

virtual event



International Congress on Research and Innovation in Neurodegenerative Diseases (Ciiien)

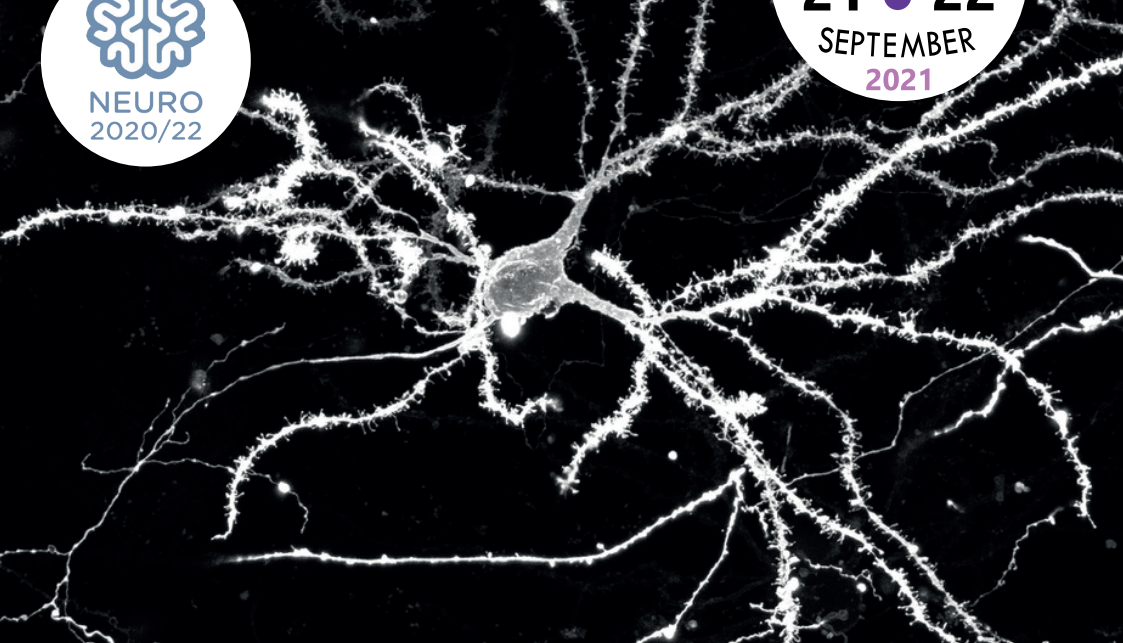
XVI *International Symposium: Advances in Alzheimer's Disease*

XV *CIBERNED Scientific Forum*



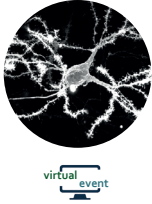
NEURO
2020/22

21 ● 22
SEPTEMBER
2021



MINISTERIO
DE CIENCIA
E INNOVACIÓN





09:15

WELCOME

Pascual Sánchez Juan
Director Científico de la Fundación CIEN
Adolfo López de Munaín
Director Científico de CIBERNED

09:30 - 11:00

SCIENTIFIC SESSION I

- Jordi Pérez Tur
CIBERNED-Institut de Biomedicina de València-CSIC
«A genetic look into the dementia process»
- M^a Jesús Bullido
CIBERNED-Centro de Biología Molecular “Severo Ochoa” (CSIC-UAM). Madrid
«Lysosome and cholesterol alterations induced by HSV-1 and Alzheimer’s disease: Mechanisms and biomarkers»
- Javier Sáez Valero
CIBERNED-Instituto de Neurociencias de Alicante (CSIC-UMH)
«Revisiting apolipoprotein E in Alzheimer’s Disease: when more is less»

11:00 - 11:20

BREAK & POSTERS

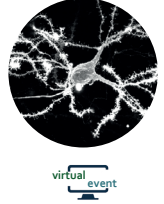
11:30 – 12:00

OFFICIAL OPENING

With the Presidency of Her Majesty the Queen Sofía

Introduction:

