

XII Biennial Conference Barcelona-Pittsburgh

A UNIQUE EVENT: THE FUTURE OF RESEARCH

Auditori Grifols (Sant Cugat)

Wednesday June 1st

18:00 – 18:50

Unique event: The future of research

Chaired by Pere Estupinyà

With the participation of

Arcadi Navarro

Pascual Sánchez Juan

Agustín Ruiz

18:50 – 19:30

V Joan Boada & Mercè Rovira Award

Delivered by Ace Alzheimer Center, Grifols & La Caixa

19:30 – 20:00

Exclusive performance

20:00 – 22:00

Cocktail

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PEIX a CASA
Una experiència diferent de comprar peix.

Thursday June 2nd

07:30 – 08:30 Registration

INNOVATIVE BIOMARKER RESEARCH

08:30 – 08:55	Keynote lecture by Charlotte Teunissen Chaired by Sasha Bozeat	<i>Innovations in neurodegenerative biomarker research</i>
08:55 – 09:25	Panel chaired by Sasha Bozeat Andrea Pilotto Amanda Cano	<i>TBD</i> <i>Diagnostic potential of biomarkers loaded in plasma-derived exosomes in a cohort of early-onset mild cognitive impairment: the BIOFACE study</i>

PLASMA BIOMARKERS

09:25 – 09:50	Keynote lecture by Arfan Ikram Chaired by Sasha Bozeat	<i>TBD</i>
09:50 – 10:20	Panel chaired by Sasha Bozeat Alberto Lleó Marc Suárez-Calvet	<i>TBD</i> <i>Blood-based biomarkers in the Alzheimer's continuum</i>
10:20 – 10:45	DISCUSSION ON BIOMARKERS with all panellists from previous sessions Chaired by Sasha Bozeat	

10:45 – 11:15 Coffee break

NEUROVASCULAR HYPOTHESES FOR NEURODEGENERATIVE DISEASES

11:15 – 11:35	Keynote lecture by Berislav Zlokovic	<i>Blood-Brain Barrier Role in Neurodegeneration, Cognitive Decline and Alzheimer's Disease</i>
11:35 – 11:55	Keynote lecture by José Obeso Chaired by Joan Montaner	<i>Blood Brain Barrier Opening in Neurodegenerative Diseases: Possibilities and limitations</i>
11:55 – 12:15	Discussion with all panellists chaired by Joan Montaner	

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NEUROINFLAMMATORY HYPOTHESES FOR NEURODEGENERATIVE DISEASES

12:15 – 12:35	Keynote lecture by Michael T Heneka	<i>TBD</i>
	Chaired by Santos Mañes	
12:35 – 13:05	Panel chaired by Michael Heneka & Santos Mañes	
	Alfredo Cabrera	<i>Using human induced pluripotent stem cells to improve drug development in neuroscience</i>
	Javier Vitorica	<i>Microglial dysfunction in Alzheimer pathology</i>

OFFICIAL CONFERENCE OPENING

13:05 – 13:30 Introduced by the Organizing Committee

13:30 – 14:30 *LUNCH*

PERIPHERAL INTERVENTIONS IN ALZHEIMER'S DISEASE

14:30 – 14:50	Keynote lecture by Dobri Kripov	<i>Paradigm Shift in the Utilization of Plasmapheresis in Clinical Practice</i>
	Chaired by Mercè Boada	
14:50 – 15:20	Panel chaired by Dobri Kripov	
	Mercè Boada	<i>UAT real world experience</i>
	Montse Costa	<i>AMBAR: a multimechanistic intervention for a multicausal disease</i>

CHARGE CONSORTIUM

15:20 – 15:45	Keynote lecture by Sudha Seshadri	<i>Genetics in the 'Memory' Clinic: Current and Emerging Roles in Prevention, Diagnosis and Drug Discovery</i>
	Chaired by Agustin Ruiz	
15:45 – 16:15	Panel chaired by Sudha Seshadri & Agustín Ruiz	
	Sven van der Lee	<i>The many ways to longevity: Polygenic Risk Scores in CHARGE and beyond</i>
	Stéphanie Debette	<i>TBD</i>

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16:15 – 16:45 *Coffee break*

GENOME RESEARCH

16:45 – 17:10	Keynote lecture by Agustin Ruiz Chaired by Arcadi Navarro	<i>Genetics of Alzheimer's disease: 15 years of discoveries using genomewide scans (GWAS)</i>
17:10 – 17:40	Panel chaired by Agustín Ruiz & Arcadi Navarro Alfredo Ramírez Kristel Slegers	<i>TBD</i> <i>The interface of genomics and transcriptomics in Alzheimer's disease</i>

APP, E-COHORTS, PRECISION MEDICINE AND TELEMEDICINE

17:40 – 18:00	Keynote lecture by Wolfram Hinzen Chaired by Sergi Valero	<i>Speech biomarker</i>
18:00 – 18:30	Panel chaired by Sergi Valero Montse Alegret Pascual Sánchez Juan	<i>Ace digital biomarkers: Facememory® approach</i> <i>Precision Medicine in AD</i>

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Friday June 3rd

LEARNINGS FROM PREDICTION & PREVENTION

09:00 – 09:20	Keynote lecture by Bruno Vellas	<i>The WHO ICOPE program and early diagnosis of Alzheimer</i>
09:20 – 09:40	Keynote lecture by Oscar López	<i>Prediction of dementia by blood and PET biomarkers change over a period of 10 years</i>
	Chaired by Mercè Boada	

MOLECULAR NEUROIMAGING

09:40 – 10:10	Keynote lecture by Victor Villemagne	<i>Molecular imaging of amyloid, tau and neuroinflammation in Alzheimer's disease.</i>
	Chaired by Marta Marquie	
10:10 – 10:40	Panel chaired by Victor Villemagne	
	Marta Marquie	<i>Amyloid PET in Subjective Cognitive Decline: experience from the FACEHBI cohort</i>
	Ann Cohen	<i>Integrating standard and novel MRI measures to measure neurodegeneration and cerebrovascular disease across the spectrum of AD</i>

10:40 – 11:15 Coffee break

NEUROSTIMULATION

11:15 – 11:35	Keynote lecture by Roland Beisteiner	<i>Transcranial Pulse Stimulation TPS - a novel add on therapy for neurodegeneration</i>
	Chaired by Chris Butler	
11:35 – 12:05	Panel chaired by Chris Butler	
	Vanesa Pytel	<i>Transcranial magnetic stimulation: a new approach to treat neurodegenerative diseases</i>
	Chris Butler	<i>TBD</i>

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THERAPEUTIC ADVANCES IN AD

12:05 – 12:30	Keynote lecture by Xavier Morató <i>Overview of global Pipelines</i> Chaired by Mercè Boada
12:30 – 13:50	Panel chaired by Xavier Morató & Mercè Boada Janice Smith <i>TBD</i> Susan Abushakra <i>TBD</i> Elisabet Molina <i>Top line data phase 2 study of ABvac40, an active vaccine anti-Aβ40 in patients with mild cognitive impairment or very-mild Alzheimer's disease</i> Samantha Budd-Haberlein <i>TBD</i>

13:40 – 14:10 **CLOSING CEREMONY**

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