

**Poster Session 3: Thursday, 4th November, from 15:00 to 18:30, Exhibition Hall.**

PS3-01

Calcium channels in synapse elimination during neuromuscular junction development

Ms. Marta Balanyà Segura¹, Dr. Neus Garcia¹, Mr. Pablo Hernández¹, Dr. Maria A. Lanuza¹, Dr. Marta Tomàs¹, Mr. Víctor Cilleros-Mañé¹, Ms. Laia Just-Borràs¹, Ms. Maria Duran-Vigara¹, Ms. Aleksandra Polishchuk¹, Dr. Josep Tomàs¹

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PS3-02

Effects of shortening the habituation protocol on exercise capacity during adolescence of rats

Dr. Marta Martínez¹, Angel Toval¹, Yevheniy Kutsenko¹, Dr. Antonia Alonso¹, Daniel Garrigós¹, Alberto Barreda¹, Bruno Ribeiro Do Couto¹, Ferrán Jose Luis¹

¹Murcia University, Murcia, Spain

PS3-03

Development of Otp and Sim1 cells in the chicken extended amygdala

Mr. Alek Metwalli^{1,2}, Ms Alessandra Pross^{1,2}, Dr Ester Desfilis^{1,2}, Dr Antonio Abellán^{1,2}, Professor Loreta Medina^{1,2}

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PS3-04

Analysis of the activation dynamics of postnatal neural stem cells of the subventricular zone using in utero electroporation

Ms. Isabel Mateos-White¹, Mr. Jaime Fabra-Beser¹, Mr. David de Agustín-Durán¹, Dra. Isabel Fariñas¹, Dra. Cristina Gil-Sanz¹

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PS3-05

Conserved cell types in the early embryonic brain across vertebrates

Mr. Rodrigo Senovilla-Ganzo¹, Mrs. Eneritz Rueda-Alaña¹, Dr. Fernando García-Moreno^{1,2}

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PS3-06

Unravelling the Neural Cell Progeny of Single Subpallial Progenitor Cells

Ms. Rebeca Sánchez-González¹, Dr Laura López-Mascaraque¹

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PS3-07

Understanding the mechanisms involved in migration and circuit integration of thalamic interneurons

Ms. Irene Huerga-Gómez¹, Dr. Guillermina López-Bendito¹

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PS3-08

Differential expression levels of Sox9 in early neocortical radial glial cells regulate the decision between stem cell maintenance and differentiation.

Mr. Jaime Fabra-Beser¹, Dr. Jessica Alves Medeiros de Araujo^{2,3}, Dr. Diego Marques-Coelho^{3,4}, Dr. Loyal A Goff², Dr. Marcos R Costa^{3,5}, Dr. Ulrich Müller², Dr. Cristina Gil-Sanz¹

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PS3-09

Lineage Cell-Potential of Single Neural Progenitor Cells

Ana Cristina Ojalvo-Sanz^{1,2}, Rebeca Sánchez-González¹, Laura López-Mascaraque¹

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PS3-10

Microglia gradually acquire their mature phenotype in the developing hippocampus

Ms. Marta Pereira-Iglesias¹, Ms. Alice Louail¹, Ms. Sol Beccari¹, Dr. Jorge Valero³, Dr. Amanda Sierra^{1,2,4}

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PS3-11

The sound of sight: mapping crossmodal circuits of audio-visual connectivity in the mammalian brain.

Ms. Irene Varela Martínez¹, Dr. Linnea Weiss¹, Dr. Marta Nieto López¹

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PS3-12

TREK channels and their physiological role in the intracardiac neurons: focusing on temperature and intracellular acidification

Ms. Ana Campos-Ríos¹, Ms. Diana Rodrigues^{2,3}, Dr Lola Rueda-Ruzafa¹, Dr. Salvador Herrera-Pérez¹, Dra Patricia Monteiro^{2,3}, Dr J.A. Lamas¹

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PS3-13

Impaired striatal plasticity and dendritic spine remodeling in the premotor stage of an animal model of progressive parkinsonism

Dr. Leyre Merino-Galan^{1,2}, **Dr. Marta Zamarbide^{1,3}**, Arantazu Beloso-Iguerategui¹, Dr. Belén Gago⁴, Dr. Dani Dumitriu⁵, Dr. Ana Quiroga-Varela^{1,3,6}, Dr. María Cruz Rodríguez-Oroz^{1,3,7}

