - 12:15

Deborá Masini (Stockholm, Sweden)

**COMPARATIVE RESEARCH ANALYSIS OF LEARNING IN ACTIVE AVOIDANCE AND BARNES MAZE TASKS IN RATS** 12:15 - 12:15

Nino Tkemaladze (Tbilisi, Georgia)

**FUNCTIONAL ANALYSIS OF AXO-AXONIC CELLS IN THE BLA DURING FEAR LEARNING** 12:15 - 12:15

Miki Nakashima (Bunkyo-ku, Tokyo, Japan)

**THE INVOLVEMENT OF CHOLINERGIC LATERAL SEPTUM NEURONS IN PROCESSING ANXIETY AND NOXIOUS STIMULI IN MALE AND FEMALE MICE** 12:15 - 12:15

Victoria Lyakhova (Budapest, Hungary)

**INHIBITION MEDIATED BY TYPE III MGLUR'S REGULATES HABENULAR ACTIVITY AND DEFENSIVE BEHAVIORS** 12:15 - 12:15

Emre Yakşi (Trondheim, Norway)

**VIOLIN MAJOR MUSIC ALLEVIATES UNIVERSITY STUDENTS' ANXIETY MAYBE THROUGH THE DACC AND DLPFC CIRCUITS** 12:15 - 12:15

Qianwen LUO (Kowloon, Hong Kong)

**DIFFERENTIAL NEURAL CORRELATES OF SIGN- AND GOAL-TRACKING IN THE NUCLEUS ACCUMBENS AND LOCUS COERULEUS: IMPLICATIONS FOR OUR UNDERSTANDING OF RESILIENCE AGAINST THE DEVELOPMENT OF COMPULSION** 12:15 - 12:15

Chloe Chernoff (Cambridge, United Kingdom)

**SEX-DEPENDENT DIFFERENTIAL CONTROL OF ALCOHOL DRINKING UNDER NEGATIVE REINFORCEMENT BY MEMORY AND INTEROCEPTIVE SYSTEMS IN RATS** 12:15 - 12:15

Joseph Innes (Cambridge, United Kingdom)

**SEX DIFFERENCES IN THE STRIATAL ASTROCYTIC TRANSCRIPTOME ARE ASSOCIATED WITH A SEXUALLY DIMORPHIC ASTROCYTE-MEDIATED RECRUITMENT OF INCENTIVE HEROIN-SEEKING HABITS** 12:15 - 12:15

Tristan Hynes (Cambridge, United Kingdom)

<b>REPEATED NON-CONTACT EXPOSURE TO PUPS INHIBITS INFANTICIDAL AND FACILITATES PATERNAL BEHAVIOR IN VIRGIN ADULT MALE MICE (C57BL6)</b>	12:15 - 12:15
Daniel Olazabal (Montevideo, Uruguay)	
<b>A DEDICATED HYPOTHALAMUS-MIDBRAIN HISTAMINERGIC CIRCUIT MEDIATES SOCIAL NOVELTY</b>	12:15 - 12:15
Jialu Chen (Hangzhou, China)	
<b>SOCIAL MEMORY DEFICITS INDUCED BY A BRAF HYPERACTIVATING MUTATION IN AN INTERNEURON-SPECIFIC MOUSE MODEL OF RASOPATHY AND THEIR RESCUE BY CHRONIC DENTATE GYRUS INTERNEURON INHIBITION</b>	12:15 - 12:15
Jeimmy Marcela Ceron Gonzalez (Magdeburg, Germany)	
<b>ACTIVATION OF NEURONAL ENSEMBLES ENHANCES PATTERN SEPARATION</b>	12:15 - 12:15
Elif Gizem Kain (Magdeburg, Germany)	
<b>TOPOGRAPHIC ORGANIZATION OF THE DIVERSITY OF CORTICAL FAST-SPIKING GABAERGIC NEURONS</b>	12:15 - 12:15
Maximiliano J Nigro (Trondheim, Norway)	
<b>DIFFERENTIAL CONTRIBUTIONS OF INHIBITORY NEURONAL SUBTYPES TO FORMS OF SHORT- AND LONG-TERM HABITUATION</b>	12:15 - 12:15
Amy Lawson (London, United Kingdom)	
<b>SPATIAL MULTIOMIC ASSAY FOR STUDYING INTERNEURON HETEROGENEITY IN THE BRAIN</b>	12:15 - 12:15
Jack Hunter (Abingdon, United Kingdom)	
<b>CONDITIONAL KNOCKOUT OF NDR2 IN FOREBRAIN GABAERGIC INTERNEURONS INCREASES CONTEXT-DEPENDENT ACTIVITY LEVELS AND REDUCES SHOCK-INDUCED FREEZING BEHAVIOR IN MICE</b>	12:15 - 12:15
Anna-Marija Zweigerdt (Magdeburg, Germany)	
<b>INVESTIGATING THE BRAIN MECHANISMS BEHIND LOOKING, SEEING, AND DECISION-MAKING IN A VISUAL SEARCH TASK USING EVENT-RELATED POTENTIALS (ERP)</b>	12:15 - 12:15
Vladislav Aksiotis (Tübingen, Germany)	
<b>LAYER 5 MARTINOTTI AND PYRAMIDAL NEURONS CONTRIBUTE DISTINCTIVELY TO SPATIAL INFORMATION ENCODING IN THE MOTOR CORTEX</b>	12:15 - 12:15
Thawann Malfatti (Uppsala, Sweden)	
<b>THE ROLE OF LAYER 5 MARTINOTTI CELLS IN MOTOR LEARNING: INVESTIGATING THE NEURAL CIRCUITRY UNDERLYING COMPLEX MOTOR ACTIONS</b>	12:15 - 12:15
Barbara Ciralli (Uppsala, Sweden)	
<b>DISENTANGLING SINGLE NEURON AND POPULATION-LEVEL CONTRIBUTIONS TO SPATIAL COMPUTATION AND MEMORY</b>	12:15 - 12:15
Ian Hawes (Edinburgh, United Kingdom)	
<b>INVESTIGATION OF THE FUNCTION OF NEUROGLIAFORM AND TYROSINE HYDROXYLASE POSITIVE INTERNEURONS IN A LARGE-SCALE BIOPHYSICALLY DETAILED MODEL OF THE STRIATAL MICROCIRCUIT</b>	12:15 - 12:15
Robert Lindroos (Solna, Stockholm, Sweden)	
<b>FEAST OR FRIENDSHIP: ROLE OF OXYTOCIN IN BEHAVIOURAL PRIORITISATION</b>	12:15 - 12:15
Niranjan Biju (Regensburg, Germany)	

<b>HOW STUTTERING SHAPES BRAIN ACTIVITY: AN FMRI STUDY</b> Lina Aldibas (Riyadh, Saudi Arabia)	12:15 - 12:15
<b>ADMINISTRATION OF NEUROPEPTIDE QRFP INTO THE LATERAL HYPOTHALAMUS AFFECTS SOCIAL MEMORY IN WISTAR RATS</b> Olga Zagoracz (Pecs, Hungary)	12:15 - 12:15
<b>DISCERNING NATURALISTIC BEHAVIORS AND THEIR CORTICAL REPRESENTATIONS BY TRACKING BODY POSTURE AND WHISKER DEPLOYMENT IN RATS</b> Jerneja Rudolf (Trondheim, Norway)	12:15 - 12:15
<b>TOPOGRAPHICALLY ORGANIZED SENSORY-MOTOR ACTIVITY OF DORSAL RAPHE AND ITS FOREBRAIN INNERVATIONS MODULATE RESTING-STATE AND SENSORY-EVOKED FOREBRAIN ACTIVITY AND ANIMAL BEHAVIOR</b> Aytac Kadir Mutlu (Trondheim, Norway)	12:15 - 12:15
<b>THE INTERNAL FUNCTIONAL STATE OF THE THALAMUS EXPLAINS VARIABILITY IN ONGOING CORTICAL ACTIVITY AND ITS RESPONSE TO STIMULI</b> Andrew Bagshaw (Birmingham, United Kingdom)	12:15 - 12:15
<b>COLLATERAL CONNECTOMES OF <i>ESR1</i>-POSITIVE HYPOTHALAMIC NEURONS MODULATE DEFENSIVE BEHAVIOR PLASTICITY</b> Veronika Csillag (Solna, Sweden)	12:15 - 12:15
<b>SAFETY OF LONG-TERM PI3K DELTA EXPRESSION IN TREATMENT OF RAT SPINAL CORD INJURY</b> Zuzana Polcanova (Prague, Czech Republic)	12:15 - 12:15
<b>THE ROLE OF PI3K DELTA ON PROTEIN EXPRESSION IN THE CONTEXT OF SPINAL CORD INJURY</b> Lydia Knight (Prague, Czech Republic)	12:15 - 12:15
<b>AN INTACT LATERAL ORBITOFRONTAL CORTEX IS REQUIRED FOR CONTINGENCY DEGRADATION LEARNING BUT NOT FOR CONTINGENCY DEGRADATION RETRIEVAL</b> Maedeh Mahmoudi (Sydney, Australia)	12:15 - 12:15
<b>DEFINING THE ROLE OF LYMPHATIC VESSELS IN REGENERATION AFTER SPINAL CORD INJURY</b> Melek Umay Tuz Sasik (Uppsala, Sweden)	12:15 - 12:15
<b>TRANSIENT AND SIDE-INVARIANT RESPONSES TO TACTILE STIMULATION IN THE PERIRHINAL CORTEX</b> Rejwan Hamza Farhad Salih (Trondheim, Norway)	12:15 - 12:15
<b>SPATIO-TEMPORAL ORGANIZATION OF RESTING STATE AND SENSORY EVOKED ACTIVITY IN THE ZEBRAFISH TELECEPHALON</b> Emiliano Jimenez Marquez (Trondheim, Norway)	12:15 - 12:15
<b>LATERAL HYPOTHALAMIC INPUT TO ANTERIOR THALAMUS REGULATES FEEDING MOTIVATION</b> Chantal Wissing (Cologne, Germany)	12:15 - 12:15
<b>THE ROLES OF THE CHOROID PLEXUS IN REGULATING BRAIN HOMEOSTASIS, NEURONAL ACTIVITY AND ANIMAL BEHAVIOR</b> Inyoung Jeong (Trondheim, Norway)	12:15 - 12:15
<b>EXPLORING CONNECTIVITY ALONG THE ANTERIOR-POSTERIOR AXIS OF THE PIRIFORM CORTEX</b> Sebastian Bitzenhofer (Hamburg, Germany)	12:15 - 12:15
<b>INTRINSIC PROPERTIES OF EXTERNAL GLOBUS PALLIDUS</b>	12:15 - 12:15

