

CTAD

2025

Clinical Trials on Alzheimer's Disease

December 1-4, 2025
San Diego, CA, United States



PRELIMINARY PROGRAM

Montpellier '08 • Las Vegas '09 • Toulouse '10 • San Diego '11 • Monte Carlo '12 • San Diego '13
Philadelphia '14 • Barcelona '15 • San Diego '16 • Boston '17 • Barcelona '18 • San Diego '19 Virtual
'20 • Boston '21 • San Francisco '22 • Boston '23 • Madrid '24

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CTAD 2025

Lifetime Achievement Award

This year the Lifetime Achievement Award in Alzheimer's Disease Therapeutic Research, is awarded to Takeshi Iwatsubo MD, PhD in recognition for his pioneering work in Alzheimer's Disease neuroimaging and neuropathology.



Takeshi IWATSUBO

Director of the National Institute of Neuroscience, National Center of Neurology and Psychiatry, Project Professor of the University of Tokyo.

Chairman of the Japan Society for Dementia Research.

Biography

Trained as a neurologist and neuropathologist, Dr. Iwatsubo has contributed to the study of human neurodegenerative diseases, particularly Alzheimer's and Parkinson's, using multidisciplinary approaches. He demonstrated that Ab42 is the initial species deposited in senile plaque amyloid, elucidated the process of γ -secretase complex formation, and identified phosphorylated α -synuclein as a component of Lewy bodies. He was the Principal Investigator of the Japanese AD Neuroimaging Initiative (J-ADNI) and the Japanese Trial Ready Cohort for Prevention of Alzheimer's Disease (J-TRC), and currently is the PI of the Japanese Registry for AD-DMT. He is the recipient of the MetLife Award for Medical Research (2008), AAIC Lifetime Achievement Award (2010), the Potamkin Prize (2012), and the Medal with Purple Ribbon from the Japanese government (2024).

CTAD 2025

Keynotes



Next Generation Anti-Amyloid Therapies ...Shuttling Past the ARIA Risk

Ronald B. DeMattos, PhD, *Senior Vice President and Chief Scientific Officer for Neurobiologics, Eli Lilly and Company – Indianapolis, IN (United States)*

Ronald B. DeMattos, Ph.D. is a Senior Vice President and Chief Scientific Officer for Neurobiologics at Eli Lilly. Dr. DeMattos received his doctorate in molecular and cellular biochemistry (SUNY – Stony Brook, 1998) and performed a post-doctoral fellowship at Washington University School of Medicine (Holtzman Lab). Dr. DeMattos joined Eli Lilly in 2002 and has since held multiple scientific positions within Neuroscience Discovery over the last 20+ years. He discovered and developed numerous compounds that progressed to clinical studies in Alzheimer's disease patients, including Solanezumab, Donanemab (FDA-approved Kisunla), and Remtturnetug (Phase-3 ongoing). He currently leads multiple discovery projects while managing the Indianapolis Neurodegeneration Discovery group, whose mission is to develop novel first-in-class therapies for neurodegeneration and Alzheimer's disease.



Enhancing Participation of Representative Populations in Alzheimer Disease Clinical Trials

Sid O'Bryant, PhD, *Principal Investigator of the Health & Aging Brain Study, The University of North Texas Health Science Center at Fort Worth – Fort Worth, TX (United States)*

Dr. Sid O'Bryant is the principal investigator of the Health & Aging Brain Study – Health Disparities (HABS-HD), the most comprehensive study of Alzheimer's disease among the three largest racial/ethnic groups in the U.S. ever conducted: African Americans, Hispanics, and non-Hispanic whites. The goal of HABS-HD is to understand the life-course factors—including biological, sociocultural, environmental, and behavioral—that influence Alzheimer's disease risk in later life. This work aims to create population-specific precision-medicine approaches to treat and prevent Alzheimer's disease. Dr. O'Bryant is also a global expert in using blood-based biomarkers to develop precision-medicine strategies for diagnosing and treating Alzheimer's disease, Parkinson's disease, dementia with Lewy bodies, and Alzheimer's disease in adults with Down Syndrome.



From Real World Data to Clinical Trials: The Case for Semaglutide In Alzheimer's Disease

Peter Johannsen, MD, PhD, *International Medical Vice President, Novo Nordisk, Copenhagen (Denmark)*

Dr. Peter Johannsen is a board-certified neurologist with more than 30 years' experience in cognitive neurology and Alzheimer's trials. He joined Clinical Drug Development at Novo Nordisk in 2020. Dr. Johannsen is scientifically responsible for Novo Nordisk's neurology development programs, including Alzheimer's disease. He previously served as senior consultant neurologist at the Memory Clinic, Rigshospitalet, and the National Danish Dementia Research Centre, Copenhagen University Hospital, Denmark, gaining extensive experience from clinical trials in Alzheimer's disease from first-in-human to Phase III. He has published over 100 scientific papers and given more than 300 lectures on Alzheimer's disease treatment. He also served as vice-chairman of the Danish Alzheimer Association and as a board member of the European Alzheimer's Disease Consortium (EADC).

