

Poster session - Thursday 25

Poster No	Presenter	Topic	Title	Presentation time
P.001	Sónia Guerra-Gomes	Neural circuits and behavior	The role of astrocytic calcium signaling in the cognitive function	15:30-16:30
P.002	João Filipe Oliveira	Neural circuits and behavior	Astrocytes support hippocampal-prefrontal theta synchronization and cognitive function	16:30-17:30
P.003	Inês Caetano	Neural circuits and behavior	D-serine modulates neural oscillations in the hippocampus-prefrontal cortex network	15:30-16:30
P.004	Gabriela Tavares	Neural circuits and behavior	Validation of an open source tool to study 3D astrocytes morphology	16:30-17:30
P.005	Bárbara Coimbra	Neural circuits and behavior	Impairments in laterodorsal tegmentum to VTA projections underlie glucocorticoid triggered reward deficits	15:30-16:30
P.006	Carina Soares-Cunha	Neural circuits and behavior	Dissecting the role of nucleus accumbens D1- and D2-MSNs in reinforcement	16:30-17:30
P.007	Sónia Borges	Neural circuits and behavior	The role of dopamine receptor 2-expressing neurons in social behavior	15:30-16:30
P.008	Margarida Cunha	Neural circuits and behavior	SIDE SPECIFIC IMPACT OF PERIPHERAL NEUROPATHIC LESIONS IN GOAL-DIRECTED AND IMPULSIVE DECISION MAKING: POTENTIAL ROLE OF NUCLEUS ACCUMBENS' DOPAMINE	16:30-17:30
P.009	Madalena Esteves	Neural circuits and behavior	Accumbal activity predicts impulsive action	15:30-16:30
P.010	Paulo Aguiar	Neural circuits and behavior	Encoding time in recurrent neuronal populations – a study with the COBA model	16:30-17:30
P.011	Ana Rosa Abreu	Neural circuits and behavior	The physiology of ion-channels in pain sensing neurons – relevance to chronic orofacial pain	15:30-16:30
P.012	Beatriz Szwarc	Neural circuits and behavior	K ⁺ Channels in Neurons from rat Dorsal Root Ganglia reveal new Therapeutic Leads for Inflammatory and Neuropathic Chronic Pain	16:30-17:30
P.013	Inês Almeida	Neural circuits and behavior	Should eye trust you: How the OFC and amygdala represent predictive cues of monetary outcome in a Trust economic game	15:30-16:30
P.014	Sara Santos	Neural circuits and behavior	Should eye trust you again? An fMRI study on decision-making	16:30-17:30
P.015	Ana Magalhães	Neural circuits and behavior	Comparison of two short periods of maternal separation on adolescent rat social behavior and drug reward	15:30-16:30
P.016	Haissa de Castro	Neural circuits and behavior	Evaluation of the receptor-mediated function of lactate in neuronal activity.	16:30-17:30
P.017	Ana David-Pereira	Neural circuits and behavior	Astrocytic metabotropic receptors type 5 in the infralimbic cortex tonically promote descending facilitation in monoarthritic, but not in healthy rats	15:30-16:30
P.018	Ana Gerós	Neural circuits and behavior	Automatic quantification of laboratory animal behavior using 3D video recording	16:30-17:30
P.019	Ana Patrícia Simões	Neural circuits and behavior	ATP-derived adenosine activates A2A receptors controlling long-term potentiation in the amygdala	15:30-16:30
P.020	Patrícia Francisco	Neural circuits and behavior	Commensal bacteria and essential amino acids control food choice behavior and reproduction	16:30-17:30
P.021	Paula Ventura Silva	Neural circuits and behavior	Microbiota mediates social and cognitive deficits in a mouse model of Caesaeran section	15:30-16:30
P.022	Ana Rita Costa	Neural circuits and behavior	Effects of opioids on descending pain facilitation during neuropathic pain	16:30-17:30
P.023	Anna Pliássova	Neural circuits and behavior	Dissecting the transducing systems involved in the control of long-term potentiation (LTP) in the amygdala by adenosine A2A receptors	15:30-16:30
P.024	Catarina Lima	Neural circuits and behavior	The role of chronic stress on addictive vulnerability – focus on the nucleus accumbens	16:30-17:30
P.025	David Brito	Neural circuits and behavior	Mimicking age-associated Gadd45y depletion results in memory impairments in young mice	15:30-16:30
P.026	Diana Amorim	Neural circuits and behavior	Minocycline reduces mechanical allodynia and depressive-like behaviour in type-1 diabetes mellitus in the rat	16:30-17:30