<b>NEURONS IN DOPAMINE DEPLETED MICE</b>	
Alessia Ricci (Stockholm, Sweden)	
<b>NEURONAL ENSEMBLES ENCODING SENSORY BEHAVIOR ARE DEFINED BY ASTROCYTE EXCITABILITY</b>	12:15 - 12:15
Andrea Misol Ortiz (Toledo, Spain)	
<b>COMBINATORIAL BIOMATERIAL AND MOTOR TRAINING THERAPY PROMOTES SUPRASPINAL PLASTICITY AND FUNCTIONAL RECOVERY AFTER SPINAL CORD INJURY</b>	12:15 - 12:15
Verónica Barranco-Maresca (Toledo, Spain)	
<b>MANIPULATION OF ASTROCYTES WITH NEUROTOXIC POTENTIAL IN SPINAL CORD AS A THERAPEUTIC TARGET FOR MOTOR AND FUNCTIONAL RECOVERY AFTER INCOMPLETE SPINAL CORD CONTUSION INJURY.</b>	12:15 - 12:15
María de Lamo Atencia (Toledo, Spain)	
<b>DECODING THE CEREBELLO-STRIATAL PATHWAY: CELLULAR AND SYNAPTIC MECHANISMS FOR SENSORIMOTOR FUNCTION</b>	12:15 - 12:15
Jing-Jing Chen (Stockholm, Sweden)	
<b>PRE- AND POSTSYNAPTIC DETERMINANTS OF CLAUSTRO-CORTICAL CONNECTIVITY</b>	12:15 - 12:15
Roberto de la Torre-Martinez (Stockhol, Sweden)	
<b>THE ART OF THE STOP: THE NEURAL POPULATIONS THAT BOTH GENERATE AND PAUSING MOVEMENT FORM A CONTINUOUS ATTRACTOR NETWORK IN THE SPINAL CORD</b>	12:15 - 12:15
Rune Berg (KBH N, Denmark)	
<b>CORTICO-SPINAL DYNAMICS DURING RODENT LOCOMOTION</b>	12:15 - 12:15
Omar Refy (Copenhagen, Denmark)	
<b>LOCAL ACTIVITY OF DEEP CORTICAL LAYERS PREDICTS THE INFORMATION PROPAGATION AMONG DISTANT CORTICAL AREAS</b>	12:15 - 12:15
Alessandro Arena (Oslo, Norway)	
<b>PUPIL CONSTRICTS DURING MINDFULNESS MEDITATION</b>	12:15 - 12:15
Motoharu Takao (Hiratsuka, Japan)	
<b>AGE-RELATED COGNITIVE CHANGES IN ELDERLY MALES</b>	12:15 - 12:15
Dilli Ram Niroula (Tankisinuwari, Nepal)	
<b>THE VISUAL CORTEX IN THE BLIND BUT NOT THE AUDITORY CORTEX IN THE DEAF BECOMES MULTIPLE DEMANDS REGIONS</b>	12:15 - 12:15
Hasan Duymuş (ANKARA, Turkey)	
<b>SUBCORTICAL AND CORTICAL NEURAL SIGNATURES OF HALLUCINATIONS IN PARKINSON'S DISEASE</b>	12:15 - 12:15
Emanuela De Falco (Birmingham, United Kingdom)	
<b>AT THE BEGINNING OF EMOTIONAL BURNOUT: ANXIETY TENSION STAGE FORMATION</b>	12:15 - 12:15
João Miguel Alves Ferreira (Coimbra, Portugal)	
<b>STUDY OF PSYCHOLOGICAL INTERVENTION AND EEG IN ADHD CHILDREN</b>	12:15 - 12:15
irma Khachidze (Tbilisi, Georgia)	
<b>RISK, REWARD AND RESTRAINT: INVESTIGATING IMPULSIVITY ON A RODENT GAMBLING TASK</b>	12:15 - 12:15
Nahanni Musiani (Vancouver, Canada)	
<b>STRUCTURAL BRAIN ABNORMALITIES OF THE SUBCORTICAL</b>	12:15 - 12:15

**LIMBIC SYSTEM IN PATIENTS DIAGNOSED WITH SCHIZOPHRENIA AND BIPOLAR DISORDER**

Eirik Gustav Blakstad (Oslo, Norway)

**ENHANCING COGNITIVE PERFORMANCE THROUGH OLFACTORY STIMULATION: THE IMPACT OF LAVENDER ODOR ON PROBLEM-SOLVING AND MEMORY ACROSS DIFFERENT AGE GROUPS**

12:15 - 12:15

Muhammad Saim (Quetta, Pakistan)

**CHANGES IN MISMATCH NEGATIVITY (MMN) AND ERROR RELATED NEGATIVITY (ERN) DURING A HEALTHY PREGNANCY**

12:15 - 12:15

Anne Charlotte Matteit (Oslo, Norway)

**NEUROPHYSIOLOGICAL FEATURES OF MENTAL STRESS AND THEIR SEX-SPECIFIC DIFFERENCES**

12:15 - 12:15

**REWARD PREDICTION ERROR IN COMPULSIVE SEXUAL BEHAVIORS - AN ERP STUDY**

12:15 - 12:15

Anna Staniszevska (Warsaw, Poland)

**MEMORY LANE: MAPPING THE HUMAN BRAIN'S TRAFFIC DURING ENCODING AND RETRIEVAL**

12:15 - 12:15

Ana Reinartz Groba (Oslo, Norway)

**EXAMINING PREDICTION ERROR IN ALCOHOL ADDICTION: AN EEG STUDY ON EVENT-RELATED POTENTIALS**

12:15 - 12:15

Tomasz Walkiewicz (Warsaw, Poland)

**MULTIMODAL ANALYSIS OF CAFFEINE'S EFFECTS ON CEREBRAL, CARDIAC, AND FATIGUE DYNAMICS ACROSS COGNITIVE TASKS AND RESTING STATES: AN EEG-FMRI STUDY**

12:15 - 12:15

Lina Mahmoud Saleh Alqam (Istanbul, Turkey)

**COGNITIVE PERFORMANCE OVER TIME: A PILOT STUDY USING COGNISCAN**

12:15 - 12:15

Bruna Oliveira (SAO PAULO, Brazil)

**THE ROLE OF THE VESTIBULAR SYSTEM IN AUDITORY-VERBAL WORKING MEMORY AND ITS PSYCHOPHYSIOLOGICAL CORRELATES: EVIDENCE FROM GALVANIC VESTIBULAR STIMULATION**

12:15 - 12:15

Claudio Zavattaro (Turin, Italy)

**THE EFFECT OF MEROPENEM ON BEHAVIOR, COGNITION, AND HIPPOCAMPAL NEUROGENESIS IN ADULT RATS**

12:15 - 12:15

Maram Chaaban (Beirut, Lebanon)

**STUDYING THE EFFECT OF CHRONIC PERIPHERAL INFLAMMATION, VIA TRANSURETHRAL INSTILLATION OF LPS INTO THE BLADDER, ON NEUROPLASTICITY**

12:15 - 12:15

Alaa El-Makkawi (Beirut, Lebanon)

**DIFFERENTIAL EFFECTS OF ACTIN MANIPULATING DRUGS SUGGEST A GROWTH PROTECTIVE ROLE OF STABILIZED ACTIN FILAMENTS IN LATER STAGES OF NEURONAL DEVELOPMENT**

12:15 - 12:15

Thorben Pietralla (Bonn, Germany)

**CHANGES IN NEUROGENESIS AND BEHAVIOUR IN ADULT MICE AFTER EXPOSURE TO FIPRONIL**

12:15 - 12:15

Kamila Fabianová (Košice, Slovakia)

**MATURE NEURONS IN THE RAT SUBVENTRICULAR ZONE AND ROSTRAL MIGRATORY STREAM OF INTACT AND MATERNALLY SEPARATED RATS**

12:15 - 12:15

Alexandra Popovičová (Košice, Slovakia)