Program at a glance

● Monday, December 1

- 3:45 p.m. Welcome ceremony & CTAD Lifetime Achievement ibn Award Alzheimer's Disease Therapeutic Research
- 4:20 p.m. **KEYNOTE 1:** Enhancing Participation of Representative Populations In Alzheimer Disease Clinical Trials
- 4:45 p.m. LATE BREAKING COMMUNICATIONS
- 6:15 p.m. **SYMPOSIUM 1:** Trontinemab's path to Phase III – From proof-of-concept in the ongoing Brainshuttle™ AD study to the pivotal studies TRONTIER 1 and TRONTIER 2 in people with early-stage symptomatic Alzheimer's disease
- 7:00 p.m. CTAD WELCOME RECEPTION with the Support of the Alzheimer's Association

● Tuesday, December 2

- 7:30 a.m. POSTER WALKING TOUR
- 8:30 a.m. LATE BREAKING COMMUNICATIONS
- 9:15 a.m. **KEYNOTE 2:** From Real World Data to Clinical Trials: The Case for Semaglutide in Alzheimer's Disease
- 9:40 a.m. ORAL COMMUNICATIONS
- 10:40 a.m. COFFEE BREAK AND POSTER SESSION
- 11:10 a.m. **SYMPOSIUM 2:** The U.S. POINTER Trial: Imaging, neurovascular, and sleep outcomes
- 11:50 a.m. LATE BREAKING COMMUNICATIONS
- 12:50 p.m. LUNCH ON YOUR OWN
- 1:30 p.m. COFFEE BREAK IN THE POSTER HALL
- 1:50 p.m. ORAL COMMUNICATIONS
- 3:20 p.m. **ROUNDTABLE 1:** Charting the Path Forward for Combination Therapy in Alzheimer's Disease: Challenges, Considerations, and Collaborative Solutions
- 4:00 p.m. COFFEE BREAK AND POSTER SESSION
- 4:30 p.m. LATE BREAKING COMMUNICATIONS
- 5:30 p.m. End of the conference day

● Wednesday, December 3

- 7:30 a.m. POSTER WALKING TOUR
- 8:30 a.m. LATE BREAKING COMMUNICATIONS
- 9:30 a.m. **KEYNOTE 3:** Next Generation Anti-Amyloid Therapies ...Shuttling Past the ARIA Risk
- 9:55 a.m. ORAL COMMUNICATIONS
- 10:55 a.m. COFFEE BREAK AND POSTER SESSION
- 11:25 a.m. ORAL COMMUNICATIONS – Emerging Solutions: Novel Approaches to Treating Alzheimer's Disease
- 12:35 p.m. LUNCH ON YOUR OWN
- 1:15 p.m. COFFEE BREAK IN THE POSTER HALL
- 1:30 p.m. **SYMPOSIUM 3:** ALZNET: First Look at Real-World Use of Novel Alzheimer's Disease Therapies in the United States
- 2:10 p.m. LATE BREAKING COMMUNICATIONS
- 3:55 p.m. COFFEE BREAK AND POSTER SESSION
- 4:25 p.m. ORAL COMMUNICATIONS
- 5:10 p.m. **SYMPOSIUM 4:** TOPLINE RESULTS from Evoke and Evoke+: Two Phase 3 Randomized Placebo-Controlled Trials of Semaglutide in Participants with Early-Stage Symptomatic Alzheimer's Disease
- 5:50 p.m. End of the Conference Day

● Thursday, December 4

- 7:30 a.m. POSTER WALKING TOUR
- 8:30 a.m. LATE BREAKING COMMUNICATIONS
- 9:30 a.m. ORAL COMMUNICATIONS – AD CLINICAL TRIALS – PHASE 1
- 10:40 a.m. COFFEE BREAK AND POSTER SESSION
- 11:10 a.m. **SYMPOSIUM 5:** Advancing the Science of Recruitment for Preclinical Alzheimer's Disease Clinical Trials
- 11:50 a.m. ORAL COMMUNICATIONS
- 12:35 p.m. LUNCH ON YOUR OWN
- 1:20 p.m. COFFEE BREAK IN THE POSTER HALL
- 1:35 p.m. LATE BREAKING COMMUNICATIONS
- 2:20 p.m. ORAL COMMUNICATIONS
- 3:50 p.m. COFFEE BREAK AND POSTER SESSION
- 4:20 p.m. ORAL COMMUNICATIONS
- 5:35 p.m. End of the CTAD Conference

Monday, December 1

3:45 p.m.
4:05 p.m.

Welcome ceremony and Introductory Lecture: Alzheimer's Therapeutics: Past, Present, Future

Paul Aisen, USC-ATRI - San Diego (United States)

4:05 p.m.
4:20 p.m.