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PS3-14

NMDA RECEPTOR CONTENT OF EXCITATORY SYNAPSES IN THE CA1 REGION OF THE HIPPOCAMPUS IS REDUCED IN P301S MICE

Ms. Rocio Alfaro Ruiz¹, Ms. Carolina Aguado¹, Alejandro Martín-Belmonte¹, Félix Hernández², Ana Esther Moreno-Martínez¹, Jesús Avila², Yugo Fukazawa, Rafael Lujan¹

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PS3-15

REDUCTION IN THE DENSITY OF GROUP I MGLU5 RECEPTORS ALONG THE NEURONAL SURFACE OF HIPPOCAMPAL CELLS IN A MOUSE MODEL OF ALZHEIMER'S DISEASE

Ms. Ana Esther Moreno Martínez¹, Alejandro Martín-Belmonte¹, Carolina Aguado¹, Rocio Alfaro-Ruiz¹, Jose Luis Albasanz², Mairena Martín², Yugo Fukazawa³, Rafael Luján¹

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PS3-16

Trans-synaptic effects after inducing long-term potentiation in the hippocampal circuit**Ms. M. T. Romero-Barragan¹**, Prof. J. M. Delgado-Garcia¹, Prof. A. Gruart i Masso¹¹*Division of Neurosciences, Pablo de Olavide University, Sevilla, Spain*

PS3-17

Modulation of the presynaptic translome by astrocytic extracellular vesicles in Alzheimer's Disease**Aida de la Cruz^{1,2}**, María Gamarra^{1,2}, Jimena Baleriola^{1,2,3}¹*Achucarro Basque Center for Neuroscience, Leioa, Spain*, ²*University of the Basque Country (UPV/EHU), Leioa, Spain*,³*IKERBASQUE Basque Foundation for Science, Bilbao, Spain*

PS3-18

Contribution of astrocyte extracellular vesicles to local translation in neurons**María Gamarra^{1,2}**, Esperanza González³, Mikel Azkargorta³, Juan Manuel Falcón^{3,4}, Félix Elortza³, Jimena Baleriola^{1,2,4}¹*Achucarro Basque Center For Neuroscience, Leioa, Spain*, ²*Universidad del País Vasco, UPV/EHU, Leioa, Spain*,³*CICbioGUNE, Derio, Spain*, ⁴*IKERBASQUE, Bilbao, Spain*

PS3-19

Comparative effect of Glutamatergic Receptors Agonists N-Methyl-D-Aspartate and Kainate on Mouse Inner Retinal Cells**Mr. Mateo Pazo González^{1,2}**, Ms Celia Ferrández Alamillos¹, Mr Santiago Milla Navarro¹, Dr. Isabel Ortuño Lizarán³, Dr. Nicolás Cuenca Navarro³, Dr. Pedro de la Villa Polo¹¹*University of Alcalá, Alcalá de Henares, Spain*, ²*Centro de Investigaciones Biológicas Margarita Salas - CSIC, Madrid, Spain*,³*University of Alicante, Alicante, Spain*

PS3-20

M1 and M2 muscarinic receptors coordinately regulate the exocytotic proteins through PKC and PKA at the adult neuromuscular junction.**Mr. Victor Cilleros-Mañé¹**, Ms. Laia Just-Borràs¹, Ms. Aleksandra Polishchuk¹, Ms. Maria Durán¹, Ms. Marta Balanyà¹, Dr. Marta Tomàs¹, Dr. Neus Garcia¹, Prof. Josep Tomàs¹, Dr. Maria Angel Lanuza¹¹*Universitat Rovira i Virgili. Facultat de Medicina i Ciències de la Salut. Unitat d'Histologia i Neurobiologia (UHNEURO), Carrer Sant Llorenç 21. Reus (43201), Spain*



PS3-21

EFFECTS OF TRANSCRANIAL DIRECT-CURRENT STIMULATION (tDCS) ON THE FIELD POTENTIAL INDUCED BY PHOTOSTIMULATION OF GLUTAMATERGIC CELLS IN SOMATOSENSORY CORTEX

Ms. Marta Estévez-Rodríguez¹, Mr. Guillermo Sánchez-Garrido Campos¹, PhD Isabel Cordones¹, PhD Javier Márquez-Ruiz¹

¹Pablo De Olavide University, Sevilla, Spain

PS3-22

Effect of Sei and Fin whale Müller glia in the survival and neurite growth of RGCs in vitro.