Cristóbal Belda Iniesta
Director General del Instituto de Salud Carlos III
Concepción Dancausa Treviño
Consejera de Familia, Juventud y Política Social de la Comunidad de Madrid
Raquel Yotti
Secretaria General de Investigación del Ministerio de Ciencia e Innovación
Silvia Calzón
Secretaria de Estado de Sanidad



SCIENTIFIC PROGRAM

12:00 - 13:00

SCIENTIFIC SESSION II

- Alberto Lleó
CIBERNED-Hospital de la Santa Creu i Sant Pau, Barcelona
«Novel Fluid Biomarkers in Alzheimer's disease»
- José A. Obeso
CIBERNED-HM-CINAC, Madrid
«Moving towards stopping Parkinson's disease»

13:00 - 13:30

MEETING WITH THE RESEARCHERS

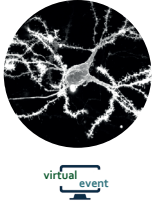
13:30 - 14:15

LUNCH BREAK & POSTERS

14:15 - 16:15

SCIENTIFIC SESSION III

- Carmen Paradás
CIBERNED-Instituto de Biomedicina de Sevilla (IBIS- FISEVI)
«LGMD-R21: A muscle disease to investigate the satellite cell homeostasis and animal models for cell therapy»
- María Llorens
CIBERNED-Centro de Biología Molecular "Severo Ochoa" (CSIC-UAM), Madrid
«Adult hippocampal neurogenesis and neurodegenerative diseases»
- Carlos Vicario
CIBERNED-Instituto Cajal-CSIC, Madrid
«The impact of genetic risk factors on iPSC-derived neurons and astrocytes from Parkinson's and Alzheimer's disease patients»
- Antonia Gutiérrez
CIBERNED-Universidad de Málaga
«Deciphering the complexity of glial responses in Alzheimer's disease»



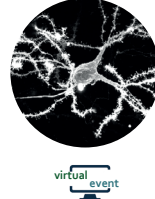
16:15 – 16:30

BREAK

16:30 – 18:30

SCIENTIFIC SESSION IV

- **Carlos Matute**
CIBERNED-Achucarro Basque Center for Neuroscience-UPV. Vizcaya
«Alterations of glial cells in neurodegenerative disorders»
- **Estela Area-Gómez**
Columbia University. New York
«Dangerous liaisons between ER and mitochondria in neurodegenerative disorders»
- **José Ramón Naranjo**
CIBERNED-Centro Nacional de Biotecnología-CSIC. Madrid
«DREAM and REST interact to regulate neuroprotection»
- **Xavier Navarro**
CIBERNED-Universitat Autònoma de Barcelona
«Gene therapy targeting neuregulins for amyotrophic lateral sclerosis and motoneuron degeneration»



SCIENTIFIC PROGRAM

09:30 - 11:00

SCIENTIFIC SESSION V

- Valentín Ceña
CIBERNED-Universidad de Castilla-La Mancha. Albacete
«Neuroprotection from excitotoxic death by neutral phosphodendrimers»
- Ana Pérez Castillo
CIBERNED-Instituto de Investigaciones Biomédicas (CSIC-UAM). Madrid
«Neurogenic effects of different compounds found in the hallucinogenic tea ayahuasca»
- Manuel Rodríguez
CIBERNED-Universidad de La Laguna. Tenerife
«Neuroglial transmiophagy in Parkinson's disease»

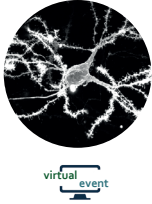
11:00 - 11:30

BREAK

11:30 - 12:15

SCIENTIFIC SESSION VI

- Ignacio Illán-Gala (Young Clinical Investigator Award)
CIBERNED-Hospital de la Santa Creu i Sant Pau. Barcelona
«Cortical microstructure and microstructural architecture in FTLD: looking beyond atrophy»
- Germán Belenguer (Young Investigator Award)
CIBERNED-Universitat de València
«Adult Neural Stem Cells Are Alerted by Systemic Inflammation through TNF- α Receptor Signaling»



