

## V INc Scientific Conferences 2016

Institut de Neurociències  
Universitat Autònoma de Barcelona

Date: 12th & 13th May, 2016

Place: *Sala de Graus*, Faculty of Medicine, UAB

### THURSDAY 12th MAY 2016

08:30 - 08:40      Opening remarks

#### **Session 1**      ***Institut de Neurociències. Research Groups Brief Presentations***

Chairman:      Raül Andero  
*Institut de Neurociències*

09:00 - 09:15      Antonio Armario  
Neurobiology of Stress and Addiction Group

09:15 - 09:30      José Ramón Bayascas  
Cell Signalling Mechanisms in Health and Metabolic, Mental and  
Cancer Diseases

09:30 - 09:45      Miguel Chillón  
Research Group for Demyelinating Autoimmune Diseases

09:45 - 10:00      Alberto Fernández  
Animal and Human Models in Mental Disorders Group

10:00 - 10:15      Jesús Giraldo  
Molecular Neuropharmacology and Bioinformatics

10:15 - 11:00      *Coffee Break - Posters*

#### **Session 2 -**      ***Institut de Neurociències. Research Groups Brief Presentations***

Chairman:      Victor Yuste  
*Institut de Neurociències & Department of Biochemistry and  
Molecular Biology*

11:00 - 11:15	Margarita Martí Memory Potentiation and Recovery in Normal and Damaged Brain
11:15 - 11:30	Xavier Navarro Neuroplasticity and Regeneration Group
11:30 - 11:45	José Rodríguez Álvarez Biomedical Research Group in Neurodegeneration
12:00 - 12:15	<b>Official presentation of the <i>Institut de Neurociències</i> Scientific Conferences</b>
12:15 - 13:00	<b>Special Conference - Núria Sebastián, UPF, Barcelona</b> Language learning through the eye: how bilingual infants adapt to language learning
13:00 - 15:00	<i>Lunch time - Posters</i>
15:00 - 15:45	<b>Special Conference - Ramon Trullàs, IIBB-CSIC &amp; CIBERNED, Barcelona</b> Mitochondrial DNA and neurodegeneration
<b><u>Session 3</u> -</b>	<b>2nd year reports from PhD students</b> <b>Mechanisms underlying Alzheimer's disease and other dementias</b>
Chairman:	Alfredo Miñano <i>Institut de Neurociències &amp; CIBERNED</i>
15:45 - 16:00	M <sup>a</sup> Isabel Calleja - TNF $\alpha$ antagonistas de receptores de muerte celular (FAIM-L): relevancia en Alzheimer
16:00 - 16:15	Joan Visa - Potenciación de la memoria en modelos animales de déficit cognitivo
16:15 - 16:30	Raquel Larramona - Caracterización molecular y funcional de los astrocitos en el Alzheimer
16:30 - 16:45	Ana Gámez - Identificación de marcas biológicas específicas a partir de muestras de plasma para el diagnóstico diferencial de la demencia con cuerpos de Lewy

FRIDAY 13th MAY 2016

**Session 4 -**      **2nd year reports from PhD students**  
**Molecular and cellular mechanisms in neuroprotection**

- Chairman:                      Elisenda Sanz  
   *Institut de Neurociències & Department of Cell Biology, Physiology  
   and Immunology*
- 09:00 - 09:15                  Albert Torra - Targeted delivery of neuroprotective molecules aimed  
   to compensate lysosomal and mitochondrial membrane  
   permeabilization in a Parkinson disease model.
- 09:15 - 09:30                  Anna Martínez - Contribution of inflammation in amyotrophic lateral  
   sclerosis
- 09:30 - 09:45                  David Romeo - Potenciació del mecanismes endògens de  
   neuroprotecció i reparació després de dany agut al sistema nerviós
- 09:45 - 10:00                  Arantxa Golbano - Els astròcits com diana terapèutica en malalties  
   neurodegeneratives
- 10:00 - 10:15                  Míriam Javier - Paper del receptor d'efrina EphA3 en neurones en  
   models de neurodegeneració
- 10:15 - 10:30                  Anna Sánchez - Association of schizophrenia -relevant symptoms in  
   rats and 5-HT<sub>2A</sub>/mGlu<sub>2</sub> receptor-linked downstream pathways
- 10:30 - 11:00                  *Coffee Break - Posters*

**Session 5 -**      **2nd year reports from PhD students**  
**Translational research in neurological disease**

- Chairman:                      Miquel Vila  
   VHIR & CIBERNED
- 11:00 - 11:15                  Laura Cervera - Anàlisi de la regió genòmica 17q21.31 i la seva  
   implicació en les sinucleinopaties i altres malalties  
   neurodegeneratives
- 11:15 - 11:30                  Eudald Balagué - Teràpia gènica en l'atàxia de Friederich basada en  
   virus adenoassociats (AVV)
- 11:30 - 11:45                  Sofía Fernández – Therapeutic impact of ApoJ/Clu-coupled  
   liposomes on Alzheimer's disease experimental models

**12:00 - 12:45**

**Special Conference - Miquel Vila, VHIR & CIBERNED, Barcelona**  
**Role of alpha-synuclein in Parkinson disease**

**12:45 -13:00**

**Closing Remarks**

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