

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	Official presentation of the <i>Institut de Neurociències</i> Scientific Conferences
12:15 - 13:00	Special Conference - Núria Sebastián, UPF, Barcelona 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	Special Conference - Ramon Trullàs, IIBB-CSIC & CIBERNED, Barcelona Mitochondrial DNA and neurodegeneration
<u>Session 3</u> -	2nd year reports from PhD students Mechanisms underlying Alzheimer's disease and other dementias
Chairman:	Alfredo Miñano <i>Institut de Neurociències & CIBERNED</i>
15:45 - 16:00	M ^a Isabel Calleja - TNF α 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-HT2A/mGlu2 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 - Marcadores radiològics y biològics de disfunción cerebrovascular en la Angiopatia Amiloide Cerebral

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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