<b>ENHANCEMENT OF BACTERIAL CELLULOSE GRAFTS WITH GLIAL CELL LINE-DERIVED NEUROTROPHIC FACTOR AND GOLD NANOPARTICLES IN PERIPHERAL NERVE INJURY</b> Özlem Kirazli (ISTANBUL, Turkey)	12:15 - 12:15
<b>MODULATION OF GAP43 EXPRESSION THROUGH NDR2 KINASE IN THE AGEING BRAIN</b> Allison Loaiza Zambrano (Magdeburg, Germany)	12:15 - 12:15
<b>HYPOXIA-INDUCIBLE FACTOR 2 PROMOTES PROCESSES THAT INCREASE THE REGENERATIVE CAPACITY OF NEURONAL CELLS VIA PRIMARY CILIA UNDER LOW OXYGEN CONDITIONS</b> Tristan Leu (Essen, Germany)	12:15 - 12:15
<b>PERSISTENT CORTICAL DIFFERENCES IN ADULTS WITH PRENATAL POLYDRUG AND OPIOID EXPOSURE: A LONGITUDINAL STUDY FROM CHILDHOOD TO ADULTHOOD</b> José Luis Alatorre Warren (Oslo, Norway)	12:15 - 12:15
<b>TENEURIN-4 DICTATES NEURONAL MIGRATION VIA STRUCTURALLY EXCLUSIVE INTERACTIONS</b> Miguel Berbeira-Santana (Oxford, United Kingdom)	12:15 - 12:15
<b>NEURONAL IL-1R1 MEDIATES EARLY LIFE STRESS EFFECTS ON SOCIAL AND ANXIETY-RELATED BEHAVIORS</b> MARIANNE CHARLENE MONET (Jupiter, FL, United States)	12:15 - 12:15
<b>22Q11.2DS IPSCS AS MODEL SYSTEM FOR INVESTIGATION OF MOLECULAR MECHANISM AND NOVEL THERAPEUTIC TARGETS IN NDDS</b> Mina Peric (Belgrade, Serbia)	12:15 - 12:15
<b>DELINEATING THE NEUROBIOLOGICAL MECHANISMS INVOLVED IN SETBP1-HAPLOINSUFFICIENCY DISORDER USING HUMAN NEURAL ORGANIDS AND TRANSCRIPTOMICS</b> Maggie MK Wong (NIJMEGEN, Netherlands)	12:15 - 12:15
<b>EARLY REBALANCING OF NEUROINFLAMMATORY CASCADES IN A 22Q11.2DS MOUSE MODEL</b> Anne Günther (Hamburg, Germany)	12:15 - 12:15
<b>INTER-STRAIN MOUSE CHIMERAS TO INVESTIGATE NEURODEVELOPMENTAL MECHANISMS IN AUTISM</b> Marta Marlena Ziętek (Jastrzębiec, Poland)	12:15 - 12:15
<b>DEVELOPMENT OF IPSC-BASED MODEL SYSTEM FROM PATIENTS WITH 22Q11.2 DUPLICATION SYNDROME FOR STUDYING NEURODEVELOPMENTAL DISORDERS</b> Natasa Kovacevic Grujicic (Belgrade, Serbia)	12:15 - 12:15
<b>GENE EXPRESSION PROFILING OF ASTROCYTES DERIVED FROM IPSCS OF PATIENTS WITH 22Q11.2 DELETION SYNDROME</b> Danijela Drakulic (Belgrade, Serbia)	12:15 - 12:15
<b>GENE EXPRESSION PROFILING OF IPSC-DERIVED NEURAL PROGENITORS FROM PATIENTS WITH 22Q11.2 DUPLICATION SYNDROME</b> Jovana Kostic (Belgrade, Serbia)	12:15 - 12:15
<b>CANDIDATE PATHWAYS AND BIOMARKERS IN OGT-CDG - A NOVEL INTELLECTUAL DISABILITY SYNDROME</b> Marie Sønderstrup (Aarhus, Denmark)	12:15 - 12:15
<b>RATDISCO, A TISSUE CLEARING PIPELINE FOR LARGE RAT TISSUE CAPABLE OF DETECTING STIMULUS-ACTIVATED NEURONS IN MODELS OF DEVELOPMENTAL DISORDERS.</b>	12:15 - 12:15

Cristina Martinez Gonzalez (Edinburgh, United Kingdom)

**OSCILLATORY DYNAMICS IN DYSLEXIA: INVESTIGATING NEURAL AND BEHAVIORAL CORRELATES OF TEMPORAL SAMPLING DEFICITS IN CHILDREN** 12:15 - 12:15

Olesia Platonova (Paris, France)

**VISUAL ENCODING BY RETINAL GANGLION CELLS IN OPTOGENETIC MODELS FOR VISION RESTORATION** 12:15 - 12:15

Varsha Ramakrishna (Göttingen, Germany)

**CORTICAL AUDITORY EVOKED POTENTIALS IN SUBJECTS WITH MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE: A CROSS-SECTIONAL STUDY TAKING HEARING LOSS INTO ACCOUNT** 12:15 - 12:15

Tinne Vandenbroeke (Wilrijk, Belgium)

**THE INFLUENCE OF STIMULUS DURATION ON THE ACOUSTIC CHANGE COMPLEX IN NORMAL-HEARING ADULTS** 12:15 - 12:15

Lana Biot (Wilrijk, Belgium)

**SPATIOTEMPORAL DYNAMICS OF AUDITORY PREDICTION ERROR PROPAGATION VIA INTRACRANIAL EEG IN HUMANS** 12:15 - 12:15

Alejandro Blenkman (Oslo, Norway)

**INTRACRANIAL CORRELATES OF ACTION-BASED AUDITORY PREDICTION ERRORS IN HUMANS** 12:15 - 12:15

Sabine Leske (Mosjøen, Norway)

**CORTICAL RESPONSE TO REPEATED SOUNDS IN CHILDREN, ADOLESCENTS AND ADULTS WITH AND WITHOUT AUTISM** 12:15 - 12:15

Cigdem Gelegen van Eijl (London, United Kingdom)

**THALAMOCORTICAL-LIKE CIRCUITS SHOW HIERARCHICAL SENSORY REPRESENTATIONS IN THE ANCESTRAL VERTEBRATE FOREBRAIN** 12:15 - 12:15

Anh-Tuan Trinh (Trondheim, Norway)

**THE MINIMAL EXPOSURE DURATIONS REQUIRED FOR PERCEIVING AND EMBODYING EMOTION** 12:15 - 12:15

Renzo Lanfranco (Stockholm, Sweden)

**NON-VERIDICAL TACTILE EXPERIENCES IN VIRTUAL REALITY: THE ROLE OF MULTISENSORY INTEGRATION AND BODY OWNERSHIP IN SHAPING TACTILE PERCEPTION** 12:15 - 12:15

Emanuele Cirillo (Turin, Italy)

**ATTENTIONAL MODULATION OF OTOACOUSTIC EMISSIONS EVOKED BY SPEECH-DERIVED STIMULI: EXAMINING THE ROLE OF RESOLVED AND UNRESOLVED HARMONICS** 12:15 - 12:15

Janna Steinebach (Erlangen, Germany)

**DIFFERENCES IN NEURAL TRACKING OF THE SPEECH ENVELOPE BETWEEN HEARING-AID AND COCHLEAR-IMPLANT USERS** 12:15 - 12:15

Jehn Constantin (Erlangen, Germany)

**FAST UPDATING FEEDBACK FROM PIRIFORM CORTEX TO THE OLFACTORY BULB RELAYS MULTIMODAL IDENTITY AND REWARD CONTINGENCY SIGNALS DURING RULE-REVERSAL** 12:15 - 12:15

Diego E. Hernandez (Cold Spring Harbor, United States)

**CORTICAL BRODMANN AREA 7 MODULATES THE DEFENSIVE BLINK REFLEX RESPONSE** 12:15 - 12:15

Francesca Rocchi (Rome, Italy)



<b>CHARACTERIZATION OF PUPILLOMETRY FLUCTUATIONS IN FREELY MOVING RATS DURING PERCEPTUAL MISMATCH ERRORS</b>	12:15 - 12:15
Loredana Stoica Ghita (Trondheim, Norway)	
<b>AUDITORY PREDICTION RESPONSE IN THE FRONTAL POLE REVEALED USING A NOVEL CASCADE ROVING PARADIGM: A MACAQUE ECOG STUDY</b>	12:15 - 12:15
Mariko Tada (Tokyo, Japan)	
<b>THE ROLE OF INFORMATION ENTROPY IN THE NEURAL PROCESSING OF UNCERTAINTY IN THE AUDITORY SYSTEM</b>	12:15 - 12:15
Tomasz Domżański (Gdańsk, Poland)	
<b>CENTRE-SURROUND ORGANISATION OF VISUAL RECEPTIVE FIELD MAY REPRESENT A MODERN ADAPTATION FOR TERRESTRIAL VISION</b>	12:15 - 12:15
Bruøygard Simen (Brighton, United Kingdom)	
<b>NOVEL COMBINATION OF PI3KDELTA AND CHONDROITINASE ABC GENE THERAPY IN TREATMENT OF SPINAL FOR INJURY</b>	12:15 - 12:15
Kristyna Karova (Prague, Czech Republic)	
<b>THE HCN CHANNEL INHIBITOR ORG 34167 REDUCES EPILEPTIFORM ACTIVITY IN AN <i>IN UTERO</i> ELECTROPORATION-BASED MOUSE MODEL OF TSC/FCD2B</b>	12:15 - 12:15
James Spyrou (Parkville, Australia)	
<b>ACUTE TREATMENT WITH CURCUMIN ENHANCES HIPPOCAMPAL DELTA OSCILLATIONS SUPPORTING IMPROVED OBJECT MEMORY IN MICE</b>	12:15 - 12:15
Sena Iijima (Tokyo, Japan)	
<b>COADMINISTRATION OF SCOPOLAMINE AND MGLU2 NAM VU6001966 AS A NOVEL ANTIDEPRESSANT APPROACH: LOWERING EFFECTIVE DOSE AND REDUCING COGNITIVE SIDE EFFECTS</b>	12:15 - 12:15
Yana Babii (Kraków, Poland)	
<b>LONG-TERM EFFECTS OF ADOLESCENT 5F-MDMB-PICA INTRAVENOUS SELF-ADMINISTRATION (IVSA): NEUROBEHAVIORAL CONSEQUENCES AND MEDIAL PREFRONTAL CORTEX DYSFUNCTION IN ADULT MICE</b>	12:15 - 12:15
Francesca Caria (Monserrato, Italy)	
<b>ASSESSING THE NEUROTOXIC EFFECTS OF FOSFOMYCIN ON COGNITION AND HIPPOCAMPAL NEUROGENESIS OF HEALTHY FEMALE RATS</b>	12:15 - 12:15
Lama Hachem (Beirut, Lebanon)	
<b>THE PROTECTIVE EFFECTS OF ICARIIN IN A RAT MODEL OF CISPLATIN-INDUCED PERIPHERAL NEUROPATHY</b>	12:15 - 12:15
Cigdem Cengelli Unel (Eskisehir, Turkey)	
<b>RGH-397 INHIBITS THE FUNCTION OF RECOMBINANT AND NATIVE A5 GABA<sub>A</sub> RECEPTORS</b>	12:15 - 12:15
Veronika Bódi (Budapest, Hungary)	
<b>RGH-560, A NOVEL SELECTIVE POSITIVE ALLOSTERIC MODULATOR OF ALPHA7 NICOTINIC ACETYLCHOLINE RECEPTOR ENHANCES CHOLINERGIC NEUROTRANSMISSION IMPLYING THERAPEUTIC POTENTIAL IN THE FIELD OF COGNITIVE DISORDERS</b>	12:15 - 12:15
Márta Thán (Budapest, Hungary)	
<b>EVALUATION OF CENOBAMATE'S EFFECTS ON CISPLATIN-</b>	12:15 - 12:15

