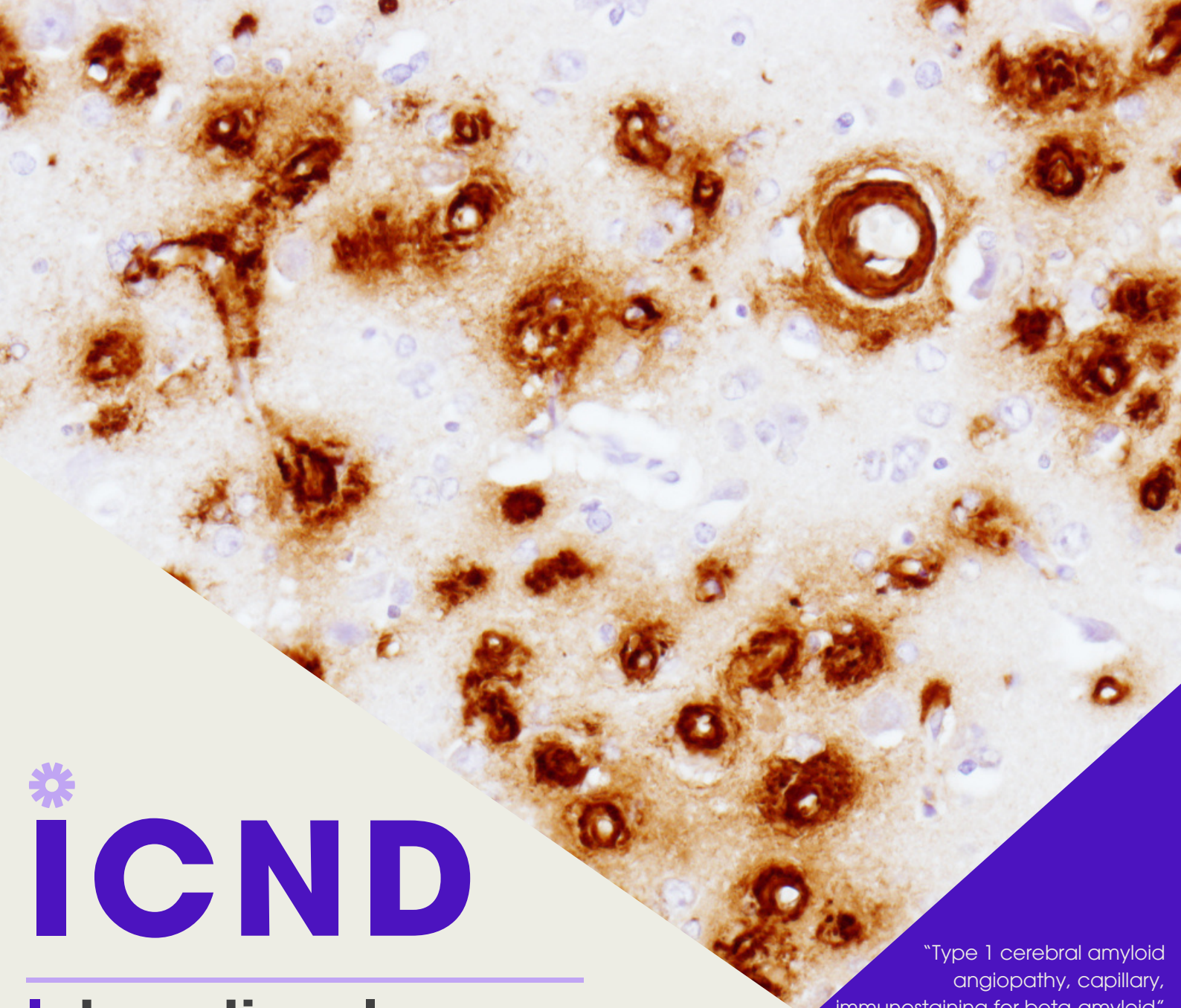




ICND

International Congress on Neurodegenerative Diseases

In search for a cure of neurodegenerative diseases

15-18 • SEPTEMBER • 2025

ELCHE • ALICANTE • SPAIN

"Type 1 cerebral amyloid
angiopathy, capillary,
immunostaining for beta-amyloid"
— Cover Image by CIEN.

