

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	

Organizing committee

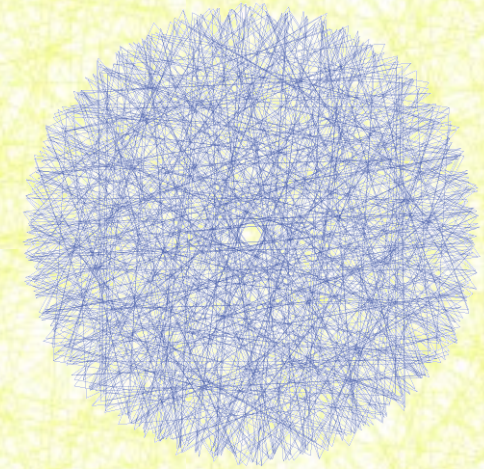
Ana Luísa Carvalho
Ana Paula Silva
Ana Raquel Santiago
António Francisco Ambrósio
Cláudia MF Pereira
Dan Brudzewsky
Elisabete Ferreiro
João Malva
Jorge Valero
Liliana Bernardino
Maria H. Madeira
Paula Moreira
Sandra M Cardoso

Scientific committee

Alexandre Castro Caldas (University of Lisbon)
Ana Cristina Rego (University of Coimbra)
Ana Sebastião (University of Lisbon)
Carlos Jorge Duarte (University of Coimbra)
Cecília Rodrigues (University of Lisbon)
Graça Baltazar (University of Beira Interior)
Inês Araújo (University of Algarve)
Isaura Tavares (University of Porto)
João Laranjinha (University of Coimbra)
João Relvas (University of Porto)
Luís Almeida (University of Coimbra)
Miguel Castelo-Branco (University of Coimbra)
Mónica Sousa (University of Porto)
Nuno Sousa (University of Minho)
Odete Cruz e Silva (University of Aveiro)
Patrícia Maciel (University of Minho)
Rodrigo Cunha (University of Coimbra)
Rui Costa (University of Lisbon)
Tiago Outeiro (University of Lisbon)

Advisory Board

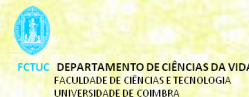
Alexandre Ribeiro (University of Lisbon)
António Freire (University of Coimbra)
Arsélio Pato de Carvalho (University of Coimbra)
Catarina Oliveira (University of Coimbra)
Deolinda Lima (University of Porto)
Domingos Henrique (University of Lisbon)
Isabel Santana (University of Coimbra)



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 SI1 - Juan P. Bolaños (University of Salamanca, SPAIN)
Bioenergetics and Antioxidant Coupling in the Nervous System

15h00 SI2 - Raquel Pinho (University Medical Center Göttingen, GERMANY)
Understanding the role of alpha-synuclein in the nucleus: a new concept in synucleinopathies

15h30 SI3 - Patrícia Maciel (ICVS, Braga, PORTUGAL)
Pharmacotherapy for Machado-Joseph disease: from worm to mouse to human?

16h00 SI4 - 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 SI5 - Teresa Summavielle (IBMC, Porto, PORTUGAL)
The role of acetyl-L-carnitine in the brain glucose uptake under methamphetamine

16h45 SI6 - 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 Ferreira 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 Ferreira 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