**INDUCED PERIPHERAL NEUROPATHY IN RATS**

Mahmut özdemir (Eskisehir, Turkey)

**EVALUATION OF THE EFFECTS OF A DIABETES TYPE 2 RAT MODEL AND SEMAGLUTIDE TREATMENT ON THE SUCROSE PREFERENCE TEST**

12:15 - 12:15

Kristina Jezdić (Belgrade, Serbia)

**ANTIDEPRESSANTS ESCITALOPRAM AND VENLAFAXINE CAUSE HISTOLOGICAL ABNORMALITIES IN THE DEVELOPING BRAIN AND ALTER NEURITE OUTGROWTH IN THE CHICKEN EMBRYO MODEL**

12:15 - 12:15

Oykum Kaplan-Arabaci (Oslo, Norway)

**DOI AND DEPRESSION: PSYCHEDELIC PLASTICITY AND PERFORMANCE IN THE FSL MODEL**

12:15 - 12:15

Stina Lundberg (Uppsala, Sweden)

**ASSESSING THE NEUROTOXIC EFFECTS OF MEROPENEM, A CARBAPENEM ANTIBIOTIC, ON HEALTHY FEMALE RATS**

12:15 - 12:15

Rawan Khadra (Beirut, Lebanon)

**INVESTIGATION OF WEIGHT-GAIN ASSOCIATED WITH PAROXETINE USE IN THE LIGHT OF SEROTONIN-2C RECEPTOR**

12:15 - 12:15

Batuhan Özbay (Ankara, Turkey)

**HNK, DESCENDANT OF KETAMINE: SIMILAR YET DIFFERENT?**

12:15 - 12:15

Louise Ellen Schuberth (Freiburg, Germany)

**ANTIMICROBIAL, ANTIPROLIFERATIVE, AND ANTI-SEIZURE PROPERTY ASSESSMENT OF ARTEMISIA PLANTS FROM KAZAKHSTAN**

12:15 - 12:15

Alexander Trofimov (Astana, Kazakhstan)

**NEXT-GENERATION GPCR-BASED INDICATORS FOR IN VIVO IMAGING OF SPATIOTEMPORAL NOREPINEPHRINE DYNAMICS**

12:15 - 12:15

Tommaso Patriarchi (Zurich, Switzerland)

**EFFICACY OF INDIVIDUALIZED ESCITALOPRAM DOSING BASED ON PLASMA LEVEL MONITORING: FINDINGS FROM A CROSS-SECTIONAL STUDY**

12:15 - 12:15

Aleksandra Jeremic (Belgrade, Serbia)

**ROLE OF NICOTINIC ACETYLCHOLINE RECEPTORS EXPRESSED BY CHOLINERGIC INTERNEURONS IN THE CONTROL OF STRIATAL ACTIVITY**

12:15 - 12:15

Amanda Rosanna Alves Barboza (Prague, Czech Republic)

**UNRAVELLING THE ROLE OF HEMOKININ-1 IN AGE-RELATED DETERIORATION OF MOTOR COORDINATION AND MUSCLE STRENGTH**

12:15 - 12:15

Dávid Vince Simon (Pécs, Hungary)

**ENGINEERING CHIMERIC PROTEINS FOR IMMUNOGENIC TARGETING OF  $\alpha 3 \beta 4$  NICOTINIC ACETYLCHOLINE RECEPTORS (NACHRS)**

12:15 - 12:15

Katarzyna Świstowska (Toruń, Poland)

**STUDYING THE CONTRIBUTION OF VOLTAGE-GATED CALCIUM CHANNELS FOR TRKB-FL CLEAVAGE**

12:15 - 12:15

Nuno Alemão-Serrano (Lisbon, Portugal)

Thursday, June 19, 2025

## Poster session

12:15 - 14:15

VBH, 1st floor

**Poster Session III with presenters in attendance**

**PIANP CONTROLS GABA<sub>B</sub> RECEPTOR LOCALIZATION VIA ITS SUSHI-DOMAIN IN CEREBELLAR PURKINJE CELLS TO REGULATE DENDRITOGENESIS, POSTNATAL SYNAPTIC DEVELOPMENT AND AUTISM-LIKE BEHAVIOUR** 12:15 - 12:15

Robert Luck (Mannheim, Germany)

**HOMEOSTASIS OF SLEEP: EXPLORING HUMAN BRAIN OSCILLATIONS THROUGH ELECTROCORTICOGRAPHY** 12:15 - 12:15

Martina Redel (Santiago, Chile)

**ALTERED SYNAPTIC ACTIVITY IN PRIMARY HIPPOCAMPAL NEURONS OF *SHANK3*-DEFICIENT AND VALPROATE-INDUCED AUTISM MODELS** 12:15 - 12:15

Bohumila Jurkovičová Tarabová (Bratislava, Slovakia)

**DECODING MEMORY FORMATION: HOW DOES EARLY ALZHEIMER'S DISEASE-RELATED PATHOLOGY ALTER SYNAPTIC PLASTICITY?** 12:15 - 12:15

Mireia Gomez-Budia (Kuopio, Finland)

**TEMPORAL PROFILE OF NEUROARCHITECTURE IN THE HIPPOCAMPUS OF 5×FAD ALZHEIMER'S DISEASE MOUSE MODEL** 12:15 - 12:15

HYEWON JANG (Gwangju, Korea, Republic of)

**SYNAPTIC LOCALIZATION OF A-SYNUCLEIN IN CHOLINERGIC TERMINALS OF THE HEALTHY BRAIN** 12:15 - 12:15

Mina Adampour (Oslo, Norway)

**A NEW CYCLE IN THE BRAIN: NEURON-GLIA-ECM SHUTTling VIA EXOSOMES** 12:15 - 12:15

Georgiev Svilen (Göttingen, Germany)

**EARLY SYNAPTIC DYSFUNCTION CONTRIBUTES TO NETWORK-WIDE STRUCTURAL AND FUNCTIONAL DISRUPTIONS IN MOTOR NEURONS DERIVED FROM AN ALS PATIENT** 12:15 - 12:15

Anna M. Kollstrøm (Trondheim, Norway)

**MECHANICAL STRESS MODULATES THE EXPRESSION OF IMMEDIATE EARLY GENES IN CULTURED NEURONS** 12:15 - 12:15

Hiroshi Maejima (Sapporo, Japan)

**KETOGENIC DIET IN A MOUSE MODEL OF GRIN2A SYNDROME: EFFECTS ON BEHAVIOUR, NEUROPLASTICITY AND NEUROINFLAMMATION** 12:15 - 12:15

Lorenzo Cifarelli (Turin, Italy)

**ROLE OF CEREBELLAR NETWORK EXCITABILITY AND PLASTICITY IN THE PATHOPHYSIOLOGY OF DYSTONIA** 12:15 - 12:15

Giorgia Pellavio (Pavia, Italy)

**ALTERED CEREBELLAR PURKINJE CELL EXCITABILITY AND SYNAPTIC TRANSMISSION IN THE IB2 KO MOUSE MODEL OF AUTISM** 12:15 - 12:15

Eleonora Pali (Pavia, Italy)

**COPPER OXIDE NANOPARTICLES REPROGRAM NEUROINFLAMMATION AND ENHANCE NEUROPLASTICITY IN TRAUMATIC CNS INJURIES** 12:15 - 12:15

Jung Keun Hyun (Cheonan, Korea, Republic of)	
<b>FREEDIVING AS A NATURAL HUMAN MODEL TO STUDY HIPPOCAMPAL FUNCTIONAL CONNECTIVITY UNDER HYPOXIA</b>	12:15 - 12:15
Julia Micaux (Gif-sur-Yvette, France)	
<b>STUDY OF GRIN DISORDERS - MOUSE MODELS CARRYING MISSENSE OR FRAMESHIFT <i>GRIN2B</i> GENE VARIANTS ASSOCIATED WITH NEURODEVELOPMENTAL DISORDERS</b>	12:15 - 12:15
Ales Balik (Prague, Czech Republic)	
<b>ALTERED CEREBROSPINAL FLUID DYNAMICS IN ALZHEIMER'S DISEASE: REGIONAL HOMOGENEITY ANALYSIS OF PHYSIOLOGICAL BRAIN PULSATIONS</b>	12:15 - 12:15
Lauri Raitamaa (Oulu, Finland)	
<b>UPREGULATION OF THE NAD<sup>+</sup>/SIRT1-REST AXIS INHIBITS ALZHEIMER'S DISEASE</b>	12:15 - 12:15
Beatriz Escobar-Doncel (Lorenskog, Norway)	
<b>NEUROPSYCHIATRIC AND NEUROCOGNITIVE SYMPTOMS AS PREDICTORS OF SLEEP PROBLEMS IN MILD COGNITIVE IMPAIRMENT: A LATENT VARIABLE APPROACH</b>	12:15 - 12:15
Chrysanthi Nega (Athens, Greece)	
<b>REAL-TIME FMRI NEUROFEEDBACK OR MENTAL STRATEGIES IMPROVE PATTERN SEPARATION PERFORMANCE IN INDIVIDUALS AT RISK OF ALZHEIMER'S DISEASE</b>	12:15 - 12:15
Yves Lysser (Bern, Switzerland)	
<b>PREDXCLEARANCE, EXPLORING NEW BIOMARKERS TO PREDICT ARIA/CAA AND PERSONALIZED THERAPY IN AD</b>	12:15 - 12:15
Maria jose Lagartos-Donate (Oslo, Norway)	
<b>BRIDGING THE GAP BETWEEN CONNECTOME AND METHYLOME: DIFFERENTIAL DNA METHYLATION WITHIN CA1 AS A FRAMEWORK FOR ALZHEIMER'S DISEASE PROGRESSION?</b>	12:15 - 12:15
Lars Röttger (Trondheim, Norway)	
<b>PILOT STUDY FOR DEMENTIA AGE OF ONSET PREDICTION IN THE NORWEGIAN HUSK COHORT</b>	12:15 - 12:15
Espen Hagen (Oslo, Norway)	
<b>MECHANISM OF FERROPTOSIS IN ALZHEIMER'S DISEASE</b>	12:15 - 12:15
Johannes Frank (Lørenskog, Norway)	
<b>ESTABLISHMENT OF A LARGE SPATIOTEMPORAL MULTI-OMICS DATABASE OF POSTMORTEM HUMAN BRAIN SAMPLES UNVEILS SOPHISTICATED MECHANISMS OF BRAIN AGEING AND ALZHEIMER'S DISEASE</b>	12:15 - 12:15
Sofie Lautrup (Nordbyhagen, Norway)	
<b>SLEEP DEPRIVATION EXACERBATES COGNITIVE DECLINE IN ALZHEIMER'S DISEASE RATS VIA ULTRASTRUCTURAL ALTERATIONS IN THE HIPPOCAMPUS</b>	12:15 - 12:15
PREETI PUSKAR (NEW DELHI, India)	
<b>IDENTIFYING ENVIRONMENTAL RISK FACTORS FOR NEURODEGENERATIVE DISEASES IN NIGERIA USING A MULTI-FUNCTIONAL SENSOR EMBEDDED IN A BCI (EEG) DEVICE</b>	12:15 - 12:15
Japhet Kineze (Zaria, Nigeria)	
<b>C-FOS IN NEURODEGENERATION AND NEUROPROTECTION: MECHANISMS AND IMPLICATIONS IN NEURODEGENERATIVE DISORDERS</b>	12:15 - 12:15
Muhammad Saif (Coventry, United Kingdom)	