12:15 - 13:45

FLASH TALKS

García Sánchez, Ainhoa - GRUPO MERCÉ BOADA

CIBERNED-Fundació ACE, Barcelona

«Patterns of cortical thinning in subject cognitive decline: data from the FACEHBI cohort»

Montero, Marta - GRUPO JAVIER DE FELIPE

CIBERNED-Instituto Cajal-CSIC, Madrid

«Three-dimensional synaptic organization of hippocampal CA1 stratum lacunosum-moleculare in Alzheimer's disease»

Soto, Carlos Manuel - GRUPO JOSÉ RODRÍGUEZ ÁLVAREZ

CIBERNED-Universitat Autònoma de Barcelona

«Loss of presenilin function enhances tau phosphorylation and aggregation in mice»

Vegas Suárez, Sergio - GRUPO ROSARIO MORATALLA

CIBERNED-Instituto Cajal-CSIC, Madrid

«Characterization of electrophysiological and oscillatory activity of Dorsal Raphe Nucleus in a mouse model of Parkinson's Disease»

Jiménez Villegas, José - GRUPO ANTONIO CUADRADO

CIBERNED-Universidad Autónoma de Madrid

«NRF2 activity is impaired in a DPR model of C9orf72-related ALS through non-classical mechanisms»

Iguázel López Royo, Teresa - GRUPO ROSARIO OSTA

CIBERNED-Instituto de Investigación Sanitaria de Aragón (IISA)

«Expression study of a cluster of five lncRNAs in a mouse model of amyotrophic lateral sclerosis (ALS)»

Sánchez-Aced, Érika - GRUPO ALBERT LLEÓ

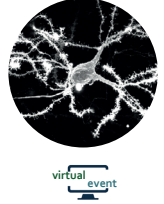
CIBERNED-Hospital de la Santa Creu i Sant Pau

«Super-resolution microscopy methods applied to human neurodegenerative diseases»

Herrando-Grabulosa, Mireia - GRUPO XAVIER NAVARRO

CIBERNED-Universitat Autònoma de Barcelona

«Simultaneous activation of two complementary targets, Kv7.2/3 and TSPO: a promising and novel treatment for Amyotrophic Lateral Sclerosis»



SCIENTIFIC PROGRAM

13:45 - 15:00
LUNCH BREAK

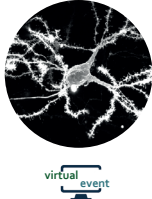
15:00 - 16:30 SCIENTIFIC SESSION VII / COLLABORATIVE PROJECTS

- **Isidro Ferrer**
CIBERNED-Profesor emérito. Universitat de Barcelona.
Investigador emérito. Institut d'Investigació Biomèdica de Bellvitge (IDIBELL). Barcelona
«Cellular and molecular analysis of tau seeding and progression in animal and cellular models of different human tauopathies»
- **Manuel Guzmán**
CIBERNED-Universidad Complutense de Madrid
«CB1R-GRP78 interaction: a new regulatory mechanism of cannabinoid neuroprotective activity?»
- **José J. Lucas**
CIBERNED-Centro de Biología Molecular "Severo Ochoa" (CSIC-UAM). Madrid
«Targeting CPEB-dependent impaired mitochondrial metabolism and synaptic and stem cell function in Huntington's disease»

17:00 - 18:30
FACULTY MEETING
(Claustro Científico)

18:30
CLOSING REMARKS

END OF MEETING



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XV CIBERNED Scientific Forum

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GENERAL INFORMATION

ORGANIZERS:



CIEN FOUNDATION & CIBERNED SECRETARIAT:



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www.viajesoasis.com / jsanchez@viajesoasis.com

VENUE:

CENTRO ALZHEIMER FUNDACIÓN REINA SOFÍA
AUDITORIO
C/Valderrebollo, 5 - 28031 Madrid

IN GRATITUDE TO:



CONSEJERÍA DE FAMILIA, JUVENTUD Y POLÍTICA SOCIAL



COVER PICTURE:

DioListic-labeled striatal medium spiny neuron


Verónica Brito,
Albert Giralt

(Research Group Jordi Alberch)



ciiiEN

www.CiiiEN.org

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