

December 2nd

10:00-10:15: Opening Remarks

1. Session Biomarkers in neurodegenerative disease

10:15-11:00: Novel fluid biomarkers in Alzheimer's disease

Albert Lleó

University of Barcelona

11:00-11:30: Coffee break

11:30-12:15: Non-productive angiogenesis in Alzheimer's disease: a tale of three friends

Alberto Pascual

Instituto de Biomedicina de Sevilla (IBiS)

12:15-13:00: Roundtable **Clinical and fundamental research integration**

13:00 -14:00 Lunch break

2. Session Emerging pathomechanisms

14:00-14:45 Innate immunity cause or consequence of neurodegeneration?

Michael T. Heneka

University of Bonn

14:45-15:30 Neurogenetic Signatures of Neurodegeneration Across Brain Networks

Jorge Sepulcre

Harvard Medical School

15:30-16:00 Coffee break

16:00-16:45 T cell immunity in the pathophysiology of Alzheimer's disease and Tauopathies

Guillaume Dorothée

INSERM UMRS 938, University of Paris

December 3rd

3. Session Risk factors: glia and vascular implications

10:00-10:45 Mechanisms of neurodegeneration from phenotype to molecular diagnosis

Merce Boada

Fundacio ACE

10:45-11:30 Reactive astrocytes in Alzheimer's disease pathogenesis

Antonia Gutierrez

University of Malaga

11:30-12:00 Coffee break

12:00-12:45 CSF proteomics strategies to uncover disease mechanisms in dementias

Charlotte Theunissen

University of Amsterdam

12:45-13:30 Roundtable **Advice and perspectives for students and young scientists pursuing a scientific career**

13:30 -15:00 Lunch break

15:00-16:00 Plenary Lecture/ Uncovering the role of Alzheimer's disease risk genes using stem cells and human brains

Li-Huei Tsai

Massachusetts Institute of Technology (USA)

16:00-16:30 Final conclusions

At this time, there is no cure for any neurodegenerative disease. Most treatments are limited in effect and mainly address the symptoms rather than the cause or the progressive course. The lack of any effective treatment stems from a scarcity of novel drug targets and a poor understanding of diseases biology. In addition, a successful treatment at late stages, when the integrity of the nervous tissue is highly compromised, is very unlikely.

The goal of this meeting (with the collaboration of CIBERNED, ISCIII) would be to bring together international and national leading scientists to present the most recent advances in the field. The community of basic and translational scientists will provide an ideal opportunity to debate about how the achievements in this area can lead to design new therapeutic approaches for these pathologies.

Lugar de celebración:

Instituto de Biomedicina
de Sevilla (IBiS)
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UIMP
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Modalidad semipresencial

Tarifa del curso 1: 115 € Modalidad presencial

Tarifa del curso 2: 115 € menos 50% descuento. Modalidad on-line

*Los alumnos que acrediten estar matriculados en estudios conducentes a la obtención de un título de Grado o Doctor en una universidad española, tendrán un **20% de descuento en el precio de la matrícula**

Tasa apertura expediente académico 20 €

Esta tasa se aplicará a los alumnos al momento de la formalización de la matrícula

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Menéndez Pelayo

VI UIMP-IBIS SCHOOL OF BIOMEDICINE MECHANISMS OF NEURODEGENERATION: from genes to neural networks

Seville, December 2nd and 3rd, 2021

Directores:

Javier Vitorica Ferrández
IBiS, University of Seville
Michael Heneka
University of Bonn

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Colabora



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