IV-Scientific Conference
“Institut de Neurociències”, 2014 Meeting
*Integrative Neurobiology*

**Definitive Program**

9:30 - 10:30  
Welcome speech: Dr. José Aguilera Ávila - INc Director

**Symposium 1 on Neuronal Plasticity & Neuroimmunology**  
*Chairman: Dr. Vicente Martínez*

9:30-9:45  
S1.O1. NEURITE-J: AN IMAGE-J PLUGIN FOR AXONAL GROWTH ANALYSIS IN ORGANOTYPIC CULTURES  
ABEL TORRES ESPÍN

9:45-10:00  
S1.O2. NEURONAL PLASTICITY OF LUMBOSACRAL DRG IN A MODEL OF POST-INFECCIOUS GUT DYSFUNCTION IN RATS  
FERRAN JARDÍ

10:00-10:15  
S1.O3. CHANGES IN MICROGLIAL ACTIVATION CORRELATE WITH INCREASED NEURONAL SURVIVAL AND LYMPHO CYTE INFILTRATION AFTER FACIAL NERVE AXOTOMY IN ASTROCYTE-TARGETED IL10 TRANSGENIC MICE  
NADIA VILLACAMPA

10:30 - 11:00  
Coffee break & Poster session

11:00 - 12:00  
Plenary Lecture:  
*"Linking the Functional and Structural Human Connectome"*  
Dr. Gustavo Deco - Universitat Pompeu Fabra  
*Introduced by Dra. Elena Galea*

12:00 – 12:30  
Conference/Presentation:  
“Institut de Neurociències” - 10th Anniversary  
Dr. José Rodríguez Álvarez

12:30 - 15:00  
Lunch break & Poster session
15:00 - 15:30  Presentation: **Project “CORE de Salut Mental”**  
Margarita Navia  
*Introduced by Dra. Roser Nadal*

15:30 - 16:30  **Symposium 2 on Neurodegeneration & Signalling**  
*Chairman: Dr. Carles Saura*

15:30-15:45- **S2.O1.** DFF40/CAD ENDONUCLEASE IS DISPENSABLE FOR CHROMATIN DISASSEMBLY DURING CASPASE-DEPENDENT CELL DEATH IN HUMAN-DERIVED GLIOBLASTOMA MULTIFORME LN-18 CELLS - **MARÍA SANCHEZ OSUNA**

15:45-16:00- **S2.O2.** Neuro-degeneration - INVOLVEMENT OF SSAO/VAP-1 IN OXYGEN-GLUCOSE DEPRIVATION-MEDIATED DAMAGE USING THE ENDOTHELIAL HSSAO/VAP-1 EXPRESSING CELLS AS EXPERIMENTAL MODEL OF CEREBRAL ISCHEMIA - **PING SUN**

16:00-16:15- **S2.O3.** Signalling in the central nervous system - DISRUPTION OF THE PDK1 PIF-POCKET DOCKING SITE AFFECTS NEURONAL DIFFERENTIATION RESULTING IN ABNORMAL CORTICAL LAYERING - **LLUÍS CORDÓN BARRIS**

16:30 - 17:00  Coffee break & Poster session

17:00 - 18:00  **Symposium 3 on Cognition & Mental Disorders**  
*Chairman: Dra. Lydia Giménez*

17:00-17:15- **S3.O1.** THE ROMAN RAT STRAINS: APPROACHES TO A NEW GENETIC MODEL OF COGNITIVE AND ATTENTIONAL SYMPTOMS IN SCHIZOPHRENIA - **CRISTOBAL DEL RÍO**

17:15-17:30- **S3.O2.** ¿TIENE BENEFICIOS EL ESTRÉS EN ETAPAS TEMPRANAS? - **SILVIA FUENTES**

17:30-17:45- **S3.O3.** IMPAIRMENT OF NESTING BEHAVIOUR IN 3XTG-AD MICE - **VIRGINIA TORRES**
17:45-18:00- S3.04. AGONIST AND ANTAGONIST EFFECTS OF THE ANTIPSYCHOTIC ARIPIPRAZOLE ON D2-LIKE RECEPTORS CONTROLLING RAT BRAIN DOPAMINE SYNTHESIS DEPEND ON THE DOPAMINERGIC TONE. GUOFEN MA

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