

Posters

P1 - Pereira PA	P45 - da Rosa F
P2 - Pinheiro S	P46 - Ribeiro FF
P3 - Bessa C	P47 - Bravo FV
P4 - Correia SC	P48 - Mouro F
P5 - Tak H	P49 - Silva I
P6 - Lopes JP	P50 - Tavares I
P7 - Naia L	P51 - Messias JP
P8 - Caetano AP	P52 - Paula J
P9 - da Silva AC	P53 - Duarte-Araújo M
P10 - Júlio F	P54 - Fardilha M
P11 - Sousa RM	P55 - Silva MM
P12 - Mota C	P56 - Carvalho S
P13 - Martins-Araujo M	P57 - Cardoso SC
P14 - Caetano G	P58 - Silva T
P15 - Caetano G	P59 - Ferreira NR
P16 - Alfonso M	P60 - Pires AO
P17 - Cousiño LAJ	P61 - Mendes-Pedro D
P18 - Blanco DF	P62 - Alves ND
P19 - Gouveia TLF	P63 - Villegas ME
P20 - Scorza FA	P64 - Fonseca MB
P21 - Faro LRF	P65 - Bento AR
P22 - Neves-Carvalho A	P66 - Coelho-Santos V
P23 - Araújo MGL	P67 - Calçada D
P24 - Santos-Carvalho A	P68 - Rocha DN
P25 - Lopes C	P69 - Bóia R
P26 - Ferreira IL	P70 - Castelhana J
P27 - Videira R	P71 - Silva JC
P28 - Neves J	P72 - Tavares P
P29 - Teixeira-Castro A	P73 - Pereira AC
P30 - Tralhão P	P74 - Ferreira S
P31 - Henriques AG	P75 - Carvalho LS
P32 - dos Santos JB	P76 - Guimarães MR
P33 - Duarte-Silva S	P77 - Leite-Almeida T
P34 - Pliássova A	P78 - Camacho M
P35 - Santos RX	P79 - Ramalhosa F
P36 - Durán R	P80 - Santos A
P37 - Matos CA	P81 - Soares M
P38 - David-Pereira A	P82 - Ferreira AC
P39 - Ribeiro A	P83 - de Souza CM
P40 - Teixeira-Castro A	P84 - Morais M
P41 - Bastos AEP	P85 - Amorim D
P42 - Castro Neto EF	P86 - Mutlu S
P43 - Patrício C	P87 - Lourenço CF
P44 - Szabó EC	

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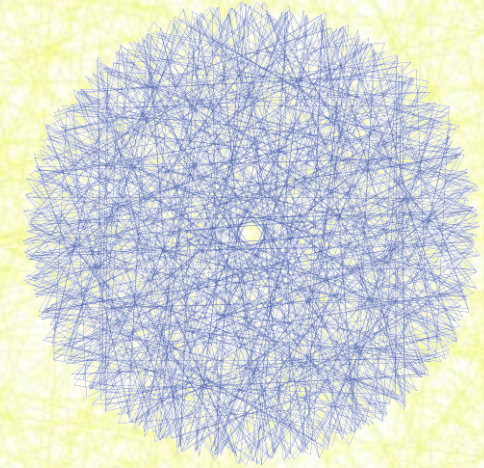
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Ana Paula Silva
Ana Raquel Santiago
António Francisco Ambrósio
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Dan Brudzewsky
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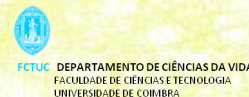
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XIII REUNIÃO DA SOCIEDADE PORTUGUESA DE NEUROCIÊNCIAS
30, 31 DE MAIO E 1 DE JUNHO, 2013
LUSO, PORTUGAL



We make it visible.



CENTER FOR NEUROSCIENCE AND CELL BIOLOGY
UNIVERSITY OF COIMBRA, PORTUGAL



**SOCIEDADE PORTUGUESA
DE NEUROCIÊNCIAS**



Program

|| May 30 ||

13h45 Registration

14h45 - 15h00 Opening Session

15h00 - 16h00 Plenary Lecture I

PL1 - Miguel Castelo-Branco (IBIL, Coimbra, PORTUGAL)
Systems Neurobiology: New Trends in Translational Neuroscience

16h00 - 18h30 Symposium I - Neurodevelopment

16h00 SI1 - Susana da Silva (Harvard Medical School, Boston, USA)
Searching the source of topography in the somatosensory system. Role of periphery TGF- β signaling in barrelette development
16h30 SI2 - Pedro Brites (IBMC, Porto, PORTUGAL)
Ether-phospholipid functions on Schwann cell differentiation and myelination

17h00 SI3 - Domingos Henrique (IMM, Lisbon, PORTUGAL)
Understanding cell fate decisions in the embryonic neural retina