<b>SYSTEM <math>X_c^-</math> DELETION ALTERS THE METABOLIC PHENOTYPE OF MURINE ASTROCYTES IN HEALTHY AND PATHOLOGICAL AGING</b>	12:15 - 12:15
Ann Massie (Brussels, Belgium)	
<b>NEURAL REPAIR REAGENT ALEETO™ CAN EFFICIENTLY TREAT AMYOTROPHIC LATERAL SCLEROSIS (ALS), FROM BENCH TO CLINIC</b>	12:15 - 12:15
Yanbo Chen (Beijing, China)	
<b>SMALL MOLECULE ACTIVATION OF M6A MRNA METHYLATION AS A NOVEL APPROACH FOR NEUROPROTECTION</b>	12:15 - 12:15
Indrek Teino (Helsinki, Finland)	
<b>MITOCHONDRIAL DYNAMICS AND THERAPEUTIC INSIGHTS IN SPINAL MUSCULAR ATROPHY: PRELIMINARY RESULTS OF A MFN2 EXPRESSION ACTIVATOR DRUG IN HUMAN FIBROBLASTS AND MOTONEURONS</b>	12:15 - 12:15
Francesco Paolo Zummo (Palermo, Italy)	
<b>DISEASE-SPECIFIC GENE REGULATORY TARGETS OF ELK-1 IN NEURODEGENERATION</b>	12:15 - 12:15
PINAR MUTLU (Kocaeli, Turkey)	
<b>PREDICTED PROTEIN- PROTEIN INTERACTION NETWORKS FOR IN VITRO HTT DISEASE MODEL WITH MULTI-OMICS</b>	12:15 - 12:15
Ekin Sonmez (Kocaeli, Turkey)	
<b>MODULATING MTOR-DEPENDENT ASTROCYTE SUBSTATE TRANSITIONS TO ALLEVIATE NEURODEGENERATION</b>	12:15 - 12:15
Haibo Zhou (Shanghai, China)	
<b>ENHANCED PROPERTY OF PROTEIN AGGREGATE DETECTION BY A NOVEL AGGREGATION MARKER IN NEURODEGENERATION MODELS</b>	12:15 - 12:15
Sachin Suresh Tiwari (Roorkee, India)	
<b>BLOOD-BRAIN BARRIER TRANSPORT SYSTEM FOR THERAPY AND DIAGNOSIS OF NEURODEGENERATIVE DISEASES</b>	12:15 - 12:15
Kevin James (Bratislava, Slovakia)	
<b>SERUM PROTEOME SHIFTS INDUCED BY REHABILITATION ON SPINAL CORD INJURY PATIENTS AND ASSESSMENT OF THEIR NEURONAL IMPACT</b>	12:15 - 12:15
Bárbara M de Sousa (Aveiro, Portugal)	
<b>UNCOVERING NOVEL KCC2 REGULATORY MOTIFS THROUGH A COMPREHENSIVE TRANSPOSON-BASED MUTANT LIBRARY</b>	12:15 - 12:15
Cem Karakus (Helsinki, Finland)	
<b>UNDERSTANDING HOW EPILEPSY AFFECTS BREATHING AND SUDDEN DEATH RISK</b>	12:15 - 12:15
Mohd Yaqub MIR (Lund, Sweden)	
<b>ACCUMULATION OF THE PATHOLOGICAL TAR DNA-BINDING PROTEIN 43 IN THE SPINAL CORD IS EVIDENT AFTER REPETITIVE MILD BUT NOT SINGLE MODERATE TRAUMATIC BRAIN INJURY</b>	12:15 - 12:15
Tamara Janković (Rijeka, Croatia)	
<b>THE ROLE OF ASTROGLIA-NEURON INTERACTIONS IN NETWORK HYPEREXCITABILITY AND SEIZURES</b>	12:15 - 12:15
Ahmed Jamali (Trondheim, Norway)	
<b>THE ROLE OF CAV1.2 IN ASTROCYTES DURING EPILEPTOGENESIS</b>	12:15 - 12:15
Sun Jinyi (Tokyo, Japan)	

<b>MICRO-COIL NEUROMODULATION FOR SUPPRESSING SEIZURES</b> Xiyuan Liu (Kongens Lyngby, Denmark)	12:15 - 12:15
<b>THE MITO-NUCLEAR CROSSTALK IN THE FATE OF AXOTOMIZED NEURONS AFTER SPINAL CORD INJURY</b> Sara Delmirani (Rome, Italy)	12:15 - 12:15
<b>TRANSPLANTATION OF BRAIN ORGANOIDs FOR STROKE REPAIR IN MICE</b> Tadiwos Feyissa Mergiya (Oslo, Norway)	12:15 - 12:15
<b>PERIRHINAL CORTEX REGULATES HIPPOCAMPAL SEIZURES VIA EXTENSIVE DOWNSTREAM CIRCUITS</b> zhisheng li (zhejiang hangzhou, China)	12:15 - 12:15
<b>AN INNOVATIVE APPROACH TO REPAIR BRAIN INJURIES: CELL-BASED THERAPY WITH 3D HYDROGEL</b> Edwige RICE (Toulouse, France)	12:15 - 12:15
<b>DEVELOPMENT AND PRECLINICAL EVALUATION OF A 3D BIODEGRADABLE NEUROIMPLANT FOR ENHANCING POST-STROKE BRAIN REGENERATION: INVESTIGATING CELLULAR INTEGRATION, INFLAMMATORY MODULATION, AND FUNCTIONAL RECOVERY</b> Vincent Lanternier-Bellec (Toulouse, France)	12:15 - 12:15
<b>BRIDGING THE GAP TO CLINICAL REALITY: EFFICACY OF NOVEL EXPERIMENTAL THERAPIES IN AGED RATS FOLLOWING ISCHEMIC STROKE</b> Marko Morávek (Košice, Slovakia)	12:15 - 12:15
<b>DIFFERENTIAL EFFECTS OF SINGLE MODERATE AND REPETITIVE MILD TRAUMATIC BRAIN INJURY ON SPINAL CORD CHOLINERGIC FUNCTION</b> Kristina Pilipovic (Rijeka, Croatia)	12:15 - 12:15
<b>THE NEUROPROTECTIVE EFFECT OF THE CANNABINOID URB447 AFTER INFECTION-SENSITIZED NEONATAL BRAIN INJURY IS MEDIATED BY REDUCED GLIAL ACTIVATION AND DECREASED INFLAMMATION</b> Daniel Alonso-Alconada (Leioa, Spain)	12:15 - 12:15
<b>INTERPLAY OF SOCIO-DEMOGRAPHIC FACTORS AND CARDIO-CEREBROVASCULAR RISK IN UNIVERSITY STUDENTS' MENTAL HEALTH</b> Zaw Myo Hein (Ajman, United Arab Emirates)	12:15 - 12:15
<b>PTEN-DELETED GRANULE CELLS PROPAGATE MTOR HYPERACTIVITY ACROSS DENTATE GYRUS, DISRUPTING ITS GATING AND MEMORY CODING FUNCTIONS</b> Farzad Khanipour (Warsaw, Poland)	12:15 - 12:15
<b>SPATIAL REPRESENTATION IN THE RETROSPLENIAL CORTEX AND HIPPOCAMPAL FORMATION OF FREELY MOVING MICE</b> Hanna Eneqvist (Trondheim, Norway)	12:15 - 12:15
<b>TOPOGRAPHICAL ORGANIZATION OF FUNCTIONAL CELL TYPES IN THE MEDIAL ENTORHINAL CORTEX</b> Martin Pofahl (Trondheim, Norway)	12:15 - 12:15
<b>ONTOGENY OF SPACE CODING: TOROIDAL MANIFOLDS PRECEDE GRID CELLS</b> Matteo Guardamagna (Trondheim, Norway)	12:15 - 12:15
<b>POPULATION-LEVEL REMAPPING ACROSS THE HIPPOCAMPAL-ENTORHINAL-SUBICULAR CIRCUIT</b>	12:15 - 12:15

