

## Poster session - Friday 26

Poster No	Presenter	Topic	Title	Presentation time
P.110	Joana Correia	Neuropsychiatric disorders	Exploring the astrocytic neuroprotective functions in a chronic mild stress model of depression	12:00-13:00
P.111	Antonio Mateus-Pinheiro	Neuropsychiatric disorders	EXPLORING TIME-DEPENDENT ANATOMICAL AND FUNCTIONAL CORRELATES OF ADULT HIPPOCAMPAL CYTOGENESIS IN YOUNG-ADULT RATS	11:00-12:00
P.112	Patrícia Patrício	Neuropsychiatric disorders	Relevance of adult cytotogenesis for behavior in female rats and the role of female hormones	12:00-13:00
P.113	Ana Rita Santos	Neuropsychiatric disorders	Glial plasticity as a key mechanism underlying the pathophysiology of depression	11:00-12:00
P.114	Cláudia Antunes	Neuropsychiatric disorders	Role of Tet3 in brain function	12:00-13:00
P.115	Eduardo Loureiro-Campos	Neuropsychiatric disorders	AP2gamma transcription factor role in the modulation of adult glutamatergic neurogenesis in depression	11:00-12:00
P.116	Nuno Dinis Alves	Neuropsychiatric disorders	Adult hippocampal neuroplasticity triggers susceptibility to recurrent depression	12:00-13:00
P.117	Cláudia Serre Miranda	Neuropsychiatric disorders	The absence of $\alpha\beta$ T cells leads to altered depressive-like behavior but normal cognitive performance	11:00-12:00
P.118	Susana Roque	Neuropsychiatric disorders	The lack of the anti-inflammatory interleukin 10 (IL 10) leads to cognitive impairment	12:00-13:00
P.119	Andrea Lobo	Neuropsychiatric disorders	Methamphetamine-induced changes in neuronal morphology are regulated by rhoGTPases signaling	11:00-12:00
P.120	Joana M. Ribeiro	Neuropsychiatric disorders	New possible therapeutic targets in methamphetamine exposure	12:00-13:00
P.121	Joana Bravo	Neuropsychiatric disorders	Methamphetamine and neuroinflammation: The crosstalk between microglia and neuronal cells	11:00-12:00
P.122	João Magalhães	Neuropsychiatric disorders	Neurolastin as a possible regulator of methamphetamine-induced changes in neuronal morphology	12:00-13:00
P.123	Teresa Canedo	Neuropsychiatric disorders	Methamphetamine-induced neuroimmune response: focus on astrocyte-microglia crosstalk	11:00-12:00
P.124	Teresa Summavielle	Neuropsychiatric disorders	The antigenic effect of ethanol in adult mice requires TNF production from microglia	12:00-13:00
P.125	Christina Miskolczi	Neuropsychiatric disorders	From childhood social adversities to abnormal aggressive behaviour in adulthood – does the central serotonergic system have an active role this transition?	11:00-12:00
P.126	Carla Henriques	Neuropsychiatric disorders	Chronic blockade of adenosine A2A receptors: gender-specific reprogramming of microglia morphology in the pre-frontal cortex	12:00-13:00
P.127	Joana Gonçalves	Neuropsychiatric disorders	Excitation/inhibition balance and glial function in mouse model of neurofibromatosis type 1: distinct susceptibility of hippocampus, prefrontal cortex and striatum	11:00-12:00
P.128	Rita Gaspar	Neuropsychiatric disorders	MICROGLIA MORPHOLOGY IN THE DORSAL HIPPOCAMPUS OF FEMALE RODENTS: A COMPARATIVE STUDY WITH THE PREFRONTAL CORTEX	12:00-13:00
P.129	Chrysoula Dioli	Neuropsychiatric disorders	Tau-dependent suppression of neurogenesis in the stressed hippocampus	11:00-12:00
P.130	Daniela Moutinho	Neuropsychiatric disorders	Human VGF-derived anti-depressive neuropeptide TLQP-62 binds to the heat shocks proteins HSPA8 and HSPD1 on the SH-SY5Y surface cells	12:00-13:00