Dr. Xandra Pereiro¹, Dr. Noelia Ruzafa¹, Msc. Sandra Beriain¹, Prof. Elena Vecino¹

¹University of Basque Country, Leioa, Spain

PS3-23

Chemogenetic stimulation of mature oligodendrocytes drives myelin-axon metabolic coupling and prevents axonal damage

PhD Student Ana Palma¹, Professor of Anatomy Alberto Pérez-Samartín¹, Full professor of Anatomy Carlos Matute¹, Dr. Maria Domercq¹

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PS3-24

Dopamine receptors in oligodendroglia

Dr. Carlos Luis Paño¹, Carolina Rincón^{1,2}, Manuel Marfil^{1,3}, Rocío Rojas^{1,3}, Dr. Jorge Pascual-Guerra¹

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PS3-25

Astrocytic Network Heterogeneity in the Nucleus Accumbens

Ms. Irene Serra¹, Mr. Julio Esparza¹, Ms. Cristina Martín-Monteagudo¹, Dr. Marta Navarrete¹

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PS3-26

MONITORING OF ABERRANT NEUROGENESIS IN HIPPOCAMPUS DURING IN VITRO EPILEPTOGENESIS

Ms. Ane Rodriguez¹, Dr. Juan Manuel Encinas^{1,2,3}, Dr. Jan Tonnesen^{1,2}



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PS3-27

RNA localisation and local translation in microglial peripheral processes

Maite Blanco^{1,2}, Josune Imaz¹, Jimena Baleriola^{1,2,3}

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PS3-28

Role of GABAA and AMPA receptors in the generation and propagation of epileptiform activity in the cingulate cortex of a mouse model of lissencephaly.

Dr. Abraham Andreu-Cervera¹, Ms. Paula Martín-Climent¹, Ms. Raquel Murcia-Ramón¹, Dr. Eduardo Domínguez-Sala¹, Dr. Diego Echevarría¹, Prof. Salvador Martínez¹, Prof. Emilio Geijo-Barrientos¹

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PS3-29

Expression of c-Fos in the vomeronasal amygdala and lateral entorhinal cortex of female mice induced by male pheromonal signals.

Ms. Anna Teruel-Sanchis^{1,2}, Mr. Manuel Esteban Vila-Martin^{1,2}, Mr. Esteban Merino¹, Ms. María Villafranca-Faus¹, Mr. Daniel Esteve¹, Mr. Sergio Martínez-Bellver¹, Ms. Ana Cervera-Ferri¹, Ms. Joana Martínez-Ricós¹, Ms. Ana Lloret¹, Mr. Vicent Teruel-Martí¹, Mr. Enrique Lanuza^{1,2}

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PS3-30

LACK OF AVERSIVE BEHAVIOR IN FEMALE MICE EXPOSED TO PREDATOR ODORS

Mr. Mario Orts Richart¹, Dr. Adoración HERNÁNDEZ-MARTÍNEZ¹, **Professor Enrique LANUZA**¹, Ms. Camila SAVARELLI¹

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PS3-31

The amygdalo-hippocampal pathway: the first step to the who component of the episodic memory

Ms. Maria Villafranca-Faus¹, Mr. Manuel Esteban Vila-Martin¹, Ms. Anna Teruel-Sanchis¹, Mr. Esteban Merino¹, Mr. Daniel Esteve^{1,2}, Ms. Alba Ramón-Lainez¹, Dr. Sergio Martínez-Bellver¹, Dra. Ana Cervera-Ferri¹, Dra. Joana Martínez-Ricós¹, Dra. Ana Lloret^{1,2}, Dr. Vicent Teruel-Martí¹, Dr. Enrique Lanuza¹

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PS3-32

Input-output relationships of the posterior intralaminar thalamic nuclei in the mouse

Mr. Enrique Gonzalo-Martín¹, Dr. María García-Amado¹, Dr. Francisco Clascá¹, Dr. Lucía Prensa¹

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PS3-33

Prefrontal-hippocampal circuit alterations and rescue in a mouse model of schizophrenia

Ms. Cristina Delgado-Sallent^{1,3}, Dr Thomas Gener¹, Mr Pau Nebot¹, Ms Amanda Blair Fath², Dr. Maria Victòria Puig¹