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9:00 - 9:30 h

Registration and poster setup

9:30 - 11:30 h

Scientific Session I: TAU

Moderator: Mercè Boada Rovira (Ace Alzheimer Center
Barcelona/CIBERNED - Spain)

9:30 h

Marc Suárez-Calvet

Barcelonaβeta Brain Research Center (BBRC), Pasqual Maragall
Foundation — Barcelona, Spain

Title: *Tau: Biomarkers, Trials, and Beyond*

9:55 h

Alberto Lleó

Unitat de Memòria Hospital Sant Pau/CIBERNED — Barcelona,
Spain

Title: *Role of synaptic tau in Alzheimer's disease*

10:20 h

Simon Mead

MRC Prion Unit at UCL - National Prion Clinic, UCLH — UK

Title: *Latrogenic Alzheimer's disease - expanding the prion
concept*

10:45 h

Amira Latif-Hernandez

Stanford University School of Medicine — San Francisco, USA

Title: *A Molecular Switch for Synaptic Resilience in Tauopathies*

11:10 - 11:30 h

Discussion panel

12:45 - 13:45 h

Official Inauguration

13:45 - 14:45 h

Keynote Lecture

Introduction by: Javier Sáez Valero — Universidad Miguel Hernández
de Elche — Alicante, Spain

Francisco Juan Martínez Mojica — Universidad de Alicante, Spain

Title: *CRISPR's Journey: Tracing the Roots of a Revolutionary Genetic
Toolbox*

14:45 - 16:15 h

Posters & Lunch Chairperson: Aitana Sogorb CAFRS - CIEN
(Sala Kursaal, Gran Teatro)



16:15 - 18:15 h

Scientific Session II: Other targets

Moderator: Alberto Rábano

16:15 h

Alberto Rábano

Centro Alzheimer Fundación Reina Sofía - BT-CIEN — Madrid, Spain

Title: *Copathology patterns in neurodegenerative diseases: from neuropathology to pathogenesis*

16:40 h

Michel Grothe

Centro Alzheimer Fundación Reina Sofía - CIEN — Madrid, Spain

Title: *Limbic age-related TDP-43 encephalopathy (LATE)*

17:05 h

José Ramón Naranjo

Centro Nacional de Biotecnología-CSIC/CIBERNED — Madrid, Spain

Title: *The DREAM/ATF6 interaction mediates disease progression in FTL-D mouse models*

17:30 h

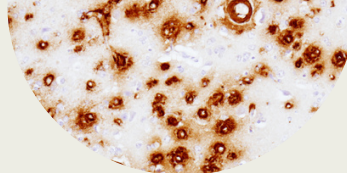
Tiago Outeiro

University Medical Center Goettingen — Göttingen, Deutschland

Title: *From biology to classification: understanding Parkinson's disease*

17:55 - 18:20 h

Discussion panel



9:00 - 11:00 h

Scientific Session III: APOE

Moderator: Daniel Alcolea

9:00 h

Daniel Alcolea

Sant Pau Memory Unit, Hospital de Sant Pau/CIBERNED —
Barcelona, Spain

Title: *APOE and Alzheimer's disease: from pathways to patient care*

9:25 h

Juan Fortea

Hospital of Sant Pau/CIBERNED — Barcelona, Spain

Title: *Expanding the concept of genetically determined AD:
APOE4 homozygotes*

9:50 h

Javier Sáez Valero

Universidad Miguel Hernández de Elche/CIBERNED — Alicante,
Spain

Title: *Compromised APOE Signaling in Alzheimer's Disease and
COVID-19, different profiles similar consequences?*

10:15 h

Jorge Sepulcre

Yale University — New Haven, USA

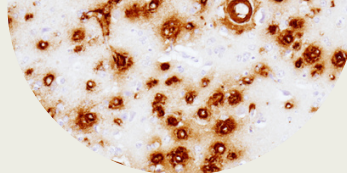
Title: *In Search of Novel Molecular Targets for Neurodegenerative
Diseases: PET and Multiomics Integration*