P.027	Ernesto Soares	Neural circuits and behavior	Towards EEG-clamp: reduced EEG spectral entropy through visual negative feedback	15:30-16:30
P.028	Filipa Júlio	Neural circuits and behavior	A novel ecological assessment of executive function in Huntington's disease	16:30-17:30
P.029	Helena Fernandes	Neural circuits and behavior	Silicon-based 3D optrode for optogenetic applications	15:30-16:30
P.030	Inês Laranjeira	Neural circuits and behavior	Selective optogenetic inhibition of prelimbic excitatory neurons during delay-period reverses pain-related working memory deficits	16:30-17:30
P.031	Irene Chaves-Coira	Neural circuits and behavior	Different Basal Forebrain neuronal populations display different cortical projection pathways to process information of different modalities	15:30-16:30
P.032	Catarina Duarte	Neural circuits and behavior	Rhythmic Motor Performance in Neurofibromatosis Type 1 as assessed by EEG and fMRI	16:30-17:30
P.033	Joana Amorim Freire	Neural circuits and behavior	Adenosine A1 receptor antagonism prevents DSI in hippocampal CA1 pyramidal cells	15:30-16:30
P.034	Joana Coutinho	Neural circuits and behavior	Neural Basis of Self-other Distinction during an fMRI empathic task	16:30-17:30

P.035	João Covita	Neural circuits and behavior	Peptidergic modulation of pain and anxiety: Forebrain relaxin-3/RXFP3 networks and descending control of nociception in mice	15:30-16:30
P.036	José Mateus	Neural circuits and behavior	A DIY system for in vitro multielectrode recording	16:30-17:30
P.037	José Tiago da Costa-Pereira	Neural circuits and behavior	Descending noradrenergic modulation recruitment in paclitaxel-induced neuropathic pain	15:30-16:30
P.038	Liliana Amorim	Neural circuits and behavior	Exploring the path between subjective sleep quality and cognitive performance	16:30-17:30
P.039	Liliana S. Carvalho	Neural circuits and behavior	Spinal cord plasticity in brain injury-induced motor deficits and long-term recovery	15:30-16:30
P.040	Lorena Petrella	Neural circuits and behavior	Connectivity of brain structures related to emotional processing: a study in Nf1+/- mice models	16:30-17:30
P.041	Marcelo D Mendonça	Neural circuits and behavior	Assessment of movement sequence kinematics in dopamine depleted animals	15:30-16:30
P.042	Maria J. Ribeiro	Neural circuits and behavior	Impaired noradrenergic modulation in healthy ageing: evidence from pupillography and electroencephalography	16:30-17:30
P.043	Maria Luisa Vasconcelos	Neural circuits and behavior	Carbon dioxide sensing in the innate olfaction center of Drosophila melanogaster	15:30-16:30
P.044	Marta Teixeira	Neural circuits and behavior	Neural responses to Illuminant Change - An EEG/ERP Oddball Study.	16:30-17:30
P.045	Marta Moita	Neural circuits and behavior	Freezing to inescapable repeated threats is modulated by walking velocity and mediated by a hitherto unidentified pair of descending neurons in fruit flies.	15:30-16:30
P.046	Matheus Farias	Neural circuits and behavior	Sound of silence: Neural mechanisms of freezing behavior as an alarm cue	16:30-17:30
P.047	Mirjam Heinemans	Neural circuits and behavior	If you say freeze, I'll freeze with you... how learning from self-experience affects the response to the display of defense behaviors of others.	15:30-16:30
P.048	Natália Madeira	Neural circuits and behavior	Synaptic cooperation and competition in lateral amygdala	16:30-17:30
P.049	Sandra Vaz	Neural circuits and behavior	Astrocytes, gliotransmitters and BDNF: working together to shape synaptic plasticity?	15:30-16:30
P.050	Sara Reis	Neural circuits and behavior	Different impact of the adenosinergic system in the dorsal versus ventral hippocampus	16:30-17:30
P.051	Lúisa Santa Marinha	Neural circuits and behavior	The role of phospholipase D in hippocampal synaptic plasticity.	15:30-16:30
P.052	Catarina Neves	Neurodegeneration	The retina as a mirror of the alterations observed in Alzheimer's disease brain? Evaluation of structural, cellular and molecular changes.	16:30-17:30
P.053	Rafael J. M. Carecho	Neurodegeneration	Are the main features of Alzheimer's brain mirrored by the retina?	15:30-16:30
P.054	Francisca Bravo	Neurodegeneration	The impact of phospholipase D functional ablation in physiology and in disease models in Caenorhabditis elegans	16:30-17:30