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PS3-34

Ultrastructural comparison of VPM thalamocortical synapses in primary and secondary somatosensory cortices

Pablo J Martín-Correa¹, Dr. Javier Rodríguez-Moreno¹, Dr. Astrid Rollenhagen², Dr. Joachim HR Lübke², Dr. Francisco Clasca¹

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PS3-35

SPATIAL PERIODIC FIRING IN THE SUBICULUM OF MICE

PhD Candidate Pablo Abad-Pérez^{1,2}, Dr Luís Martínez-Otero², Dr Victor Borrell², **Dr. Jorge R Brotons-mas^{1,2}**

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PS3-37

Involvement of the prefrontal cortex-limbic pathway in the development of food addiction

Mr. Pablo Calvé^{1,2}, Mr. Thomas Gener², Mr. Pau Nebot², Mr. Sami Kummer¹, Mrs. Elena Martín^{1,2}, Mrs. M^a Victoria Puig², Mr. Rafael Maldonado^{1,2}

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PS3-38

Neural mechanisms of serial dependence across visual hemifields and bilateral prefrontal cortex

Ms. Melanie Tschiersch¹, Dr. João Barbosa², Mr. Akash Umakantha³, Prof. Matthew A. Smith³, Dr. Albert Compte¹

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PS3-39

Neuronal activity reflecting sensory and behavioural variables in the mouse somatosensory and posterior parietal cortex

Prof. Miguel Maravall¹, Dr. Malamati Bitzidou^{1,2}, Dr. Michael Bale^{1,3}, Dr. Elena Giusto^{1,4}, Mr. Paul Kinghorn¹

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PS3-40

Neural probes for multimodal interrogation of brain lamination

Dr. María Teresa Jurado Parras¹, Dr. Elena Cid, Dr. Filippo Pisano², Dr. Maria Samuela Andriani², Dr. Antonio Balena², Dr. Marco Pisanello², Dr. Massimo De Vittorio^{2,3}, Dr. Ferruccio Pisanello², Dr. Liset M de la Prida¹

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PS3-41

Cognitive effects of physical exercise are inherited by the second generation

Ms. Patricia Tezanos¹, Ms. Manuela de las Casas², Dra. Kerry McGreevy¹, Dra. Ángela Fontán-Lozano³, Dr. José Luis Trejo¹

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PS3-42

A scalable and physical approach to the study of spatial navigation and its components

Mr. Pablo Muela¹, Ms. Patricia Tezanos¹, Ms. Elisa Cintado¹, Dr. José Luis Trejo¹

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PS3-43

A study of the pain pathways in the context of fear memories

Ms. Patricia Tezanos¹, Ms. Elisa Cintado¹, Mr Pablo Muela¹, Dr. José Luis Trejo¹

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PS3-44

Physiology of hormetic effects of exercise on cognitive enhancement: miRNA and microbiota involvement

Ms. Elisa Cintado¹, Ms. Patricia Tezanos¹, Mr. Pablo Muela¹, Ms. Marta Montero¹, Dr. José Luis Trejo¹
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PS3-45

Conditional deletion of the Cntnap2 gene in mice: a phenotypic study

Ms. Teresa Sierra-Arregui¹, Ander Txurruka-Bengoa¹, Marta Fernández¹, Javier Llorente¹, Olga Peñagarikano^{1,2}
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PS3-46

Cerebellar Interpositus Nucleus Activities Underlying Classical Eyeblink Conditioning in Rabbits

Dra. Gloria G Parras¹, Dr. Jose María Delgado-García¹, Dra. Agnés Gruart¹, Dra. Rocío Leal-Campanario¹
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PS3-47

Characteristics of the spontaneous blinking depending on the attentional conditions and the sensory nerve activity from the ocular surface

Mr. Miguel Delicado Miralles¹, Mr. Enrique Velasco^{1,2}, Dr. Ariadna Diaz Tahoces^{1,3}, Dr. María del Carmen Acosta Boj^{1,2}, Dr. Juana Gallar^{1,2,3}
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PS3-48

Sensory independent history choice biases in auditory categorization tasks in rats

Dr. Daniel Duque¹, Dr. Jaime de la Rocha¹
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PS3-49

Coaching and Human Brain Creativity Mechanisms

Mr. Gorka Bartolomé Anguita¹, Dr. Cristina Torrelles Nadal¹, Dr. Eduardo Blanco Calvo²
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PS3-50

MicroRNAs signatures for vulnerability to food addiction.

