



XI Conferencia Bienal *11th Biennial Conference*
Barcelona - Pittsburgh



World Trade Center (Barcelona)
23 – 25 May 2018



In collaboration with
GRIFOLS

Miércoles, 23 de Mayo / Wednesday, May 23

Taller Intensivo de ÉTICA / Intensive Workshop on ETHICS

14:00 – 15:30 **Acreditación / Registration**

15:30 – 18:30 **TALLER DE ÉTICA / WORKSHOP ON ETHICS**

15:30 – 15:40 **Welcome and objectives**

By: **Mercè Boada**, *Fundació ACE, Barcelona*, **Frank Jessen**, *University of Cologne. PreDADQoL Study.*

15:40 – 16:35 **Mesa / Panel – Predictive Diagnosis of Alzheimer's disease: Quality of Life of Individuals at Risk and their Close Other (PreDADQoL).**

Moderadores / Chairs: **Núria Terribas**, *Director of Fundació Víctor Grífols i Lucas*, **Christiane Woopen**, *Cologne Center for Ethics, Rights, Economics, and Social Sciences of Health- CERES. University of Cologne. PreDADQoL Study.*

15:40 – 16:05 **Ethics and Alzheimer's: what is changing.**
Núria Terribas, *Director of Fundació Víctor Grífols i Lucas.*

16:05 – 16:20 **Effects of biomarker-based dementia risk disclosure in patients with MCI – Design of the clinical subproject in the PreDADQoL study.**
Ayda Rostamzadeh, *University of Cologne.*

16:20 – 16:35 **Expectations of Mild Cognitive Impairment (MCI) patients and their caregivers towards biomarker-based predictive AD diagnosis – Preliminary findings from the PreDADQoL study.**
Carolin Schwegler, *Cologne Center for Ethics, Rights, Economics, and Social Sciences of Health- CERES. University of Cologne. PreDADQoL Study.*

16:35 – 17:35 **Mesa / Panel – How to manage disclosures using biomarkers?**

Moderadores / Chairs: **Frank Jessen**, *University of Cologne*, **Mercè Boada**, *Fundació ACE, Barcelona.*

16:35 – 16:55 **Cerebrospinal fluid (CSF) biomarkers.**
Albert Lleó, *Unitat de Demències, Hospital de la Santa Creu i Sant Pau, Barcelona.*

16:55 – 17:15 **Positron emission tomography (PET) imaging.**
Jennifer Lingler, *Department of Health and Community Systems, University of Pittsburgh.*

17:15 – 17:35 **Disclosure of Apolipoprotein E (APOE) Genotype and Risk of Alzheimer's disease.**
Scott Roberts, *Genomics, Health & Society Program, Center for Bioethics and Social Sciences in Medicine, University of Michigan.*

17:35 – 17:50 **Pausa Caf  / Coffee Break**

17:50 – 18:30 **Debate / Discussion**

Moderador / Chair: **Bj rn Schmitz-Luhn**, *PreDADQoL project, University of Cologne.*

Albert Lle  *Unitat de Dem ncies. Hospital Sant Pau, Barcelona.*
Jennifer Lingler *Department of Health and Community Systems, University of Pittsburgh.*
Scott Roberts *Genomics, Health & Society Program, Center for Bioethics and Social Sciences in Medicine, University of Michigan.*

Christiane Woopen *Cologne Center for Ethics, Rights, Economics, and Social Sciences of Health- CERES. University of Cologne. PreDADQoL Study.*

Silvia Gil *Fundaci  ACE, Barcelona. PreDADQoL Study.*
Frank Jessen *University of Cologne. PreDADQoL.*

