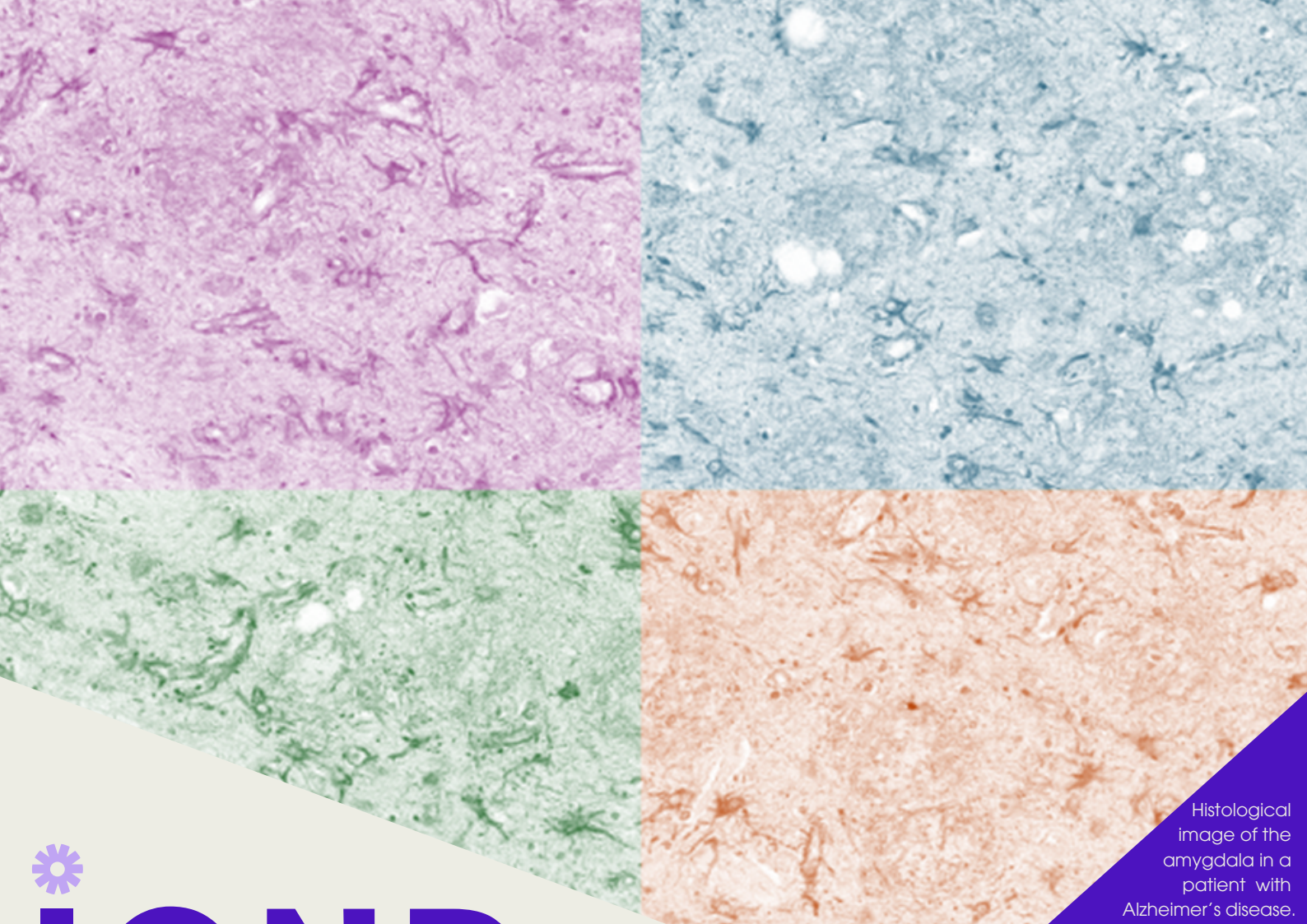




Histological image of the amygdala in a patient with Alzheimer's disease. Immunohistochemical staining for GFAP. Reactive astrocytes, plaques, and blood vessels—key elements for the interpretation of different biomarkers (colors). - By CIEN



