

PROGRAM – May 25, 2017

- 8h30 Registration
9h15 Welcome remarks
9h30 **Keynote Lecture – Repertoire and function of meningeal immunity in healthy and diseased brain.**
Jonathan Kipnis | University of Virginia, USA.
10h30 Coffee break
11h00 **Session I – Neural circuits and behavior**
Chairs: Nuno Sousa (ICVS, University of Minho)
Rui Costa (Champalimaud Research)
11h00 **Mapping the mind with words.**
Sidarta Ribeiro | Brain Institute, UFRN
Selected oral communications
11h30 **Impairments in laterodorsal tegmentum to VTA projections underlie glucocorticoid triggered reward deficits.**
Bárbara Coimbra - ICVS, University of Minho
11h45 **Activation of neuronal A2AR by ATP-derived adenosine facilitates hippocampal LTP: physiopathological role of CD73.**
Francisco Queiroz Gonçalves - CNC, University of Coimbra
12h00 **$\gamma\delta$ T cells are the major source of IL-17 in the meninges and control brain cognitive functions.**
Julie Ribot - IMM, Lisboa
12h15 **Modulatory effects of an escape alternative in pro-social behavior.**
Joana Carvalheiro - School of Psychology, University of Minho
12h30 Lunch
14h00 **Session II – Neurodegeneration**
Chairs: João Cerqueira (ICVS, University of Minho)
Odete Cruz e Silva (Ibimed, University of Aveiro)
14h00 **Cracking the code: protein posttranslational modifications and the molecular basis of neurodegeneration.**
Tiago Fleming Outeiro | Univ. Medical Center Goettingen
Selected oral communications
14h30 **Relevance of neuron-microglia vesicular trafficking, stress-related microRNAs and DAMPs in Alzheimer's disease.**
Adelaide Fernandes - iMed.Ulisboa, Faculty of Pharmacy, University of Lisbon
14h45 **ATXN3 modulates mRNA splicing of Tau through ubiquitylation of splicing factors.**
Andreia Neves-Carvalho - ICVS, University of Minho
15h00 **Sodium butyrate rescues dopaminergic cells from alphasynuclein-induced transcriptional deregulation and DNA damage.**
Isabel Paiva - Dep. of NeuroDegeneration and Restorative Research, University Medical Center Goettingen
15h15 **Tau therapeutics in stress-driven brain pathology: exploring the path from depression to Alzheimer's disease.**
Ioannis Sotiropoulos - ICVS, University of Minho
15h30 **Poster Session I**
Coffee Break

- 17h30 **Session III – Neuropsychiatric disorders**
Chairs: Luísa Pinto (ICVS, University of Minho)
Rodrigo Cunha (CNC, University of Coimbra)
- 17h30 **My brain on a 24/7 schedule - impact on memory function.**
Luísa V. Lopes | IMM
Selected oral communications
- 18h00 **Exploring time-dependent anatomical and functional correlates of adult hippocampal cytotogenesis in young-adult rats.**
António Mateus-Pinheiro - ICVS, University of Minho
- 18h15 **Chronic blockade of adenosine A2A receptors: gender-specific reprogramming of microglia morphology in the pre-frontal cortex.**
Carla Henriques - IBILI, University of Coimbra
- 18h30 **Autism-associated Caspr2 regulates synaptic AMPA receptors in the context of homeostatic synaptic plasticity.**
Dominique Fernandes - CNC, University of Coimbra
- 18h45 **Excitation/inhibition balance and glial function in mouse model of neurofibromatosis type 1: distinct susceptibility of hippocampus, prefrontal cortex and striatum.**
Joana Gonçalves - ICNAS, University of Coimbra
- 19h00 25th SPN Anniversary
19h15 SPN General Assembly
Dinner - Shuttles available from Meliã to dinner Venue - from 19:15 to 20:30

PROGRAM – May 26, 2017

- 9h00 **Session IV – Regeneration and therapies**
Chairs: António Salgado (ICVS, University of Minho)
Ana Paula Pêgo (INEB / i3S, University of Porto)
- 9h00 **Nanomedicine approaches to modulate neural stem cells for brain repair.**
Liliana Bernardino | CICS, University of Beira Interior
Selected oral communications
- 9h30 **A New Paradigm for Parkinson's Disease Regenerative Medicine based on the Secretome of Mesenchymal Stem Cells.**
Bárbara Pinheiro - ICVS, University of Minho
- 9h45 **Gene silencing in a spinal cord injury model by local application of LNAgapmer antisense oligonucleotides.**
Pedro Moreno - i3S, University of Porto
- 10h00 **Non-invasive silencing of mutant ataxin-3 alleviates motor and neuropathological deficits in a transgenic mouse model of Machado-Joseph disease.**
Rui Jorge Nobre - CNC, University of Coimbra
- 10h15 **Local environment determines integration of transplanted neurons.**
Sofia Grade - LMU/Helmholtz Zentrum, Munich
- 10h30 **Poster Session II**
Coffee Break
- 11h30 MultiChannel Systems Live Demo – STARTS at ICVS (more info at MultiChannel Systems booth).
- 13h00 Lunch
- 14h30 **Session V – Neurodevelopment and Cell Biology**
Chairs: Patrícia Maciel (ICVS, University of Minho)
João Relvas (I3S, University of Porto)
- 14h30 **Transcriptional control of neurogenesis in time and space.**
Bassem Hassan | ICM-Hôpital Pitié-Salpêtrière
Selected oral communications
- 15h00 **Lipocalin-2 regulates adult neurogenesis and contextual discriminative behaviors.**
Ana Catarina Ferreira - ICVS, University of Minho
- 15h15 **The transcription factor MyT1 counteracts the neural progenitor program to promote vertebrate neurogenesis.**
Diogo S. Castro - Instituto Gulbenkian de Ciência
- 15h30 **Cortical neuronal migration entails A2A receptor-driven neuronal polarization and axon formation.**
Sofia Alçada-Morais - CNC University of Coimbra
- 15h45 **WNT6 regulation in glioblastoma: mechanistic, functional and clinical implications.**
Céline S. Gonçalves - ICVS, University of Minho
- 16h00 **Coffee break**
- 16h30 **Keynote Lecture - Molecular, cellular, and circuit mechanisms that link memories across time.**
Alcino Silva | University of California, Los Angeles (UCLA)
- 17h30 Awards and closing remarks