P.131	Isabel Castanho	Neuropsychiatric disorders	Transcriptional and epigenomic profiling in the entorhinal cortex in amyloid and tau mouse models of Alzheimer's disease	11:00-12:00
P.132	Joana Reis	Neuropsychiatric disorders	Identification of electroencephalogram predictors of functional magnetic resonance activations in an emotional regulation task	12:00-13:00
P.133	João Pedro Lopes	Neuropsychiatric disorders	The blockade of neuronal A2A adenosine receptors prevents impairment by beta amyloid peptides of hippocampal synaptic plasticity	11:00-12:00
P.134	Marton Mayer	Neuropsychiatric disorders	New aspect of the glutamatergic nature and projection patterns of the median raphe cells	12:00-13:00
P.135	Patrícia Santos	Neuropsychiatric disorders	Alterations of excitatory/inhibitory balance in different brain regions of suicide completers	11:00-12:00
P.136	Pedro Silva Moreira	Neuropsychiatric disorders	The neural correlates of Obsessive Compulsive Disorder: a multimodal perspective	12:00-13:00
P.137	Vanessa Coelho-Santos	Neuropsychiatric disorders	Effects of early developmental chronic exposure to methylphenidate on both brain's immune privilege and anxiety-like behavior: Control vs ADHD rats	11:00-12:00
P.138	Luís Rocha	Regeneration and therapies	Role of ECM-derived Peptides on Cellular Adhesion and Neurite Outgrowth for Spinal Cord Injury Repair	12:00-13:00
P.139	Rita Assunção Silva	Regeneration and therapies	Exploring the impact of different tissue-sources MSC Secretome on neuronal differentiation and axonal growth: A comparative study.	11:00-12:00
P.140	Rui Lima	Regeneration and therapies	Effect of Systemic Administration of Interleukin-4 After Spinal Cord Injury	12:00-13:00
P.141	Susana Monteiro	Regeneration and therapies	Exploring doublecortin (DCX)+ cells after spinal cord injury	11:00-12:00
P.142	Elisabete Apolinário da Costa	Regeneration and therapies	Baccharis dracunculifolia decreases nociception, depressive-like behaviour and supraspinal activated microglia in rats with experimental monoarthritis	12:00-13:00

P.143	Inês Laranjeira	Regeneration and therapies	Baccharis dracunculifolia decreases nociception, depressive-like behaviour and supraspinal activated microglia in rats with experimental monoarthritis	11:00-12:00
P.144	Raquel Oliveira	Regeneration and therapies	Development of neurogenic detrusor overactivity is prevented by early bladder afferent desensitization in spinal cord injured rats	12:00-13:00
P.145	Bruno MDC Godinho	Regeneration and therapies	Polyunsaturated Fatty Acid hsiRNA Conjugates Display Enhanced Distribution and Robust Huntingtin Gene Silencing in the Mouse Brain	11:00-12:00
P.146	Sofia Grade	Regeneration and therapies	Local environment determines integration of transplanted neurons	12:00-13:00
P.147	Ana Armada-Moreira	Regeneration and therapies	Astrosomes: artificial astrocytes as a novel approach to regulate neuronal communication	11:00-12:00
P.148	Ana Paula Pêgo	Regeneration and therapies	BDNF gene therapy vectorized by neuron-targeted nanoparticle is neuroprotective in peripheral nerve injury	12:00-13:00
P.149	Ana Rita Costa	Regeneration and therapies	Actin Rings: its assembly and physiological relevance	11:00-12:00
P.150	Catarina Oliveira Miranda	Regeneration and therapies	Repeated systemic injection of mesenchymal stem cells sustainably alleviates motor impairments and mitigates neuropathology in Machado-Joseph disease	12:00-13:00
P.151	Cláudia Afonso	Regeneration and therapies	ADENOSINE A2A RECEPTORS MODULATE RAT IN VIVO OLIGODENDROGENESIS	11:00-12:00