ICND

International Congress on Neurodegenerative Diseases

Biomarker-based research into neurodegenerative diseases: a new era

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10:00 - 10:30 h

Registration and poster setup

10:30 - 12:30 h

Scientific Session I: Core 1 biomarkers

Moderator: Mercé Boada Fundació ACE — Barcelona, Spain

10:30 h

Javier Arbizu

University of Navarra Clinic — Pamplona/Madrid, Spain

Amyloid PET

10:55 h

Pascual Sánchez-Juan

CIEN - Centro Alzheimer Fundación Reina Sofía — Madrid, Spain

From Amyloid Positivity to Individual Risk

11:20 h

Jonathan Schott

Dementia Research Centre, UCL Institute of Neurology — London, UK

What can a birth cohort tell us about dementia?

11:45 h

Michael Schöll

University of Gothenburg — Gothenburg, Sweden

Screening for early Alzheimer's disease? - First learnings from the REAL AD study

12:10 - 12:30 h

Discussion panel

13:00 - 13:45 h

Official Inauguration

13:45 -
14:30 h

Keynote Lecture

Bill Jagust

UC Berkeley — California, USA

Introduction by: Michel Grothe - CIEN - Centro Alzheimer Fundación Reina Sofía — Madrid, Spain

Amyloid and Tau PET and the Biology of Alzheimer's Disease

14:30 - 16:30 h

Lunch & Posters



16:30 - 18:00 h

Scientific Session II: Core 2 Biomarkers

Moderator: Michel Grothe - CIEN - Centro Alzheimer
Fundación Reina Sofía — Madrid, Spain

16:30 h

Alexis Moscoso

Health Research Institute of Santiago de Compostela (IDIS) —
Galicia, Spain

*Advances in Tau Positron Emission Tomography Imaging in
Alzheimer's Disease and other Neurodegenerative Diseases*

16:55 h

Gemma Salvadó

BarcelonaBeta Brain Research Center — Barcelona, Spain
Lund University — Lund, Sweden

*Combination of core 1 and core 2 biomarkers for better
characterisation of Alzheimer's disease*

17:20h

Laia Montoliu

University of Gothenburg — Gothenburg, Sweden

Next challenges in blood biomarkers for Alzheimer's Disease

17:45 - 18:00 h

Discussion panel

9:00 - 11:35 h

Scientific Session III: Role of inflammation

Moderator: José López Barneo — IBiS — Sevilla, Spain

9:00 h

Keynote Lecture

Michael Heneka

University of Luxembourg — Luxembourg

University of Bonn — Germany

Umass Worcester — USA

Innate Immune Activation in Alzheimer's disease - a future therapeutic target?

10:00 h

Alberto Pascual

Hospital Universitario Virgen del Rocío/CSIC/Universidad de Sevilla — Seville, Spain

Metabolism and microglia in health and disease

10:25 h

Tharick Pascoal

University of Pittsburgh School of Medicine — Pittsburgh, USA

Glial Reactivity Biomarkers in the Progression of Alzheimer's Disease

10:50 h

Konstantinos Chiotis

Dept NVS, Karolinska Institutet — Stockholm, Sweden

Multimodal Astrocyte Imaging in Alzheimer's Disease and Frontotemporal Dementia

11:15 - 11:35 h

Discussion panel

11:35 - 11:45 h

Acto entrega Ayuda Fundación Reina Sofía-Fundación MAPFRE

11:45 - 12:15 h

Coffee break & Posters



12:15 - 14:10 h

Scientific Session IV: Copathologies and non-AD causes of amnesic impairment

Moderator: Alberto Rábano

12:15 h

Alberto Rábano

CIEN - Centro Alzheimer Fundación Reina Sofía — Madrid, Spain

Clinical impact of mixed pathologies in neurodegenerative dementia.