10:40 - 11:00 h

Discussion panel

11:00 - 11:30 h

Coffee break & Posters (Sala Kursaal, Gran Teatro)



11:30 - 13:30 h

Scientific Session IV: Neuromodulation

Moderator: Álvaro Pascual-Leone

11:30 h

Álvaro Pascual-Leone

Harvard Medical School — Boston, USA

Title: *Noninvasive Neuromodulation of Spatio-Temporal Signatures of Disability*

11:55 h

Christopher R Butler

Imperial College London — London, UK

Title: TBD

12:20 h

Guglielmo Foffani

Centro Alzheimer Fundación Reina Sofía - CIEN — Madrid, Spain

HM CINAC — Madrid, Spain

Hospital Nacional de Parapléjicos — Toledo, Spain

Title: *Transcranial static magnetic field stimulation (tSMS) in movement disorders*

12:45 h

Giacomo Koch

Fondazione Santa Lucia — Rome, Italy

Title: *Personalized Neuromodulation of the Default Mode*

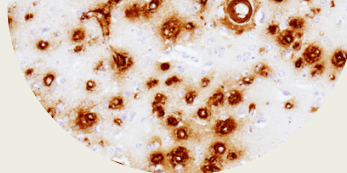
Network for Treatment of Alzheimer's Disease: Foundations and Next Steps

13:10 -13:30 h

Discussion panel

13:30 - 14:30 h

Posters & Lunch Chairperson: Aitana Sogorb **CAFRS - CIEN**
(Sala Kursaal, Gran Teatro)



14:30 - 16:30 h

Scientific Session V: Glia

Moderator: Marta Fernández Matarrubia

14:30 h

Marta Fernández Matarrubia

Hospital Univeristario Marqués de Valdecilla — Santander, Spain

Title: *Rethinking Alzheimer's disease through glial cells: neuroinflammation, biomarkers and new targets*

14:55 h

Estrella Morenas

Hospital Univeristario 12 de Octubre — Madrid, Spain

Title: *The Therapeutic Potential of TREM2 Modulation: Biomarker-Based Insights into Microglial Activation in Alzheimer's and Beyond*

15:20 h

Amaia Arranz

Achucarro - Basque center for Neuroscience — Leioa, Spain

Title: *Divergent Effects of Human Astrocytes with Different APOE Variants on Key Alzheimer's Disease Hallmarks in Chimeric Mice*

15:45 h

Eduardo Zimmer

Universidade Federal Rio Grande do Sul — Porto Alegre, Brazil

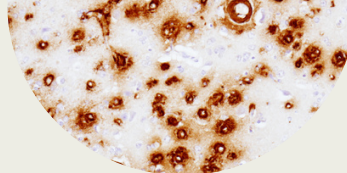
Title: *The cellular origins of neuroinflammation in Alzheimer's disease*

16:10 - 16:30 h

Discussion panel

16:30 - 16:45 h

Coffee break & Posters (Sala Kursaal, Gran Teatro)



Tuesday 16

 Centro de Congresos "Ciutat d'Elx"

16:45 - 18:15 h

Scientific Session VI: Amyloid

Moderator: Raquel Sánchez Valle

16:45 h

Raquel Sánchez Valle

Hospital Clínic Barcelona — Barcelona, España

Title: *Introduction to amyloid therapies*

17:10 h

Estela Area-Gómez

Centro de Investigaciones biológicas. CSIC — Spain

Columbia University — NYC

Title: *The role of MAM in the regulation of APP processing*

17:35 h

Bart de Strooper

VIB-KU Leuven Center for Brain & Disease Research — Belgium

University College London & UK-Dementia Research Institute - UK

Title: *Five Inflection Points in Alzheimer's Disease: From Amyloid-Driven Inflammation to Tau-Mediated Neurodegeneration*