Jueves, 24 de Mayo / Thursday, May 24

- 07:30 – 08:30** **Acreditación / Registration**
- 08:30 – 09:00** **Hot topic lecture - Challenges and Progress in Imaging Proteinopathies.**
By **Chester Mathis**, *University of Pittsburgh*.
Moderador / Chair: **Gemma Monté**, *Fundació ACE, Barcelona*.
- 09:00 – 10:00** **Mesa / Panel - Neuroimagen / Neuroimaging.**
Moderadores / Chairs: **Chester Mathis**, *University of Pittsburgh*, **Gemma Monté**, *Fundació ACE, Barcelona*.
- 09:00 – 09:20 **Perplexes of current Tau PET imaging: importance of neuropathology validation.**
Milos Ikonovic, *University of Pittsburgh*.
- 09:20 – 09:40 **Analysis of anatomical MRI using SPM.**
John Ashburner, *Wellcome Trust Centre for Neuroimaging, University College, London*.
- 09:40 – 10:00 **Two-year longitudinal monitoring of amnesic mild cognitive impairment patients with prodromal Alzheimer's disease using topographical biomarkers derived from resting state fMRI.**
Jorge Jovicich, *Università degli Studi di Trento*.
- 10:00 – 10:15** **Pausa Café / Coffee Break**
- 10:15 – 10:45** **Hot topic lecture - Use of amyloid imaging in clinical trials and for the validation of fluid Biomarkers.**
By **Victor Villemagne**, *University of Melbourne*.
Moderador / Chair: **Pedro Pesini**, *Araclon*.
- 10:45 – 11:45** **Mesa / Panel – Biomarcadores / Biomarkers**
Moderadores / Chairs: **Victor Villemagne**, *University of Melbourne*, **Pedro Pesini**, *Araclon*.
- 10:45 – 11:05 **Albumin functionality in Alzheimer Disease.**
Montserrat Costa, *Grifols, Barcelona*.
- 11:05 – 11:25 **Omics approximation in the study of CSF in AD patients.**
Gerard Piñol, *Hospital Universitari de Santa Maria, Lleida / Universitat de Lleida*.
- 11:25 – 11:45 **Novel Insights into the Functional Plasma Proteome in Alzheimer's disease.**
Steven Braithwaite, *Alkahest, San Carlos, CA*.
- 11:45 – 12:45** **Inauguración / Official Opening**
- V Premio "Fundació ACE. Joan Boada & Mercè Rovira" / 5th "Fundació ACE. Joan Boada & Mercè Rovira" award.**
Presentado por: / Introduced by: **Lluís Tárraga**, *Fundació ACE, Barcelona*.
- 12:45 – 13:15** **Hot topic lecture- Explorations in the aging human connectome.**
By **James T. Becker**, *University of Pittsburgh*.
Moderador / Chair: **Lluís Tárraga**, *Fundació ACE, Barcelona*.
- 13:45 – 14:45** **Almuerzo / Lunch**
- 15:00 – 15:30** **Hot topic lecture- Epigenomics of Dementia.**
By **Manel Esteller**, *Bellvitge Biomedical Research Institute (IDIBELL), Barcelona*.
Moderador / Chair: **Agustín Ruiz**, *Fundació ACE, Barcelona*.
- 15:30 – 16:30** **Mesa / Panel – Avances en genética / Advances in genomics.**
Moderadores / Chairs: **Manel Esteller**, *IDIBELL, Barcelona*, **Agustín Ruiz**, *Fundació ACE, Barcelona*.

- 15:30 – 15:50 **How Can we Accelerate Dementia Prevention and Treatment? Population Neuroscience and Personalized Care.**
Sudha Seshadri, *Boston University, Alzheimer's disease Center*
- 15:50 – 16:10 **Exploring biological consequences of genetic risk factors for Alzheimer's disease.**
Alfredo Ramírez, *University of Cologne.*
- 16:10 – 16:30 **Genetic risk for schizophrenia and psychosis in Alzheimer disease.**
Robert Sweet, *Psychiatry Dept. University of Pittsburgh.*
- 16:30 – 17:00** **Hot topic lecture - Innovative strategies in Alzheimer's disease.**
By **Norman Relkin**, *Weill Cornell Medical College (TBC)*
Moderador / Chair: **Mercè Boada**, *Fundació ACE, Barcelona.*
- 17:00 – 18:00** **Mesa / Panel – Innovative Strategies 1**
Moderadores / Chairs: **Norman Relkin**, *Weill Cornell Medical College*, **Mercè Boada**, *Fundació ACE, Barcelona.*
- 17:00 – 17:15 **Update on the clinical development of ABvac40, an active immunotherapy against Alzheimer's disease.**
Pedro Pesini, *Araclon.*
- 17:15 – 17:30 Títol/Title: *TBD Recambio plasmático en EA / Plasma Exchange in AD*
Antonio Páez, *Grifols.*
- 17:30 – 17:45 **Aducanumab 36-Month Data from the PRIME Study: A Randomized, Double-Blind, Placebo-Controlled Phase 1b Study in Patients with Prodromal or Mild Alzheimer's disease.**
Carmen Castrillo-Viguera, *Clinical Development AD, Biogen.*
- 17:45 – 18:00 **Disease modifying combination therapy in next generation clinical trials.**
Adam Fleisher, *Global Alzheimer's Disease team, Lilly.*
- 18:00 – 18:15** **Pausa Caf  / Coffee Break**
- 18:15 – 19:00** **Mesa / Panel – Innovative Strategies 2**
Moderador / Chair: **Isabel Hern andez** *Fundaci  ACE*, **Carla Abdelnour**, *Fundaci  ACE, Barcelona.*
- 18:15 – 18:30 **Lilly BACE Inhibitor Program and Early Phase Pipeline.**
Cynthia Duggan, *Lilly.*
- 18:30 – 18:45 **Roche in Alzheimer's disease - Current developments.**
Vera Zingler, *Alzheimer's Disease Global Medical Team Leader Crenezumab, Roche.*
- 18:45 – 19:00 **AbbVie's vision for interventions in Alzheimer's Disease.**
Olga S anchez-Sol o, *Global Neuroscience Therapeutic Area Head, Global Medical Affairs. AbbVie.*
- 19:00 – 19:30** **Hot topic lecture – Present and future of CSF biomarkers.**
By **Charlotte Teunissen**, *VU University Medical Center.*
Moderador / Chair: **Adela Orellana**, *Fundaci  ACE, Barcelona.*