17h30 SI4 - Márcia Almeida Liz (IBMC, Porto, PORTUGAL)
Neuronal deletion of GSK3 β increases microtubule dynamics in the growth cone enabling axonal regeneration

18h00 SI5 - Joana Paes de Faria (IBMC, Porto, PORTUGAL)
Profilin1 regulates PNS myelination

18h15 SI6 - Joana M. Marques (Instituto de Neurociencias de Alicante, SPAIN)
CRMP2 tethers kainate receptor activity to cytoskeleton dynamics during development

18h30 - 18h45 Coffee-Break

18h45 - 19h45 Fire Session I

Neurogenesis and neural cell differentiation / Cell signaling I / Neurodegeneration and neuroprotection I

19h45 Prémio Janssen Neurociências

20h05 Reception

|| May 31 ||

09h00 - 11h30 Symposium II – Communication in the Nervous System

09h00 SI1 - Ana Saavedra (University of Barcelona, SPAIN)
BDNF regulates striatal-enriched protein tyrosine phosphatase levels in cortical neurons

09h25 SI2 - Rita Teodoro (Harvard Medical School, Boston, USA)
Ral mediates activity-dependent growth of postsynaptic membranes via recruitment of the exocyst

09h50 SI3 - Rui Peixoto (Harvard Medical School, Boston, USA)
Trans-synaptic signaling by cleavage of Neuroligin-1

10h15 SI4 - Ana Luísa Carvalho (CNC, Coimbra, PORTUGAL)
Modulation of hippocampal glutamatergic synapses by ghrelin

10h45 SI5 - Luísa V. Lopes (IMM, Lisbon, PORTUGAL)
Clues to the 'early-aging' of the hippocampus – Impact on cognition

11h15 SI6 - Diogo Rombo (IMM, Lisbon, PORTUGAL)
Adenosine A2A receptors mediate hippocampal network disinhibition specifically through parvalbumin expressing interneurons

11h30 - 12h00 Coffee-Break

12h00 - 13h00 Plenary Lecture II

PL2 - Daniel Choquet (Institut Interdisciplinaire de Neuroscience, Bordeaux, FRANCE)
A nanoscale view into the dynamic of AMPA receptor organization in synapses

13h00 - 15h00 Lunch/Posters

15h00 - 17h30 Symposium III - Cognition and Behaviour

15h00 SI11 - Mónica Santos (Center for Genomic Regulation, Barcelona, SPAIN)
Hippocampal hyperexcitability and impaired ERK signaling underlie enhanced and extinction-resistant fear memories in a mouse overexpressing TrkC, a model of panic disorder

15h30 SI12 - Ana M. Oliveira (University of Heidelberg, GERMANY)
Rescue of aging-associated decline in Dnmt3a2 expression restores cognitive abilities

16h00 SI13 - Tiago V. Maia (University of Lisbon, PORTUGAL)
Reinforcement learning in avoidance, habits, and tics

16h30 SI14 - Marta Moita (Champalimaud Neuroscience Programme, Lisbon, PORTUGAL)
Listening to the sound of silence

17h00 SI15 - Henrique Sequeira (University of Lille, FRANCE)
Affective brain networks: a neurodynamic approach

17h15 SI16 - Jorge Valero (CNC, Coimbra, PORTUGAL)
Long-term effects of an acute administration of lipopolysaccharide on spatial memory and adult neurogenesis in the triple transgenic mouse model of Alzheimer's disease

17h30 - 18h00 Coffee-Break

18h00 - 18h30 Prémios Artigo Destaque SPN_2012 & SPN_2013

Sponsored by Bayer

18h30 - 19h00 Horizon 2020 and Neuroscience Research - FCT

19h00 - 20h00 SPN General Assembly

20h00 Dinner

|| June 1 ||

09h00 - 10h00 Plenary Lecture III

PL3 - Óscar Marín (Instituto de Neurociencias de Alicante, SPAIN)
Neurodevelopment and Nervous System Diseases: Molecular mechanisms controlling the development of cortical interneurons

10h00 - 11h00 Fire Session II

Neural Systems I / Cell signaling II / Neurodegeneration and neuroprotection II

11h00 - 11h30 Coffee-Break

11h30 - 12h30 Fire Session III

Neural Systems II / Neuroinflammation / Neurodegeneration and neuroprotection III

12h30 - 14h30 Lunch/Posters

14h30 - 17h00 Symposium IV – New Targets for Nervous System Therapy
Sponsored by the Portuguese Biochemical Society (SPB)

14h30 SI17 - Juan P. Bolaños (University of Salamanca, SPAIN)
Bioenergetics and Antioxidant Coupling in the Nervous System

15h00 SI18 - Raquel Pinho (University Medical Center Göttingen, GERMANY)
Understanding the role of alpha-synuclein in the nucleus: a new concept in synucleinopathies

15h30 SI19 - Patrícia Maciel (ICVS, Braga, PORTUGAL)
Pharmacotherapy for Machado-Joseph disease: from worm to mouse to human?