Jordan Carpenter (Trondheim, Norway)	
<b>DEEP-TISSUE TWO PHOTON IMAGING IN FREELY MOVING MICE</b>	12:15 - 12:15
Antonio Lorca-Camara (Trondheim, Norway)	
<b>NEURAL CONTROL OF HIPPOCAMPUS-DEPENDENT MEMORY CONSOLIDATION DURING SLEEP</b>	12:15 - 12:15
Min Xu (Shanghai, China)	
<b>ENTORHINAL SINGLE-NEURON OUTPUTS TO THE TELENCEPHALON ARE DIVERSE AND EXHIBIT A SPATIAL GRADIENT</b>	12:15 - 12:15
Sau Yee Tsoi (Edinburgh, United Kingdom)	
<b>HIERARCHICAL BAYESIAN MIXTURES FOR THE DISCOVERY OF PROJECTION NEURON SUBTYPES FROM MAPSEQ DATA</b>	12:15 - 12:15
Edward Agboraw (Edinburgh, United Kingdom)	
<b>REUNIENS-HIPPOCAMPUS BETA COUPLING DURING NAVIGATION IMPLICATES NUCLEUS REUNIENS IN SPATIAL MEMORY RECALL</b>	12:15 - 12:15
Tristan Baumann (Tübingen, Germany)	
<b>HOW ARE SPATIAL MAPS IN CA1 STABILIZED? EVALUATION OF NMDA RECEPTORS REQUIREMENT FOR SPATIAL MAP CONSOLIDATION</b>	12:15 - 12:15
Ana Belen de Landeta (Trondheim, Norway)	
<b>DOWNREGULATION OF HIPPOCAMPAL TRPA1 CHANNEL EXPRESSION LEADS TO A HYPERMNESIC PHENOTYPE</b>	12:15 - 12:15
Gustavo Provensi (Florence, Italy)	
<b>MENTAL EXPLORATION OF FUTURE CHOICES DURING IMMOBILITY THETA OSCILLATIONS</b>	12:15 - 12:15
Jill K. Leutgeb (La Jolla, United States)	
<b>DISTINCT HIPPOCAMPAL AND ENTORHINAL FIRING PATTERNS DURING MEMORY RETENTION</b>	12:15 - 12:15
Stefan Leutgeb (La Jolla, United States)	
<b>INVESTIGATING THE ROLE OF AGE-RELATED GENE BGLAP3 IN NEURON EXCITABILITY AND SPATIAL CODING IN THE MEDIAL ENTORHINAL CORTEX</b>	12:15 - 12:15
Sorgog Uzeen (Beijing, China)	
<b>UNRAVELING THE ROLE OF OLMA2 CELLS IN THE REGULATION OF APPROACH-AVOIDANCE BEHAVIOR</b>	12:15 - 12:15
Angelica Thulin (Uppsala, Sweden)	
<b>BEHAVIOURAL EFFECTS OF OLMALPHA2 CELLS ACROSS THE DORSOVENTRAL AXIS OF THE HIPPOCAMPUS</b>	12:15 - 12:15
Siwani Samer (Uppsala, Sweden)	
<b>OSCILLATORY RHYTHMS IN HIPPOCAMPUS AND ENTORHINAL CORTEX DURING A SOCIAL RECOGNITION TASK</b>	12:15 - 12:15
Elise Reppe Olsen (Oslo, Norway)	
<b>VISUAL CUE REPRESENTATIONS IN THE POSTRHINAL AND MEDIAL ENTORHINAL CORTEX DURING SPATIAL NAVIGATION</b>	12:15 - 12:15
Anna Hjertvik Aasen (Oslo, Norway)	
<b>LOCAL INHIBITORY CIRCUITS MEDIATE CORTICAL REACTIVATIONS AND MEMORY CONSOLIDATION</b>	12:15 - 12:15
Sverre Grødem (Oslo, Norway)	
<b>TASK AND BEHAVIOR-RELATED VARIABLES ARE ENCODED BY</b>	12:15 - 12:15

<b>THE POSTRHINAL AND MEDIAL ENTORHINAL CORTEX DURING NON-SPATIAL ASSOCIATIVE LEARNING</b>	
Ingeborg Nymoen Nystuen (Oslo, Norway)	
<b>NEUROMODULATORY DYNAMICS DURING MEMORY FORMATION (REMAPPING) AND RECALL IN RSC</b>	12:15 - 12:15
Nora Cecilie Ebbesen (Oslo, Norway)	
<b>PLASTICITY PARAMETERS OF ORIENTATION SELECTIVE RETINAL CIRCUITS</b>	12:15 - 12:15
Zhaklin Chalakova (London, United Kingdom)	
<b>ELUCIDATING THE NEUROBIOLOGICAL MECHANISMS UNDERLYING HUMAN HUNTING BEHAVIOUR USING MINECRAFT - AN FNIRS STUDY</b>	12:15 - 12:15
Emre Yavuz (London, United Kingdom)	
<b>INFLUENCE OF VISUAL MOTION AREA V5/MT ON THE LATERAL GENICULATE NUCLEUS DURING VISUAL-SPEECH RECOGNITION</b>	12:15 - 12:15
Lisa Jeschke (Dresden, Germany)	
<b>ASSESSMENT OF PUPIL FEATURES AS A POTENTIAL BIOMARKER FOR DETECTION OF TRAIT ANXIETY DISORDER: A STUDY FROM SUBCLINICAL ANXIETY POPULATION</b>	12:15 - 12:15
Sangramjit Maity (New Delhi, India)	
<b>CHOLINERGIC ACTIVITY IN THE BASAL FOREBRAIN DECREASES WITH AGING AND ALZHEIMER'S DISEASE</b>	12:15 - 12:15
Irisz Szabo (Budapest, Hungary)	
<b>SEX DIFFERENCES IN FEAR GENERALIZATION AND ACTIVITY OF DENTATE GYRUS GRANULE CELLS IN MICE</b>	12:15 - 12:15
Sanna Lensu (Jyväskylä, Finland)	
<b>ADULT BRAIN NEURONS' BACK REMODELING AND MEMORY FORMATION</b>	12:15 - 12:15
Arif Mekhtiev (Baku, Azerbaijan)	
<b>AMYGDALA RESPONSES TO AUDITORY PREDICTION VIOLATIONS: EVIDENCE FROM HUMAN SINGLE-NEURON RECORDINGS</b>	12:15 - 12:15
Vinícius Rezende Carvalho (Oslo, Norway)	
<b>ACUTE SLEEP DEPRIVATION DISRUPTS SPATIAL CODING AND NETWORK ORGANIZATION IN THE MEDIAL ENTORHINAL CORTEX</b>	12:15 - 12:15
Yuanjing Liu (Beijing, China)	
<b>HBK-15, A MULTIMODAL COMPOUND, IMPROVES COGNITIVE FLEXIBILITY IN A TOUCHSCREEN-BASED REVERSAL LEARNING MODEL IN MICE</b>	12:15 - 12:15
Angelika Jagielska (Kraków, Poland)	
<b>HIPPOCAMPAL THETA AND HIGH-FREQUENCY ACTIVITY TRACKS IMAGE MEMORABILITY IN HUMANS</b>	12:15 - 12:15
Birger Bang (Oslo, Norway)	
<b>ERP INSIGHTS INTO THREAT PERCEPTION: NEURAL RESPONSES TO HUMAN, ROBOT, AND PAREIDOLIA FACES IN THE UNCANNY VALLEY</b>	12:15 - 12:15
Evrin Gulbetekin (Konyaalti, Turkey)	
<b>ERP MARKERS OF AUDITORY PERCEPTION ABNORMALITIES IN A WORD RECOGNITION TASK</b>	12:15 - 12:15
Aleksandra Bartnik (Warsaw, Poland)	



<b>BLOCKADE OF COCAINE-INDUCED INCREASE OF RISK-SEEKING BEHAVIOR IN A RAT GAMBLING TASK BY CHEMOGENETIC MODULATION OF THE PRELIMBIC TO NUCLEUS ACCUMBENS CORE PATHWAY</b>	12:15 - 12:15
Joonyeup Han (seoul, Korea, Republic of)	
<b>BRAIN-WIDE NEURAL MECHANISMS OF CROSS-TASK INFORMATION GENERALIZATION</b>	12:15 - 12:15
yitao wang (shanghai, China)	
<b>EXPLORING THE INTERPLAY BETWEEN REINFORCEMENT LEARNING, WORKING MEMORY, AND ATTENTION DURING LEARNING: INTEGRATING AN EEG MEASURE OF ATTENTION WITH COMPUTATIONAL MODELING</b>	12:15 - 12:15
Magne Ree Frisnes (Oslo, Norway)	
<b>THE ROLE OF THE MEDIAL PREFRONTAL CORTEX IN A SHORT- AND LONG-TERM SPATIAL MEMORY TASK IN MICE</b>	12:15 - 12:15
Chiara Nina Roth (Klosterneuburg, Austria)	
<b>SYSTEMIC NEUROECTODERMAL STEM CELL TREATMENT RESCUES INJURED MOTONEURONS OTHERWISE DESTINED TO DIE BY DOWNREGULATING L-SELECTIN EXPRESSION ON LEUKOCYTES</b>	12:15 - 12:15
Tamás Bellák (Szeged, Hungary)	
<b>EXPLORING THE AUTOIMMUNE-AUTOINFLAMMATORY SPECTRUM: INSIGHTS FROM STATISTICAL GENETICS IN CROSS-DISORDER ANALYSIS</b>	12:15 - 12:15
Vera Fominykh (Oslo, Norway)	
<b>DYSFUNCTIONAL NATURAL KILLER CELLS IN CHILDREN WITH AUTISM SPECTRUM DISORDERS</b>	12:15 - 12:15
Maud Apavou (Paris, France)	
<b>UNCOVERING MITOCHONDRIAL AND LYSOSOMAL ADAPTATIONS IN MICROGLIAL CELLS PRIOR TO DEPLETION IN RESPONSE TO COLONY-STIMULATING FACTOR 1 RECEPTOR INHIBITOR</b>	12:15 - 12:15
Guillermo Vázquez Cabrera (Stockholm, Sweden)	
<b>EFFECTS OF THE NEONICOTINOID ACETAMIPRID ON THE ADIPOSE TISSUE/MICROGLIA CROSS-TALK IN OBESITY</b>	12:15 - 12:15
Roberta Alessi (Rome, Italy)	
<b>NEUROIMMUNE RHYTHMS PRIME THE OLFACTORY BULB'S RESPONSE TO AN INTRANASAL CHALLENGE</b>	12:15 - 12:15
Gregory Pearson (Amherst, MA, United States)	
<b>DISTINCT ANTIBODY GLYCOSYLATION PROFILES REFLECT IMMUNE RESPONSE COMPARTMENTALIZATION AND DISEASE TRIGGERS IN ANTI-NMDAR ENCEPHALITIS</b>	12:15 - 12:15
Laura Marmolejo (Barcelona, Spain)	
<b>MICROGLIA IN THE INFRALIMBIC CORTEX ARE REQUIRED FOR DEPRESSIVE-LIKE BUT NOT SICKNESS BEHAVIOR FOLLOWING SYSTEMIC INFLAMMATION</b>	12:15 - 12:15
Ryosuke Yoshida (Tokyo, Japan)	
<b>CYTOMEGALOVIRUS AND THE CEREBELLUM IN SEVERE MENTAL ILLNESS</b>	12:15 - 12:15
Ina Drabløs (Oslo, Norway)	
<b>B-LYMPHOCYTES-DERIVED EXTRACELLULAR VESICLES INFLUENCE MICROGLIAL ACTIVATION: INSIGHTS INTO EPSTEIN BARR VIRUS ROLE IN MULTIPLE SCLEROSIS</b>	12:15 - 12:15
Alen Zollo (Milan, Italy)	