Alejandra García-Blanco¹, Laura Domingo-Rodríguez¹, Judit Cabana-Domínguez^{2,3,4,5}, Noèlia Fernández-Castillo^{2,3,4,5}, Laura Pineda-Cirera^{2,3,4,5}, Bru Cormand^{2,3,4,5}, Elena Martín-García¹, Rafael Maldonado^{1,6}

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PS3-51

EXPLORING NETWORK CODING STRATEGIES THAT COULD BE ESSENTIAL FOR THE PROPER EXECUTION OF BEHAVIORAL SEQUENCES DURING AN OPERANT CONDITIONING TASK

Dr. Raudel Sánchez-campusano^{1,2}, Dr. José María Delgado-García¹, Dr. Iván Fernández-Lamo¹, Dr. Steven L. Bressler², Dr. Agnès Gruart¹

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PS3-52

The steroid sulfatase inhibitor STX64 improves age-associated cognitive deficiencies

Mr. Juan Antonio Fernández Cabrera¹, Dr. Ángel Manuel Carrión Rodríguez¹

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PS3-53

One-shot learning in recurrent networks using behavioral time-scale plasticity

Mr. Pan Ye¹, Mr. Alex Roxin¹

¹Centre De Recerca Matemàtica, Barcelona, Spain

PS3-54

META-ANALYSIS ON NEURAL DATA: A COMPARISON BETWEEN DIFFERENT APPROACHES TO SPIKE-SORTING ON CLAUSTRUM MULTI-UNITARY ACTIVITY

Mr. Enrique Pérez-Martínez¹, Dr. María del Mar Reus-García¹, Professor José María Delgado-García¹, Dr. Raudel Sánchez-Campusano¹

¹Division of Neurosciences, Universidad Pablo de Olavide, 41013-Seville, Spain



PS3-55

Specialized prefrontal circuits explain population dynamics during working memory encoding and maintenance

Mr. Nicolás Pollán¹, Dr Bijan Pesaran³, Dr Albert Compte², Dr Klaus Wimmer¹

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PS3-56

Synaptic extension of the bump attractor model predicts target-distractor onset asynchrony effects

Mr. David Bestue¹, Dr. Rita Almeida², Dr. Torkel Klingberg³, Dr. Jacqueline Gottlieb⁴, Dr. Albert Compte¹

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PS3-57

STUDY OF BONE MARROW-DERIVED MICROGLIAL CELLS IN A MODEL OF SELECTIVE NEURODEGENERATION

Mr. David Pérez-Boyeró^{1,2,3}, Laura Pérez-Revuelta^{1,2,3}, Dra. Ana de la Mata Sampedro^{4,5}, Dr. Jesús María García Briñón^{1,2,3}, Dr. David Díaz López^{1,2,3}, Dr. Eduardo Weruaga Prieto^{1,2,3}

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PS3-58

The loss of starburst amacrine cells and their synaptic contacts with dopaminergic amacrine cells may explain the visual motion perception disturbance in Parkinson's disease.

Mr. Xavier Sánchez Sáez¹, Dr. Isabel Ortuño-Lizarán¹, Dr. Pedro Lax¹, Dr. Nicolás Cuenca¹

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PS3-59

CONTRIBUTION OF THE PRIMARY SOMATOSENSORY CORTEX TO REFLEX BLINK IN NAÏVE AND TEAR-DEFICIENT RATS

Mr. Vicente Miralles Liborio¹, Mr. Sergio Botella Esteve¹, Mr. Enrique Velasco Serna^{1,2}, Mr. Miguel Delicado Miralles¹, Dr. Maria del Carmen Acosta^{1,2}, Dr. Juana Gallar^{1,2,3}, Dr. Juan Aguilar⁴

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PS3-60

MATERNAL SEPARATION DECREASES THE EXPRESSION OF DOUBLECORTIN IN THE OLFACTORY SYSTEM OF BOTH MEPC2-HETEROZYGOUS FEMALE MICE AND THEIR HEALTHY CONTROLS**Ms. Elena Martínez¹**, Dr. Anabel Forte¹, Dr. Enrique Lanuza¹, Dr. Monica Santos², Dr. Carmen Agustín¹¹University Of Valencia, Valencia, Spain, ²Center for Neuroscience and Cell Biology, University of Coimbra, Coimbra, Portugal