P.152	Diana Afonso	Regeneration and therapies	The impact of choroid plexus derived factors in the modulation of the sub ventricular zone neurogenic niche	12:00-13:00
P.153	Isabel F. Amaral	Regeneration and therapies	Fibrin hydrogels functionalized with integrin-specific adhesive cues for therapeutic vascularization in the central nervous system	11:00-12:00
P.154	Maria H. Madeira	Regeneration and therapies	Modulation of the complement cascade and inflammasome pathways in human microglial cells by adenosine A2A receptor blockade	12:00-13:00
P.155	Marília Torrado	Regeneration and therapies	The LAL (levator auris longus) muscle is an accessible system to study the effects of Botulinum Toxins in vivo	11:00-12:00
P.156	Nuno Dias	Regeneration and therapies	Working memory assessment: A computerized test battery for the older adult	12:00-13:00
P.157	Raquel Alonso	Regeneration and therapies	Effect of SPRR1A overexpression on the nociceptive behaviour of OA animals	11:00-12:00
P.158	Rita Perfeito	Regeneration and therapies	Alpha-synuclein secretion in in vitro models of Parkinson's disease – a role for autophagy	12:00-13:00
P.159	Sandra Marisa Oliveira	Regeneration and therapies	Therapeutic effects of a novel mesenchymal stem cell population in a rat model of diabetic neuropathy: Is there a role for soluble adhesion molecules?	11:00-12:00
P.160	Sara Xapelli	Regeneration and therapies	Postnatal hippocampal neurogenesis is regulated by adenosine A2A receptor	12:00-13:00
P.161	Sofia Duque Santos	Regeneration and therapies	PEGylated PAMAM dendrimers can effectively reach the injured ischemic brain	11:00-12:00
P.162	Sónia Duarte	Regeneration and therapies	Autophagy activation mediated by let-7 alleviates motor and neuropathological deficits in pre- and post-symptomatic Machado-Joseph disease mouse models	12:00-13:00
P.163	Rita Costa	Regeneration and therapies	Profilin-1 is a key regulator of actin and microtubule dynamics required for optimal axon growth and regeneration	11:00-12:00
P.164	Márcio Costa	Neurodevelopment and cell biology	Structural functional relationships of the Alzheimer's Amyloid Precursor Protein	12:00-13:00
P.165	Tiago Silva	Neurodevelopment and cell biology	Plasmalogen deficiency affects muscle innervation and synapse formation	11:00-12:00
P.166	Céline S. Gonçalves	Neurodevelopment and cell biology	WNT6 regulation in glioblastoma: mechanistic, functional and clinical implications	12:00-13:00
P.167	Ana Xavier-Magalhães	Neurodevelopment and cell biology	Reversal of tumor cell replicative immortality in a TERT promoter mutation dependent manner	11:00-12:00
P.168	Eduarda Martins	Neurodevelopment and cell biology	CDH3/P-cadherin as a putative HOXA9 target in gliomas: functional and clinical relevance	12:00-13:00
P.169	Joana Vieira de Castro	Neurodevelopment and cell biology	Autofluorescence: a new biomarker for Glioblastoma Stem Cells' identification	11:00-12:00
P.170	Diogo S. Castro	Neurodevelopment and cell biology	The transcription factor MyT1 counteracts the neural progenitor program to promote vertebrate neurogenesis	12:00-13:00
P.171	Sofia Alçada-Morais	Neurodevelopment and cell biology	CORTICAL NEURONAL MIGRATION ENTAILS A2A RECEPTOR-DRIVEN NEURONAL POLARIZATION AND AXON FORMATION	11:00-12:00
P.172	Catarina Almeida	Neurodevelopment and cell biology	A novel system to study the spontaneous dimerization of inactive STAT3	12:00-13:00
P.173	Ana Veloso	Neurodevelopment and cell biology	The role of N-glycans in the structure and function of the C. elegans nervous system	11:00-12:00