18:00 - 18:15 h

Discussion panel

9:00 - 11:00 h

Scientific Session VII: Other mechanisms

Moderator: Teodoro del Ser

9:00 h

Teodoro del Ser

Centro Alzheimer Fundación Reina Sofía - CIEN — Madrid, Spain

Title: *Other therapeutic approaches in Alzheimer's disease*

9:25 h

Ángel Cebolla

Olavide Neuron STX S.L. (ONESTX) — Sevilla, Spain

Title: *Modulating Sulfated Steroid Availability to Treat Neurodegenerative Diseases*

9:50 h

Jose María Frade

Instituto Cajal CSIC — Madrid, Spain

Title: *A multifactorial gene therapy with the potential to cure Alzheimer's disease*

10:15 h

Johannes Levin

Ludwig-Maximilians-Universität München — München, Germany

Title: *Mixed Neurodegenerative Pathologies: Clinic, causes and consequences*

10:40 - 11:00 h

Discussion panel

11:00 - 11:30 h

Coffee break & Posters (Sala Kursaal, Gran Teatro)

11:30 - 13:30 h

Scientific Session VIII: Metabolism

Moderator: Maite Mendioroz Iriarte

11:30 h

Maite Mendioroz Iriarte

Hospital Universitario de Navarra — Pamplona, Spain

Title: *The Critical Convergence: Type 3 Diabetes, Metabolic Dysfunction, and GLP-1 Agonists in Alzheimer's Disease*

11:55 h

Ignacio Torres Alemán

Achucarro - Basque center for Neuroscience/CIBERNED — Leioa, Spain

Title: *IGF-1 and neurodegenerative diseases: from bench to bedside*

12:20 h

Javier Salvador Rodríguez

Universidad de Navarra — Pamplona, Spain

Title: *GLP-1 and dementia: from metabolic roots to neurological horizons*

12:45 h

Emiliano Bruner

Museo Nacional de Ciencias Naturales CSIC — Madrid, Spain,
Centro Alzheimer Fundación Reina Sofía - CIEN — Madrid, Spain

Title: *The evolution of the human precuneus: topological, vascular, and metabolic drawbacks of the deep brain.*

13:10 - 13:30 h

Discussion panel

13:30 - 14:30 h

Lunch & Posters (Sala Kursaal, Gran Teatro)



Miércoles 17

17:00 - 18:00 h

La visión del paciente sobre la investigación en enfermedades neurodegenerativas (Centro de Congresos)

Presentado por: TBD

Mariló Almagro — CEAFA

Alicia Campos — FEP

Teodoro del Ser — CAFRS - CIEN

Aitana Sogorb — CAFRS - CIEN

18:00 - 18:30 h

Café (Centro de Congresos)

18:30 - 20:00 h

"Neurodiálogos en clave de sol" - Interpretación de piano y violín (Centro de Congresos)

Guglielmo Foffani

Luca Bagagli



Jueves 18

17:00 - 18:00 h

**Diagnóstico precoz en enfermedades neurodegenerativas:
Utopía o realidad clínica** (Centro de Congresos)

Presentado por: TBD

Pascual Sánchez-Juan — CAFRS - CIEN

María Ascensión Zea Sevilla — CAFRS - CIEN

Javier Saez Valero — Universidad Miguel Hernández de
Elche/CIBERNED

18:00 - 18:30 h

Café (Centro de Congresos)

18:30 - 19:30 h

**La perspectiva del paciente con las asociaciones de
familiares de pacientes: Abordaje y recursos de apoyo en
enfermedades neurodegenerativas** (Centro de Congresos)

Presentado por: TBD

Asociación de Familiares de Alzheimer de Elche (AFAE)

Asociación Parkinson Elche

Defensor del Mayor de Elche

José Francisco Barragán (Presidente de AFAE)

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Congresos "Ciutat d'Elx"**

Carrer del Filet de Fora 1,
03203 Elche, Alicante



**Venue - Gran Teatro
de Elche**

C/ Kursaal, 1, 03203
Elche, Alicante



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Exciting news! The International Congress
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