16h00 SI20 - Ana I. Duarte (CNC, Coimbra, PORTUGAL)

Insulin/IGF-1/estrogen signalling protects against lipid oxidation and neurodegenerative events in type 2 diabetic female rat brain

16h30 SI21 - Teresa Summavielle (IBMC, Porto, PORTUGAL)

The role of acetyl-L-carnitine in the brain glucose uptake under methamphetamine

16h45 SI22 - Bruno M.D.C. Godinho (University College Cork, IRELAND)

A Nanotoxicological Appraisal of Non-viral vectors for RNA Interference in the CNS

17h00 - 18h00 Awards & Closing

Fire Session I

Neurogenesis and neural cell differentiation

FIA1 Araújo IM
FIA2 Xavier JM
FIA3 Morgado AL
FIA4 Barateiro A
FIA5 Xapelli S
FIA6 Domingues HS
FIA7 Falcão AS
FIA8 Patrício P
FIA9 Mateus-Pinheiro A
FIA10 Mendonça LS
FIA11 Ferreiro E
FIA12 Neto E

Cell signaling I

FIB1 Fernandes D
FIB2 Dias RB
FIB3 Monteiro FA
FIB4 Martins L
FIB5 Batalha VL
FIB6 Aguiar P
FIB7 Tomé A
FIB8 Correia-de-Sá P
FIB9 Martins J
FIB10 Rial D
FIB11 Covita J
FIB12 Pedro JR

Neurodegeneration and neuroprotection I

FIC1 Amaral JD
FIC2 Silva MF
FIC3 Anjo S
FIC4 Pousinha P
FIC5 d'Almeida OC
FIC6 Carvalho C
FIC7 Cardoso A
FIC8 Jerónimo-Santos A
FIC9 Lopes A
FIC10 Rodrigues RJ
FIC11 Plácido AI
FIC12 Naia L

Neural systems I

FIIA1 Simões AP
FIIA2 Soares-Cunha C
FIIA3 Ribeiro MJ
FIIA4 Lobo A
FIIA5 French CA
FIIA6 Lopes S
FIIA7 Machado NJ
FIIA8 Santos FJ
FIIA9 Borges S
FIIA10 Cardoso-Cruz H
FIIA11 Bernardino I
FIIA12 Ventura-Silva AP

Cell signaling II

FIIB1 Gonçalves FQ
FIIB2 Ferreira J
FIIB3 Oliveira JF
FIIB4 Aroeira RI
FIIB5 Beleza RO
FIIB6 Gonçalves S
FIIB7 Agostinho P
FIIB8 Silva M
FIIB9 Silva HB
FIIB10 Fernandes EF
FIIB11 Cunha RA
FIIB12 Ferreiro E

Neurodegeneration and neuroprotection II

FIIC1 Lemos C
FIIC2 Nunes A
FIIC3 Carmo RMS
FIIC4 Nóbrega C
FIIC5 Naffah-Mazzacoratti
FIIC6 Canas PM
FIIC7 Rego AC
FIIC8 Cardoso S
FIIC9 Martins T
FIIC10 Simões AT
FIIC11 Amorim RP
FIIC12 Perfeito R

Fire Session III

Neural systems II

FIIIA1 Gonçalves N
FIIIA2 Villegas EM
FIIIA3 Bessa C
FIIIA4 Duarte J
FIIIA5 Martins GJ
FIIIA6 Coimbra B
FIIIA7 Rodrigues AP
FIIIA8 Real JI
FIIIA9 Novais A
FIIIA10 da Silva JAH
FIIIA11 Simões M
FIIIA12 Pinto V

Neuroinflammation

FIIB1 Cristóvão G
FIIB2 Brites D
FIIB3 Monteiro S
FIIB4 Vaz AR
FIIB5 Mesquita SD
FIIB6 Saraiva T
FIIB7 Santiago AR
FIIB8 Gomes CV
FIIB9 Cunha C
FIIB10 Madeira MH
FIIB11 Tavares I
FIIB12 Miranda C

Neurodegeneration and neuroprotection III

FIIC1 Esteves M
FIIC2 Vieira M
FIIC3 Brudzewsky D
FIIC4 Morgado C
FIIC5 Silva DF
FIIC6 Ciaccioli G
FIIC7 Esteves AR
FIIC8 Gomes E
FIIC9 Ferreira DG
FIIC10 Fernandes J
FIIC11 Oliveira AM
FIIC12 Candeias E