<b>THE HUMAN INTEGRATED SENSOR SYSTEM (HISS): HARNESSING THE POWER OF PSYCHONEUROIMMUNOLOGY FOR THE EARLY DETECTION OF BIOLOGICAL THREAT EXPOSURE</b>	12:15 - 12:15
Michail Laoumtzis (Adelaide, Australia)	
<b>INVESTIGATING LONGITUDINAL CHANGES IN THE SYSTEMIC INFLAMMATORY RESPONSE OF APOEε4 CARRIERS VERSUS NON- CARRIERS WITHIN THE PREVENT COHORT</b>	12:15 - 12:15
Connor Langworth-Green (Edinburgh, United Kingdom)	
<b>INVESTIGATION OF TRANSCRIPTOMIC AND EPIGENETIC LANDSCAPE IN NEURAL PROGENITORS AND HUMAN BRAIN ORGANOIDS DERIVED FROM MONOZYGOTIC TWINS CLINICALLY DISCORDANT FOR MULTIPLE SCLEROSIS</b>	12:15 - 12:15
Marta Facchinetti (Milan, Italy)	
<b>A CASE-CONTROL STUDY - HEMORHEOLOGICAL DYSREGULATION AND SYSTEMIC INFLAMMATORY PROFILES ACROSS ACUTE PHASES OF SCHIZOPHRENIA</b>	12:15 - 12:15
Andrei Gabriel Zanfir (Bucharest, Romania)	
<b>CEREBROSPINAL FLUID FROM EARLY-STAGE MULTIPLE SCLEROSIS PATIENTS PROMOTES OSCILLATORY MIGRATION OF MICROGLIA IN A CONCENTRATION- AND TIME-DEPENDENT MANNER</b>	12:15 - 12:15
Melania Magercu (Bucharest, Romania)	
<b>UNRAVELING THE GENETIC FACTORS OF SECONDARY LISSENCEPHALY IN MARMOSET USING BULK AND SINGLE-CELL TRANSCRIPTOMICS OF BRAIN ORGANOIDS</b>	12:15 - 12:15
Mateo Bastidas Betancourt (Göttingen, Germany)	
<b>INTEGRATING CROSS-SECTIONAL AND LONGITUDINAL DATA: LINKING BRAIN MORPHOLOGY TO COGNITION, MENTAL HEALTH, AND SOCIAL FACTORS IN AN OSLO-BASED ADOLESCENT COHORT</b>	12:15 - 12:15
Erle Sonstad Blix (Oslo, Norway)	
<b>SEX-SPECIFIC EXPOSOME ANALYSIS: TRACING PRENATAL TO POSTNATAL ENVIRONMENTAL INFLUENCES ON PSYCHOPATHOLOGY</b>	12:15 - 12:15
Leonardo Melo Rothmann (Aarhus, Denmark)	
<b>OFFSPRING OUTCOMES FOLLOWING PRENATAL THC AND CBD EXPOSURE: BEHAVIORAL IMPACTS IN ADOLESCENCE</b>	12:15 - 12:15
Eleni Sia (Aarhus, Denmark)	
<b>BEHAVIORAL AND NEUROPATHOLOGICAL CHARACTERIZATION OF THE DP(16)1YEY MOUSE MODEL OF DOWN SYNDROME</b>	12:15 - 12:15
Sara Guerreiro (Braga, Portugal)	
<b>NEUROSUBTYPING IN AUTISM: A CLUSTERING APPROACH TO PREDICT LANGUAGE OUTCOMES IN INFANTS</b>	12:15 - 12:15
Gabriel Blanco-Gomez (Montreal, Canada)	
<b>SOCIOECONOMIC STATUS MODERATES THE RELATIONSHIP BETWEEN PRETERM BIRTH AND GREY MATTER VOLUME IN ADULTHOOD</b>	12:15 - 12:15
Taylor Barda (Planegg, Germany)	
<b>MODELING AND MECHANISM ANALYSIS OF SMITH-KINGSMORE SYNDROME USING HUMAN EMBRYO STEM CELLS WITH PATIENT'S GENOTYPE</b>	12:15 - 12:15
Jae kyun Jeong (Suwon-si, Gyeonggi-do, Korea, Republic of)	
<b>EVOLUTIONARY MECHANISMS UNDERLYING SECONDARY</b>	12:15 - 12:15

**LISSENCEPHALY MODELED IN COMMON MARMOSET CEREBRAL ORGANOIDs**

Lidiia Tynianskaia (Göttingen, Germany)

**ALTERED RESTING-STATE IN DEVELOPMENTAL DYSLEXIA: A SYSTEMATIC REVIEW AND META-ANALYSIS**

12:15 - 12:15

Jiaqi Mao (Donostia-San Sebastian, Spain)

**EXPLORING THE OCULAR DYNAMICS OF PEOPLE WITH BVFTD AND APATHY IN ECOLOGICAL SETTINGS**

12:15 - 12:15

Claire Elise Berner (Paris, France)

**THE ROLE OF OSCILLATIONS IN GRID CELLS' TOROIDAL TOPOLOGY**

12:15 - 12:15

Giovanni di Sarra (Trondheim, Norway)

**NETWORK DYNAMICS AND PLASTICITY IN NEURONAL CULTURES WITH ENGINEERED CIRCUITS**

12:15 - 12:15

Carl-Johan Hörberg (Lund, Sweden)

**NEURODEBLUR: A NOVEL SOFTWARE FOR FAST AND ACCURATE DECONVOLUTION OF LARGE LIGHT-SHEET, CONFOCAL, OR BRIGHT-FIELD MICROSCOPY STACKS**

12:15 - 12:15

Klaus Becker (Vienna, Austria)

**NEW AUTOMATED TOOL FOR IDENTIFYING CARDIAC INDEPENDENT COMPONENTS IN EEG WITHOUT ECG INPUT**

12:15 - 12:15

Pierre Champetier (Paris, France)

**CUTTING-EDGE VIRAL VECTOR TOOLS AND THEIR APPLICATIONS IN NEUROSCIENCE**

12:15 - 12:15

Rajeevkumar Raveendran Nair (Trondheim, Norway)

**INTEGRATION OF AUDITORY AND VISUAL STIMULI IN THE AUDITORY CORTEX**

12:15 - 12:15

Jasmin Riegel (Erlangen, Germany)

**EFFECTS OF ACTIVE DENDRITIC PROPERTIES ON NETWORK DYNAMICS IN THE STRIATAL-PALLIDAL LOOP**

12:15 - 12:15

Wilhelm Thunberg (Stockholm, Sweden)

**THE MOLECULAR CORRELATES OF TOPOGRAPHICAL MAPS IN THE VERTEBRATE OLFATORY BULB**

12:15 - 12:15

Ersin Berkay Peker (Trondheim, Norway)

**ASSESSING MULTI-ECHO T2\*-WEIGHTED FMRI RELIABILITY ACROSS SESSIONS AND SITES IN A MULTI-CENTER STUDY**

12:15 - 12:15

Anežka Kovářová (Brno, Czech Republic)

**IMPACT OF AGING ON BRAIN NETWORK ORGANIZATION: PARTIAL DIRECTED COHERENCE AND GRAPH THEORY PERSPECTIVE IN ALPHA BAND**

12:15 - 12:15

Duygu Duman (İzmir, Turkey)

**INTRACORTICAL MECHANISMS OF AFTER-DISCHARGES ELICITED BY INTRACRANIAL 50 HZ STIMULATION OF EPILEPTIC PATIENTS**

12:15 - 12:15

Johanna Petra Szabó (Budapest, Hungary)

**OPENMINDS SANDS: MAKING BRAIN ATLASES FINDABLE AND INTEROPERABLE USING LINKED DATA**

12:15 - 12:15

Ulrike Schlegel (Oslo, Norway)

**THE SHAREBRAIN WORKFLOW: AUTOMATED EXTRACTION, STANDARDIZATION AND OPEN SHARING OF RE-USEABLE METADATA FROM CALCIUM IMAGING AND MULTI-ELECTRODE**

12:15 - 12:15

**RECORDING STUDIES**

Eivind Hennestad (Oslo, Norway)

**AN EXPLAINABLE EEG MICROSTATE ANALYSIS FRAMEWORK FOR DEMENTIA AND MCI CLASSIFICATION**

12:15 - 12:15

Rabindra Khadka (Oslo, Norway)

**PREDICTING NEURAL RESPONSES TO INTRA- AND EXTRA-CRANIAL ELECTRIC BRAIN STIMULATION BY MEANS OF THE RECIPROCITY THEOREM**

12:15 - 12:15

Torbjørn V. Ness (Ås, Norway)

**AN INNOVATIVE APPROACH FOR CONDUCTING 3D ELECTROPHYSIOLOGICAL RECORDINGS WITHIN INTACT ORGANOIDs**

12:15 - 12:15

Macarena Gomez de Salazar (Reutlingen, Germany)

**SIGNAL INTEGRATION AND COMPETITION IN A BIOPHYSICAL MODEL OF THE SUBSTANTIA NIGRA PARS RETICULATA**

12:15 - 12:15

William Scott Thompson (Stockholm, Sweden)