Viernes, 25 de Mayo / Friday, May 25

- 08:30 – 09:00** **Hot topic lecture - The long term prediction of incident dementia by commonly used biomarkers: amyloid deposition, neurodegeneration and vascular disease.**
By **Oscar López**, *University of Pittsburgh*.
Moderador / Chair: **Marta Marquié**, *Fundació ACE, Barcelona*.
- 09:00 – 10:00** **Mesa / Panel – Cohortes españolas / Spanish cohorts.**
Moderadores / Chairs: **Óscar López**, *University of Pittsburgh*, **Marta Marquié**, *Fundació ACE, Barcelona*.
- 09:00 – 09:15 **FACEHBI: Fundació ACE Healthy Brain Initiative.**
Gemma Monté, *Fundació ACE, Barcelona*.
- 09:15 – 09:30 **The Vallecas Project: Predicting future development of mild cognitive impairment in the cognitively healthy elderly.**
Bryan Strange, *Director, Dep. Neuroimagen del Centro de Enfermedad de Alzheimer, Fundación Reina Sofía-CIEN, Madrid, Spain*.
- 09:30 – 09:45 **Proyecto Gipuzkoa Alzheimer; estudio Deba; programa GOIZ-Beasain.**
Mikel Tainta, *Center for Research and Advanced Therapies, Fundación CITA-alzheimer Fundazioa, Donostia/San Sebastian*.
- 09:45 – 10:00 **The ALFA Study. First results in a middle-aged cognitively healthy cohort.**
Gonzalo Sánchez Benavides, *Fundación Pasqual Maragall*.
- 10:00 – 10:30** **Hot topic lecture - Subjective Cognitive Decline: a new scope.**
By **Frank Jessen**, *University of Cologne*.
Moderador / Chair: **Octavio Rodríguez**, *Fundació ACE, Barcelona*.
- 10:30 – 11:00** **Pausa Café / Coffee Break**
- 11:00 – 12:00** **Mesa / Panel – Predicción y prevención / Prediction and prevention.**
Moderadores / Chairs: **Frank Jessen**, *University of Cologne*, **Octavio Rodríguez**, *Fundació ACE, Barcelona*.
- 11:00 – 11:15 **Models of Patient Engagement for Alzheimer’s Disease (MOPEAD): estrategias para el diagnóstico precoz en la comunidad.**
Octavio Rodríguez, *Fundació ACE, Barcelona*.
- 11:15– 11:30 **Does the prevalence of MCI decline? Evidence from a prospective, population-based longitudinal study with a follow-up of 25 years.**
Johannes Schroeder, *Universidad de Heilderberg*.
- 11:30 – 11:45 **Using PET imaging to study Alzheimer’s disease pathology: A Role for Lifestyle?**
Annie Cohen, *University of Pittsburgh*.
- 11:45 - 12:00 **Sustaining Brain Health and Promoting Resilience to Prevent Dementia.**
Álvaro Pascual-Leone, *Harvard Medical School, Boston & Institut Guttmann, Barcelona*.
- 12:00 – 12:30** **Hot topic lecture- Presymptomatic brain changes in familial Alzheimer’s disease: implications for prevention trials**
By **Yakeel T. Quiroz**, *Director, Familial Dementia Neuroimaging Lab, Massachusetts General Hospital, Boston*.
Moderador / Chair: **Marcelo Berthier**, *Universidad de Málaga*.
- 12:30 – 13:00** **Mesa / Panel – New approaches on neuropsychology**
Moderadores / Chairs: **Marcelo Berthier**, *Universidad de Málaga*, **Montse Alegret**, *Fundació ACE, Barcelona*.

12:30 – 12:40 **Cambios cerebrales adaptativos o compensatorios en la organización del lenguaje en el envejecimiento.**
Marcelo Berthier, *Universidad de Málaga.*

12:40 – 12:50 **The Spanish version of Face-Name Associative Memory Exam (S-FNAME) performance is related to brain amyloid burden in Subjective Cognitive Decline**
Montserrat Alegret, *Fundació ACE, Barcelona.*

12:50 – 13:00 **Accelerated long-term forgetting in asymptomatic individuals at risk of familial and sporadic Alzheimer's disease.**
Chris Butler, *Nuffield Department of Clinical Neurosciences. Oxford University.*

13:00 – 13:30 **Conclusiones finales y escenario futuro / Final remarks and future scope**

Moderadores / Chairs: **Mercè Boada** *Fundació ACE, Barcelona,* **Agustín Ruiz**, *Fundació ACE, Barcelona.*

Oscar Lopez *University of Pittsburgh, Scientific Committee of Fundació ACE.*

Jesús Ávila *Centro de Biología Molecular Severo Ochoa, Madrid. Scientific Committee of Fundació ACE.*

James Becker *University of Pittsburgh. Scientific Committee of Fundació ACE.*

Chet Mathis *University of Pittsburgh. Scientific Committee of Fundació ACE.*

13:30 – 13:45 **Clausura / Closing Ceremony**

By **Lluís Tárraga**, *Fundació ACE, Barcelona* and **Xavier Corbella**, *Vicedecano, Facultat de Medicina de la Universitat Internacional de Catalunya.*