PS3-61

Acute cocaine enhances dopamine D2R recognition and signalling and counteracts D2R internalization in Sigma1R-D2R heteroreceptor complexesDr. Dasiel Oscar Borroto-escuela^{1,2}, **Dr. Manuel Narváez²**, Dr. Wilber Romero-Fernández³, Mr. Luca Pinton¹, Dr. Sarah Beggiano⁴, Dr. Luca Ferraro⁴, Mr. Ramon Fores-Pons², Mr. Mariana Pita-Rodríguez², Mr. Alexander Lopez-Salas¹, Dr. Malgorzata Filip⁵, Dr. Kjell Fuxe¹¹Department of Neuroscience. Karolinska Institutet., Stockholm, Sweden, ²Instituto de Investigación Biomédica de Málaga. Universidad de Malaga, Malaga, Spain, ³Department of Cell and Molecular Biology, Uppsala University, Uppsala, Sweden, ⁴Department of Life Sciences and Biotechnology (SVEB), University of Ferrara, Ferrara, Italy, ⁵Institute of Pharmacology, Polish Academy of Sciences, Krakow, Poland

PS3-62

Dysregulation of the autophagic-lysosomal pathway in Parkinson's disease associated to GBADr Alba Navarro-Romero¹, **Marta Montpeyo¹**, Irene Fernandez-Gonzalez¹, Jordi Riera¹, Dr David Montpeyo², Eddie Pradas^{1,2}, Dr Fernando Novio³, Dr Julia Lorenzo², Dr Marta Martinez-Vicente¹¹Institut De Recerca De La Vall D'hebron (VHIR), Barcelona, Spain, ²Institut de Biotecnologia i de Biomedicina (IBB), Autonomous University of Barcelona, Bellaterra, Spain, ³Catalan Institute of Nanoscience and Nanotechnology (ICN2)-CSIC, Barcelona, Spain

PS3-63

P53 DEPLETION PROMOTES NEOVASCULARIZATION AND BRAIN REPAIR AFTER INTRACEREBRAL HEMORRHAGE**Dr. Cristina Rodríguez^{1,2}**, Mónica Carabias-Carrasco^{1,2}, Mónica Resch-Beusher^{1,2}, Estefanía Prieto², Dr. Angeles Almeida^{1,2}¹Institute of Biomedical Research of Salamanca (IBSAL), University Hospital of Salamanca, University of Salamanca, CSIC, Salamanca, Spain, ²Institute of Functional Biology and Genomics (IBFG), University of Salamanca-CSIC, Salamanca, Spain



PS3-64

Morphometric Cluster Analyses of Sibling NG2-Cells in Response to Multiple Sclerosis Lesion Models

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PS3-65

Impact of white adipose tissue in AD pathology

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PS3-66

The role of the striatopallidal indirect pathway in the generation of L-DOPA induced dyskinesias

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PS3-67

Dopamine D4R restores morphine-induced impairment of adult neurogenesis in the subventricular zone

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PS3-68

Role of dopamine D4 receptor in the development of morphine-induced analgesic tolerance

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PS3-69

Oligodendrocyte maturation and myelination: Implications of deficient thyroid hormone transport to the brain.

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PS3-70

Faim knockout leads to gliosis and late-onset neurodegeneration of photoreceptors in the mouse retina

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PS3-71

Effect of macrophages on neurosphere formation and neuronal differentiation of neural stem cells

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PS3-72

Bile acids reduce glycolysis in proinflammatory macrophages

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PS3-73

The effect of bone marrow derived- mesenchymal stem cells on a novel in vitro model of X-linked adrenoleukodystrophy

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PS3-74

GABAB-receptor activation partially restores network dysfunction associated with NMDA-receptor hypofunction



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PS3-75

Deciphering the molecular mechanism of Plk1 control of adult neural stem cell activation, self-renewal and differentiation

Coral López-Fonseca^{1,2}, Ana Laura Barrios-Muñoz^{1,2}, José Manuel Morante-Redolat³, Isabel Fariñas³, Marcos Malumbres⁴, Francisco Zafra^{1,2}, Eva Porlan^{1,2}