P.055	Ana I. Duarte	Neurodegeneration	CHANGES IN BRAIN GLUCOSE METABOLISM RENDER MIDDLE-AGED FEMALES LESS VULNERABLE TO CHRONIC TYPE 2 DIABETES-RELATED ALZHEIMER DISEASE	15:30-16:30
P.056	Isabel Paiva	Neurodegeneration	SODIUM BUTYRATE RESCUES DOPAMINERGIC CELLS FROM ALPHA-SYNUCLEIN-INDUCED TRANSCRIPTIONAL DEREGLATION AND DNA DAMAGE	16:30-17:30
P.057	Marco Rafael Guimarães	Neurodegeneration	Social behavior is impaired in chronic pain conditions	15:30-16:30
P.058	Sandro Dá Mesquita	Neurodegeneration	Meningeal lymphatic function in models of Alzheimer's disease	16:30-17:30
P.059	Inês Marques-Morgado	Neurodegeneration	Impact of neuronal adenosine A2A receptor overexpression on glial phenotype of the hippocampus	15:30-16:30
P.060	Ana Malheiro	Neurodegeneration	The (ether) link between phospholipids and myelination in the central nervous system	16:30-17:30
P.061	Andreia Castro	Neurodegeneration	Serotonergic signaling suppresses proteotoxicity	15:30-16:30
P.062	Belina Ferreira-Rodrigues	Neurodegeneration	From nutrient intake to brain regions volumes.	16:30-17:30
P.063	Bruno Almeida	Neurodegeneration	Macromolecular interactions and posttranslational modifications acting as Machado-Joseph Disease modifiers	15:30-16:30
P.064	Carla Lopes	Neurodegeneration	Huntington's disease patient-derived induced pluripotent and neural stem cells offer additional insights into mitochondrial-based pathological mechanisms	16:30-17:30
P.065	Carla Fonseca	Neurodegeneration	Neuroprotective and anti-inflammatory effects of Klotho in ventral midbrain cell cultures	15:30-16:30
P.066	Catarina Ezequiel	Neurodegeneration	SOD1G93A transduced microglia show a depressed inflammatory response to LPS	16:30-17:30
P.067	Claudia G. Almeida	Neurodegeneration	The Alzheimer's risk factors Bin1 and CD2AP polarize the endocytic generation of β -amyloid	15:30-16:30
P.068	Daniela Madeira	Neurodegeneration	Astrocytic ATP release under Alzheimer's disease conditions	16:30-17:30
P.069	Daniela Monteiro	Neurodegeneration	Identifying the molecular underpinning of altered corticosteroid milieu in brain - impact on Tau phosphorylation profile	15:30-16:30
P.070	Elisabete Ferreira	Neurodegeneration	Chronic hyperglycemia impairs the maturation of newly-generated hippocampal neurons and exacerbates memory loss in a mouse model of Alzheimer's disease	16:30-17:30

P.071	Graça Baltazar	Neurodegeneration	INHIBITION OF GLIAL STEP AS A PROTECTIVE STRATEGY IN EXPERIMENTAL MODELS OF PARKINSON'S DISEASE	15:30-16:30
P.072	Helena Cavaleiro	Neurodegeneration	Is TRPV1 involved in pain and bladder dysfunction associated with multiple sclerosis? An experimental study in the rat.	16:30-17:30
P.073	Inês Dinis Aires	Neurodegeneration	Intravitreal injection of adenosine A2A receptor antagonist reduces neuroinflammation and vascular leakage in the retinas of diabetic mice	15:30-16:30
P.074	Inês Amaral	Neurodegeneration	INTRACEREBROVENTRICULAR ADMINISTRATION OF A GLIOTOXIN IMPAIRS HIPPOCAMPAL SYNAPTIC FUNCTION	16:30-17:30
P.075	Inês Figueira	Neurodegeneration	Dietary (poly)phenol metabolites neuroprotection in a Parkinson's disease 3D cell model	15:30-16:30
P.076	Jessica Eira	Neurodegeneration	Actin cytoskeleton disruption as a novel player in the pathogenesis of familial amyloid polyneuropathy	16:30-17:30
P.077	Carolina Cunha	Neurodegeneration	Differently aged microglia from the spinal cord of SOD1G93A mice show diverse polarized phenotypes, which are exacerbated by co-incubation with their counterpart astrocytes	15:30-16:30
P.078	Joana Margarida Martins	Neurodegeneration	Activation of adenosine A3 receptor prevents pressure-induced retinal neuronal cell death	16:30-17:30
P.079	Joana M Silva	Neurodegeneration	Chronic stress triggers Tau pathology through autophagy inhibition and induction of stress granules	15:30-16:30
P.080	Joana Branco dos Santos	Neurodegeneration	Protein phosphatase 1 modulates mutant huntingtin aggregation and toxicity	16:30-17:30
P.081	João Bettencourt Relvas	Neurodegeneration	Caveolin-1-mediated internalization of the vitamin C transporter SVCT2 in microglia triggers an inflammatory phenotype	15:30-16:30