**3D RANDOM-ACCESS RECORDING OF MEMBRANE VOLTAGE OF CORTICAL NEURONS FOR IN-VIVO SPIKE DETECTION**

12:15 - 12:15

Walther Akemann (Paris, France)

**ACOUSTIC AND LINGUISTIC MARKERS IN SPEECH FOR SCREENING AND MONITORING OF SUICIDE RISK IN PATIENTS WITH MOOD DISORDERS**

12:15 - 12:15

Sooyeon Min (Seoul, Korea, Republic of)

**VALIDATION STUDY OF THE COGNISCAN COMPUTERIZED TEST FOR MEMORY AND PROCESSING SPEED IN A BRAZILIAN SAMPLE**

12:15 - 12:15

Mariana Assed (São Paulo, Brazil)

**A NOVEL SCIENTIFIC KNOWLEDGE GRAPH TO INTEGRATE PUBLIC METADATA AND ANALYZE TRENDS IN NEUROSCIENCE RESEARCH**

12:15 - 12:15

Archana Golla (Oslo, Norway)

**BIDS2OPENMINDS: FACILITATING AUTOMATED CONVERSIONS BETWEEN NEUROSCIENCE DATA STANDARDS**

12:15 - 12:15

Sophia Pieschnik (Oslo, Norway)

**EFFECT OF MOTOR IMAGERY TRAINING ON ACUTE PHASE REHABILITATION IN A STROKE PATIENT WITH PREMOTOR AND PRIMARY MOTOR CORTEX DAMAGE**

12:15 - 12:15

Gen Koyama (Ota Chuo Tokyo, Japan)

**FUNCTIONAL REINNERVATION OF DEGENERATED FORELIMB MUSCLES FOLLOWING CERVICAL VENTRAL ROOT AVULSION INJURY: THE USE OF A DETAILED GAIT ANALYSIS SYSTEM**

12:15 - 12:15

Dénes Török (Szeged, Hungary)

**RESTING-STATE ACTIVITY IN NON-INVASIVE ELECTROPHYSIOLOGY OF THE SPINAL CORD AND CORTEX IN HUMANS**

12:15 - 12:15

Emma Bailey (Leipzig, Germany)

**EXPERIENCE-DEPENDENT STRUCTURAL VARIATION IN THE INDIVIDUALLY-MAPPED GENITAL CORTEX OF ADULT WOMEN AFTER CHILDHOOD SEXUAL ABUSE EXPOSURE**

12:15 - 12:15

Yuliya Kovalchuk (Berlin, Germany)

**MACROPHAGE MIGRATION INHIBITORY FACTOR (MIF) ANTAGONIST ATTENUATES NEUROPATHIC PAIN AFTER NERVE INJURY IN A GENDER DEPENDENT WAY**

12:15 - 12:15

Jiri Palecek (Praha 4, Czech Republic)

**DIVERGENT EEG DYNAMICS FOR FACE ACCESS VS. DISAPPEARANCE IN FLASH SUPPRESSION**

12:15 - 12:15

Alessio Borriero (Torino, Italy)

**"CHASING THE LIGHT: THE ROLE OF ARTIFICIAL LIGHT AND SMARTPHONES IN SHAPING SLEEP PATTERNS - A LONGITUDINAL STUDY IN TOBA/QOM COMMUNITIES IN ARGENTINA"**

12:15 - 12:15

Laura Trebucq (Buenos Aires, Argentina)

**THE SINGLE-CELL TRANSCRIPTOMIC ATLAS IPAIN IDENTIFIES SENESCENCE OF NOCICEPTORS AS A THERAPEUTIC TARGET FOR CHRONIC PAIN TREATMENT**

12:15 - 12:15

Prach Techameena (Solna, Sweden)

**THE LATERAL SEPTUM'S ROLE IN PAIN PERCEPTION: UNVEILING MOLECULAR DIVERSITY IN ITS DEVELOPMENT AND ADULTHOOD IN MICE AND HUMANS**

12:15 - 12:15

Kaiwen Zhang (Solna, Sweden)

**CAN VOCAL EMOTION PROCESSING BE MODULATED BY TDCS?**

12:15 - 12:15

Olivia M. Lapenta (Braga, Portugal)

**WHEN DOPAMINE MEETS MICROGLIA; MICROGLIAL D1 AND D2 RECEPTORS CONTROL NEUROINFLAMMATORY STATE AND BEHAVIOUR**

12:15 - 12:15

Ghazal Fakhfour (Montreal, Canada)

**QUANTIFICATION OF BRAIN METABOLITES IN TRAUMATIC BRAIN INJURY USING ADVANCED SPECTROSCOPY**

12:15 - 12:15

Chisomo Zimphango (Cambridge, United Kingdom)

**DOPAMINERGIC CIRCUITRY IN THE JAPANESE QUAIL: FIBER ANALYSIS AND SYNAPTIC TARGETS IN THE NIDOPALLIUM CAUDOLATERALE**

12:15 - 12:15

Sinem Gencturk (Istanbul, Turkey)

**DECIPHERING SPATIAL CELLULAR HETEROGENEITY IN NEURODEGENERATIVE BRAIN PATHOLOGY WITH IMAGING MASS CYTOMETRY**

12:15 - 12:15

Sebastian Hedlund (London, United Kingdom)

**PLASMA METABOLOMIC PROFILING IN PATIENTS WITH MAJOR DEPRESSIVE DISORDER**

12:15 - 12:15

Nikola Balic (Zagreb, Croatia)

**METABOLOMIC ANALYSIS OF 3XTG-AD MICE PLASMA: EXPLORING BIOMARKERS AND EVALUATING EFFECTS OF DEHYDROEPIANDROSTERONE SULFATE TREATMENT**

12:15 - 12:15

Tina Milos (Zagreb, Croatia)

**AT2 RECEPTOR STIMULATION PROMOTES ANGIOGENESIS IN THE SPINAL CORD TISSUE AFTER SEVERE INJURY IN RATS**

12:15 - 12:15

Veronika Liptakova (Košice, Slovakia)

**AT1 RECEPTOR BLOCKADE AS A POTENTIAL THERAPEUTIC STRATEGY FOR NEUROGENIC BLADDER DYSFUNCTION FOLLOWING SPINAL CORD INJURY**

12:15 - 12:15

Jana Snopkova (Kosice, Slovakia)

**SIGNALING MECHANISMS OF DELTA RECEPTORS, ATYPICAL SYNAPSE ORGANIZERS**

12:15 - 12:15

Julia Doria (Paris, France)

<b>GLYT1 INHIBITOR, BITOPERTIN CHANGES THE EXCITATORY AND INHIBITORY NETWORK CONNECTIVITY IN MOUSE MEDIAL PREFRONTAL CORTEX</b>	12:15 - 12:15
Hsing-Jung Chen-Engerer (Biberach an der Riss, Germany)	
<b>GLUTAMATE AND GLUTAMINE CHANGES IN TRANSIENT GLOBAL AMNESIA (TGA) MEASURED WITH 7T MR SPECTROSCOPY</b>	12:15 - 12:15
Aleksandra Galwa-Støkkan (Trondheim, Norway)	
<b>VASOPRESSIN AT THE CROSSROAD OF DEPRESSION AND SCHIZOPHRENIA: STUDIES IN RATS</b>	12:15 - 12:15
Evelin Szabo (Pécs, Hungary)	
<b>NEURONAL AND BEHAVIORAL ALTERATIONS IN A NITROGLYCERIN-INDUCED MIGRAINE MODEL</b>	12:15 - 12:15
Akanksha Mudgal (Lublin, Poland)	
<b>MITF REGULATES GENE EXPRESSION IN MIDDLE TUFTED NEURONS AND OTHER PROJECTION NEURONS OF THE OLFACTORY BULB</b>	12:15 - 12:15
Fatich Mehmet (Reykjavík, Iceland)	
<b>ISOFORM-SPECIFIC EFFECT OF CYTOCHROME C ON NA,K-ATPASE</b>	12:15 - 12:15
Gvantsa Chkadua (Tbilisi, Georgia)	
<b>OUABAIN AND NA,K-ATPASE</b>	12:15 - 12:15
Eka Nozadze (Tbilisi, Georgia)	
<b>CELLULAR MECHANISMS UNDERLYING TINNITUS: EVIDENCE FROM POSTMORTEM HUMAN BRAIN ANALYSIS</b>	12:15 - 12:15
Faris Almasabi (Abha, Saudi Arabia)	
<b>OPTIMIZATION OF A MULTIPLEXED, CELL-BASED ASSAY OF NEURONAL FUNCTION</b>	12:15 - 12:15
Peter Lindqvist (Atlanta, United States)	
<b>HETEROGENEOUS EXPRESSION OF THE CYSTINE-GLUTAMATE EXCHANGER IN THE MOUSE BRAIN</b>	12:15 - 12:15
Sigrid Ottestad-Hansen (Oslo, Norway)	
<b>OPTIMIZING TEAR COLLECTION IN MICE FOR MRNA AND PROTEIN ANALYSIS</b>	12:15 - 12:15
Marysol Bello Gonzalez (Mexico City, Mexico)	
<b>IMPACT OF PSYCHIATRIC MEDICATION ON SUICIDE REATTEMPT RISK IN PATIENTS WITH DEPRESSION: A RETROSPECTIVE COHORT STUDY USING NATIONAL HEALTH INSURANCE DATA IN KOREA</b>	12:15 - 12:15
Jeong Hun Yang (Sejong, Korea, Republic of)	
<b>TEMPERATURE-DEPENDENT NEURONAL PLASTICITY IN A MOUSE MODEL OF INDUCED HYPOTHERMIA</b>	12:15 - 12:15
Tina Kleven (Oslo, Norway)	
<b>STRUCTURAL ORGANIZATION OF THE AXON INITIAL SEGMENT IN HUNTINGTON DISEASE</b>	12:15 - 12:15
Rayan Dawod (Paris, France)	
<b>DIFFERENTIAL EXPRESSION OF SPATIOTEMPORAL SLEEP SPINDLE CLUSTERS IN AGEING</b>	12:15 - 12:15
Liisa Raud (Oslo, Norway)	