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PS3-76

New experimental models for the study of Friedreich's Ataxia

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PS3-77

Tauroursodeoxycholic acid supports early functional recovery of rats with spinal cord injury but does not improve effects of transplanted bone marrow-derived stromal cells

Ms Siyu Wu^{1,2}, Dr. Lorenzo Romero Ramírez¹, Mr Johannes de Munther³, Mr Erik Ch. Wolters³, Prof. Boris W. Kramer², **Prof. Jörg Mey^{1,2}**

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PS3-78

NEUROPROTECTIVE EFFECT OF REMOTE ISCHEMIC PERCONDITIONING AND POSTCONDITIONING IN A PRECLINICAL MOUSE MODEL OF ACUTE ISCHEMIC STROKE

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PS3-79

ROLE OF THE IMPRINTED GENE CDKN1C IN THE DIFFERENTIATION PROCESS OF NEURAL STEM CELLS

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PS3-80

An in vivo reprogramming model to study glioblastoma formation

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PS3-81

Comparing astroglial reactivity in two transgenic mouse models of tauopathy

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PS3-82

COMBINED CELL AND GENE THERAPIES STOP MITRAL CELL DEATH IN PCD MICE

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PS3-83

WHY THE LOBULE X OF THE CEREBELLUM RESISTS THE NEURODEGENERATION OF THE PCD MOUSE?

Carlos Hernández-Pérez^{1,2,3}, Valeria Lorena Cabedo Navarro^{1,2,3}, Dr. Jesús García Briñón^{1,2,3}, Dr. Eduardo Weruaga Prieto^{1,2,3}, **Dr. David Díaz López^{1,2,3}**

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PS3-84

Natural IgMs that bind to the neo-epitopes present in corpora amylacea of the human brain recognize carbohydrate structures

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PS3-85

Neo-epitopes from corpora amylacea in the human brain do not have a peptidic nature

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PS3-86

INSULIN-LIKE GROWTH FACTOR I COUPLES METABOLISM WITH CIRCADIAN ACTIVITY THROUGH HYPOTHALAMIC OREXIN NEURONS

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PS3-87

DESIGN AND IMPLEMENTATION OF A METHOD TO STUDY LARYNGEAL RESISTANCE DURING THE STIMULATION OF CUNEIFORM NUCLEUS (CnF) IN SPONTANEOUSLY BREATHING ANAESTHETIZED RATS

Ms. Marta Gonzalez-Garcia^{1,2,3}, Mr. Manuel Victor Lopez-Gonzalez^{1,2,3}, Ms. Laura Carrillo-Franco¹, Ms. Amelia Diaz-Casares^{1,2,3}, Dr. Marc Stefan Dawid-Milner^{1,2,3}

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PS3-88

Imaging of synapses in 3D with non-destructive synchrotron X-ray ptychography

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PS3-89

Obtention and characterization of exosomes for non-invasive epilepsy monitoring

Laura Zeballos Fernández^{1,2}, Mario García Hernández¹, Dr. David Sánchez Benito^{1,2}, Jaime Gonçalves Sánchez², Dra. María Dolores Calabria Gallego², Dr. Ricardo Gómez Nieto^{1,2}, Dra. M^a Dolores E. López García^{1,2}

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PS3-90

GENE THERAPY WITH VMAT2 REDUCES AGE-DEPENDENT NEUROMELANIN ACCUMULATION AND PREVENTS PARKINSON'S DISEASE PHENOTYPE IN NEUROMELANIN-PRODUCING RATS

Mr. Joan Compte Barrón¹, Dr. Marta González-Sepúlveda¹, Mrs. Alba Nicolau Vera¹, Dr. Thais Cuadros Arasa¹, Mr. Jordi Giménez-Romero¹, Mrs. Annabelle Parent¹, Dr. Ariadna Laguna Tuset¹, Dr. Miquel Vila Bover^{1,2,3}

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PS3-91

Age-related changes in the neuromuscular junction and skeletal muscle of C57BL/6J mice

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PS3-92

Developmental neurotoxicity effects of nanoplastics in zebrafish embryo and human neural stem cell models



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PS3-93

Brief assessment of social cognition in "ataxia da Costa da Morte"

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PS3-94

Aging effects on emotional regulation are supported by differential neural networks as predicted by machine learning paradigms

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PS5-71

Functional and morphological study of transient ischemia-reperfusion in adult pigmented mice

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