P.082	João Fonseca-Gomes	Neurodegeneration	Impact of BDNF receptor cleavage on AD pathophysiology	16:30-17:30
P.083	João do Canto	Neurodegeneration	Impact of immune system aging on Multiple Sclerosis' forms of progression: study of the thymic function	15:30-16:30
P.084	Joao Castelhana	Neurodegeneration	Magnetic Resonance and PET imaging of a transgenic mouse model of Alzheimer's disease: an in vivo longitudinal study	16:30-17:30
P.085	Joao Sá	Neurodegeneration	Spinal Muscular Atrophy: LARP4 is a novel regulator of SMN expression	15:30-16:30
P.086	Clara Quintas	Neurodegeneration	Astroglial proliferation induced by adenosine is mediated by A2A/2B receptors, coupled to the PKA-ERK pathway and is under control of microglia	16:30-17:30
P.087	Glória Queiroz	Neurodegeneration	Microglia P2Y13 receptors modulate astrocyte proliferation mediated by P2Y1/12 receptors	15:30-16:30
P.088	Maria Cachide	Neurodegeneration	Genetic risk factors in a dementia subgroup of a primary care-based portuguese cohort	16:30-17:30
P.089	Mariana Temido-Ferreira	Neurodegeneration	Reversion of age-related changes in long-term depression by adenosine A2A receptor blockade	15:30-16:30
P.090	Marlene C. Pereira	Neurodegeneration	Impact of astrocytes on hippocampal synaptic plasticity	16:30-17:30
P.091	Marta D. Costa	Neurodegeneration	Genetic anti-aging manipulations differentially modify disease manifestations and protein aggregation in a Caernohabditis elegans model of Machado-Joseph disease	15:30-16:30
P.092	Marta Barbosa	Neurodegeneration	Recovery of miR-146a levels through overexpression reverts astrocyte reactivity in cells from ALS mice and modulate astrocytic exosome cargo	16:30-17:30
P.093	Nádia Rei	Neurodegeneration	EXPRESSION OF VEGF AND VEGF RECEPTORS IN AMYOTROPHIC LATERAL SCLEROSIS (ALS) MICE MODEL AT DIFFERENT DISEASE STAGES	15:30-16:30
P.094	Neide Vieira	Neurodegeneration	Exploring Sorting Nexin 27 role in Pain	16:30-17:30
P.095	Pedro Pascoal	Neurodegeneration	S100B-RAGE axis is increased in Experimental Autoimmune Encephalomyelitis and reduced upon dimethyl fumarate treatment	15:30-16:30
P.096	Ricardo Magalhães	Neurodegeneration	The dynamics of stress: a longitudinal MRI study of brain structure and connectome	16:30-17:30
P.097	Rita Belo	Neurodegeneration	Exploring Kyotorphin and Amidated-Kyotorphin actions upon synaptic transmission and calpain and caspases activation	15:30-16:30
P.098	Sandra Tenreiro	Neurodegeneration	Synucleins levels and distribution are altered in mouse retinal neurons with ageing and diabetic retinopathy	16:30-17:30
P.099	Sara Duarte-Silva	Neurodegeneration	Neuroinflammation assessment in a transgenic mouse model of Machado-Joseph disease	15:30-16:30
P.100	Sara Guerreiro	Neurodegeneration	A Novel Role for Tau Protein in Mood and Cognitive Deficits Induced by a Peripheral Neuropathy	16:30-17:30
P.101	Sara Tanqueiro	Neurodegeneration	Inhibition of extrasynaptic NMDA receptors prevents the loss of BDNF function induced by amyloid β	15:30-16:30
P.102	Sofia Neves	Neurodegeneration	Thymic alterations in MOG-induced experimental autoimmune encephalomyelitis.	16:30-17:30
P.103	Sónia Puga	Neurodegeneration	Mercury contamination alters the season-dependent variation in brain morphology of wild fish (<i>Liza aurata</i>)	15:30-16:30
P.104	Tânia Martins	Neurodegeneration	Phosphoprotein profiles triggered by OA involved in neuronal death and cytoskeletal organization	16:30-17:30
P.105	Tatiana Burrinha	Neurodegeneration	Why is Aging the major risk factor for A β accumulation and AD development?	15:30-16:30
P.106	Teresa Castanho	Neurodegeneration	Validating use of rapid testing through technology and informant reports for cognitive assessment in aging: an holistic overview.	16:30-17:30
P.107	Vitor Ferreira	Neurodegeneration	Immune profile characterization of an Alzheimer's disease mice model	15:30-16:30

P.108	Pedro Dionísio	Neurodegeneration	Microglial Parkin at the crossroads between neuroinflammation and necroptosis	16:30-17:30
P.109	André Nadais	Neurodegeneration	Protein aggregation and phosphorylation in a dementia subgroup of a primary care-based cohort	15:30-16:30