P.174	Ana Filipa Dias	Neurodevelopment and cell biology	A role for Hipk2 in Prrxl1 phosphorylation and activity during the development of nociceptive neurons	12:00-13:00
P.175	Ana Filipa Pinto	Neurodevelopment and cell biology	Brain metastases from testicular cancer: Imaging features	11:00-12:00
P.176	Ana Isabel Nascimento	Neurodevelopment and cell biology	Dissecting the establishment and maintenance of the central-peripheral polarity in dorsal root ganglia neurons: The proximal segment in health and disease	12:00-13:00
P.177	Ana G Mestre	Neurodevelopment and cell biology	Electrical detection of extra-cellular long-lasting potentials in astrocytes using polymer based devices	11:00-12:00
P.178	André Bastos	Neurodevelopment and cell biology	Effect of feeding cycle on excitability of rat hippocampal neurons – the role of voltage-gated Na <sup>+</sup> channels.	12:00-13:00
P.179	Carlos Bessa	Neurodevelopment and cell biology	Functional analysis of UPS genes linked to developmental disorders, in C. elegans	11:00-12:00

P.180	Catarina Miranda-Lourenço	Neurodevelopment and cell biology	Characterization of BDNF signalling and adenosinergic system in Rett Syndrome	12:00-13:00
P.181	Henrique Alves	Neurodevelopment and cell biology	Reduction of CRB2 Specifically in Mouse Photoreceptors with concomitant loss of CRB1 in Müller Glial Cells Mimics early-onset Retinitis Pigmentosa	11:00-12:00
P.182	Filipa Martins	Neurodevelopment and cell biology	BRI2 is a novel player in neurogenesis	12:00-13:00
P.183	Filipe Monteiro	Neurodevelopment and cell biology	Tlx3 is a master gene in generating excitatory over inhibitory neurons in the dorsal spinal cord	11:00-12:00
P.184	Filippo Calzolari	Neurodevelopment and cell biology	Changes in clonal dynamics during aging of the mouse subependymal zone	12:00-13:00
P.185	Joana Ferreira	Neurodevelopment and cell biology	A possible role for Polo-like kinase 1 in the spontaneous dimerization of STAT3	11:00-12:00
P.186	José Ricardo Vieira	Neurodevelopment and cell biology	Effect of TTR in the blood brain barrier – Implications in physiology and pathology	12:00-13:00
P.187	Juliana Macedo	Neurodevelopment and cell biology	Rare Brain Metastases from Prostate Cancer: Neuroimaging Analysis	11:00-12:00
P.188	Mafalda Sampaio Alves	Neurodevelopment and cell biology	Brain Metastases from Thyroid Cancer: A 10-Year Analysis with Emphasis on Imaging Characteristics, Incidence, and Prognosis	12:00-13:00
P.189	Mário Soares	Neurodevelopment and cell biology	Mitotic inheritance of the neural stem cell network	11:00-12:00
P.190	Miguel Pinheiro	Neurodevelopment and cell biology	Portraying Gender Differences in Microglia Morphology Across Brain Regions	12:00-13:00
P.191	Pedro Rosmaninho	Neurodevelopment and cell biology	Zeb1 potentiates genome-wide gene transcription in glioblastoma cancer stem cells via a novel Lef1-dependent mechanism	11:00-12:00
P.192	Rafael Miranda	Neurodevelopment and cell biology	Insight into transcriptional regulation and expression of Neph1 in the establishment of dorsal root ganglion-spinal cord circuitry	12:00-13:00
P.193	Ricardo Letra Vilela	Neurodevelopment and cell biology	New protein complementation systems of optogenetic proteins	11:00-12:00
P.194	Sandra F. Gomes	Neurodevelopment and cell biology	Striatal functions of Foxp1 in motor-sequence learning, automatization of behaviour and social interaction	12:00-13:00
P.195	Ana Rita Pereira	Neurodevelopment and cell biology	Effect of Seizures on the Severity of Epileptic and Cognitive Phenotypes in Mouse Models of Scn1a Mutations	11:00-12:00