12:40 h

Michel Grothe

CIEN - Centro Alzheimer Fundación Reina Sofía — Madrid, Spain

Towards in vivo detection of limbic age-related TDP-43 encephalopathy (LATE)

13:05 h

Jesús Silva

CIEN - Centro Alzheimer Fundación Reina Sofía — Madrid, Spain

Lewy body (co-)pathology and the heterogeneity of amnesic dementia syndromes

13:30 h

Nico Franzmeier

Institute for Stroke and Dementia Research, LMU Hospital — Munich, Germany

PET imaging in primary tauopathies

13:55 -14:10 h

Discussion panel

14:10 - 15:45 h

Lunch & Posters



15:45 - 17:45 h

Scientific Session V: Technology, AI, Omics

Moderator: Guglielmo Foffani - CIEN - Centro Alzheimer
Fundación Reina Sofía — Madrid, Spain

15:45 h

Emrah Düzel

Otto-von-Guericke University Magdeburg / DZNE — Germany
UCL — UK

Digital Biomarkers in Alzheimer's disease

16:10 h

Eugenio Iglesias

Harvard University — Cambridge, USA

*Creating 3D histological datasets of the human brain for
automated image segmentation*

16:35 h

Charlotte Teunissen

Amsterdam UMC — Amsterdam, Netherlands

Biomarkers for different pathologies in dementia

17:00 h

Jake Vogel

Lund University — Lund, Sweden

*Integrating AI with biomarkers to advance clinical workflows for
Alzheimer's disease*

17:25 - 17:45 h

Discussion panel



9:00 - 11:30 h

Scientific Session VI: Synapse and plasticity

Moderator: Rafael Fernández Chacón

9:00 h

Keynote Lecture

Seth Grant

Edinburgh University — Edinburgh, UK

Synaptome architecture in health and disease

10:00 h

Rafael Fernández Chacón

IBiS — Seville, Spain

*When a synaptic co-chaperone turns pathogenic:
CSPalpha/DNAJC5 in Kufs disease/CLN4*

10:25 h

Joana Pereira

Karolinska Institute — Stockholm, Sweden

Synaptic changes over the course of Alzheimer's disease

10:50 h

Alberto Lleó

Hospital de la Santa Creu i Sant Pau — Barcelona, Spain

Synaptic tau pathology in Alzheimer's disease

11:15 - 11:30 h

Discussion panel

11:30 - 12:00 h

Coffee break & Posters



12:00 - 14:00 h

Scientific Session VII: Genetics

Moderator: Raquel Sánchez Valle - Hospital Clínic
Barcelona — Spain

12:00 h

Victoria Fernández

Fundació ACE — Barcelona, Spain

*Across dementia boundaries: Connecting genetics, pathology
and clinical síndromes*

12:25 h

Sven van der Lee

Amsterdam UMC — Amsterdam, Netherlands

*Novel Genetic variation associated with Clinical Frontotemporal
Dementia*

12:50 h

Juan Fortea

Hospital de la Santa Creu i Sant Pau — Barcelona, Spain

The Impact of APOE on Plasma Tau and Tau PET

13:15 h

Alfredo Ramírez

University of Cologne — Cologne, Germany

Connecting Alzheimer's disease with Aging

13:40 - 14:00 h

Discussion panel

14:00 - 15:00 h

Lunch & Posters

15:00 - 16:00 h

Poster Highlights Session
 Presented by Sonia Wagner Reguero

Presentation Schedule	Title	Presenter	Affiliation	Poster Nr
15:00-15:04	<i>Longitudinal progression of brain hypometabolism patterns in autopsy-confirmed AD and LATE</i>	Miguel A. Labrador-Espinosa	CIEI – Centro Alzheimer Fundación Reina Sofía, Madrid, Spain	45
15:05-15:09	<i>Short-latency afferent inhibition tracks cholinergic basal forebrain integrity and cognitive decline in Parkinson's disease</i>	Juan Francisco Martín Rodríguez	IBiS, HUVR, CSIC, US, CIBERNED, Seville, Spain	36
15:10-15:14	<i>Astrocyte reactivity-pTau217 coupling identifies a high-risk biomarker signature in preclinical Alzheimer's disease</i>	Elizabeth Valeriano Lorenzo	CIEI – Centro Alzheimer Fundación Reina Sofía, Madrid, Spain	28
15:15-15:19	<i>Disrupted Synchro-Noise Balance as a System-Level Signature of Motor Cortex Instability in Parkinson's Disease</i>	Chiara Galletti	HM CINAC, FRS/Mapfre CIEI, UAH, Madrid, Spain	43
15:20-15:24	<i>Serial ante-mortem MRI analysis of regional atrophy progression in autopsy-confirmed LATE-NC with hippocampal sclerosis</i>	Andrés Jiménez Pérez	CIEI – Centro Alzheimer Fundación Reina Sofía, Madrid, Spain	50
15:25-15:29	<i>An NRF2-dependent lipidomic signature associates synaptic loss with TAU pathology in Alzheimer's Disease</i>	Ana I. Rojo	IIB Sols Morreale (CSIC UAM), UAM, IdiPAZ, CIBERNED, Madrid, Spain	2
15:30-15:34	<i>Perivascular spaces reflect neuropathological severity of Cerebral Amyloid Angiopathy in Alzheimer's disease</i>	Mario Ricciardi Serra	CIEI – Centro Alzheimer Fundación Reina Sofía, Madrid, Spain	35
15:35-15:39	<i>Myeloid cell CD300f R218Q variant enhances phagocytosis and is associated with milder Alzheimer's disease pathology</i>	Hugo Peluffo	UB, Institut de Neurociències, Barcelona Spain, Institut Pasteur de Montevideo, Uruguay	41
15:40-15:44	<i>Multimodal characterization of cognitively declining individuals with normal plasma p-tau217 levels</i>	Cristina Sánchez Martín	CIEI – Centro Alzheimer Fundación Reina Sofía, Madrid, Spain	47
15:45-15:49	<i>Dynamic remodeling of SUMOylation across the central nervous system and peripheral compartments during Alzheimer's disease progression</i>	Rachele Marino	University of L'Aquila, European Brain Research Institute, Rita Levi Montalcini Foundation, Rome, Italy	52

Wednesday 23



Centro Virgen de los Reyes

16:00 - 17:15 h

Encuentro sociosanitario:

Investigación, innovación al servicio de las personas

Moderador: Ernesto García Roldán — Neurólogo e investigador, IBiS — Sevilla, Spain

- Mariló Almagro Cabrera — Presidenta Confederación Española de Alzheimer y otras demencias (CEAFA)
- Investigadora básica: Antonia Gutiérrez — Presidenta Sociedad Española de Neurociencia (SENC), Universidad de Málaga
- Mario Ricciardi — Neurólogo e investigador, CIEN - CAFRS
- Eva Cuartero — Coordinadora Plan Andaluz y de la Unidad Clínica de Neurología en el Hospital Universitario de Valme
- José Antonio García García — PEPA (CEAFA)
- Ángela García Cañete — Presidenta de la Confederación Andaluza de Alzheimer (ConFEAFA)
- Alicia Campos Martín — Directora Federación Española de Parkinson (FEP)
- María Angustias Díaz Martínez — afectada de Párkinson y Presidenta de la Asociación Parkinson Granada

17:15 - 18:45 h

Scientific Session VIII: Other dementias

Moderator: Aitana Sogorb

17:15 h

Aitana Sogorb

CIEN - Centro Alzheimer Fundación Reina Sofía — Madrid, Spain
Biomarkers across the FTD-ALS spectrum: current landscape and future directions

17:40 h

Gianluigi Zanusso

University of Verona — Verona, Italy

Detection of TDP-43 aggregates in frontotemporal dementia by seeding assay

18:05 h

Pablo Mir

IBiS/Hospital Universitario Virgen Del Rocío, CIBERNED, Universidad de Sevilla — Spain

Parkinson's-related cognitive decline / dementia

18:30 - 18:45 h

Discussion panel

18:45 - 19:00 h

Best Poster Award



Venue: Centro Virgen de los Reyes

Calle Fray Isidoro de
Sevilla, 1, 41009 Sevilla

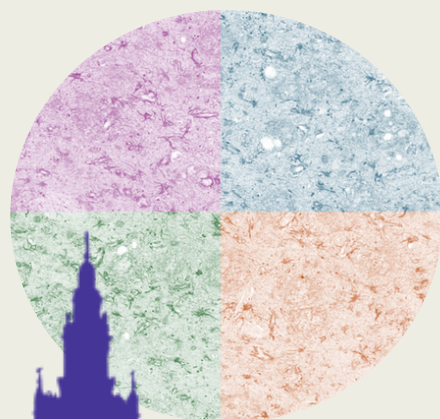


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