CTAD Lifetime Achievement Award in Alzheimer's Disease Therapeutic Research

Presented to Takeshi Iwatsubo MD, PhD in recognition for his pioneering work in Alzheimer's Disease Neuroimaging and Neuropathology.

Introduction by the CTAD Organizing Committee

4:20 p.m.
4:45 p.m.

KEYNOTE 1

Enhancing Participation of Representative Populations in Alzheimer Disease Clinical Trials

Sid O'Bryant, The University of North Texas Health Science Center at Fort Worth – Fort Worth, TX (United States)

4:45 p.m.
6:15 p.m.

LATE BREAKING COMMUNICATIONS

6:15 p.m.
7:00 p.m.

SYMPOSIUM 1

Trontinemab's path to Phase III – From proof-of-concept in the ongoing Brainshuttle™ AD study to the pivotal studies TRONTIER 1 and TRONTIER 2 in people with early-stage symptomatic Alzheimer's disease

Chair: Wiesje van der Flier, Alzheimer Center Amsterdam - Amsterdam (The Netherlands)

Presentation 1: Brainshuttle™ AD: New interim results of a randomized, placebo-controlled Phase Ib/IIa proof-of-concept study with trontinemab, a novel anti-amyloid monoclonal bispecific antibody for the treatment of Alzheimer's disease

Luka Kulic, F. Hoffmann-La Roche Ltd - Basel (Switzerland)

Presentation 2: TRONTIER 1 and 2: Rationale and design of two identical Phase III trials to assess the efficacy and safety of trontinemab in early symptomatic Alzheimer's disease

Catherine Mummery, Queen Square Institute of Neurology, UCL – London (United Kingdom)

Presentation 3: The TRAVELLER master pre-screener protocol: An approach to reduce participant burden and broaden access to clinical trials in Alzheimer's disease

Christopher Lane, Roche Products Ltd - Welwyn Garden City (United Kingdom)

7:00 p.m.
8:00 p.m.

CTAD WELCOME RECEPTION with the Support of the Alzheimer's Association



Tuesday, December 2

7:30 a.m.
8:30 a.m.

POSTER WALKING TOUR

8:30 a.m.
9:15 a.m.

LATE BREAKING COMMUNICATIONS

9:15 a.m.
9:40 a.m.

KEYNOTE 2

From Real World Data to Clinical Trials: The Case for Semaglutide in Alzheimer's Disease

Peter Johannsen, Novo Nordisk - Copenhagen (Denmark)

9:40 a.m.
10:40 a.m.

ORAL COMMUNICATIONS

OC1 – The effect of herpes zoster vaccination at different stages of the dementia disease course: Implications for defining the study population of clinical trials

Min Xie¹, Markus Eytting¹, Christian Bommer¹, Haroon Ahmed², Pascal Geldsetzer¹

¹Stanford University - Stanford (United States), ²Cardiff University - Cardiff (United Kingdom)

9:55 a.m.

OC2 – CSF MTBR-tau243 improves prediction of longitudinal clinical progression and trial efficiency in early Alzheimer's disease

Viswanath Devanarayan¹, Todd Nelson¹, Thomas Doherty², Erica Andreozzi¹, Kristin Wildsmith¹, Pallavi Sachdev¹, Kanta Horie¹, Arnaud Charil¹, Harald Hampel¹, Lynn Kramer¹, Shobha Dhadda¹, Michael Irizarry¹

¹Eisai Inc. - Nutley (United States), ²Eisai Inc. - Hatfield (United Kingdom)

10:10 a.m.

OC3 – Biological staging of Alzheimer's disease using blood-based biomarkers

Gemma Salvadó^{1,2}, Kanta Horie^{3,4,5}, Nicholas Barthélemy^{3,4}, Suzanne E. Schindler^{4,6}, Shorena Janelidze¹, Anna Orduña Dolado¹, Divya Bali¹, Erik Stomrud^{1,7}, Niklas Mattsson-Carlsson^{1,8,9}, Sebastian Palmqvist^{1,7}, Jacob W. Vogel¹⁰, Randall J. Bateman^{3,4,6,11}, Rik Ossenkoppele^{1,12,13}, Oskar Hansson¹

¹Clinical Memory Research Unit, Department of Clinical Sciences Malmö, Lund University, - Lund (Sweden), ²Barcelonaβeta Brain Research Center (BBRC), Pasqual Maragall Foundation - Barcelona (Spain), ³The Tracy Family SILQ Center, Washington University School of Medicine - St Louis (United States), ⁴Department of Neurology, Washington University School of Medicine - St Louis (United States), ⁵Eisai Inc. - Nutley (United States), ⁶Charles F. and Joanne Knight Alzheimer Disease Research Center, Washington University School of Medicine - St Louis (United States), ⁷Memory Clinic, Skåne University Hospital - Malmö (Sweden), ⁸Wallenberg Center for Molecular Medicine, Lund University - Lund (Sweden), ⁹Department of Neurology, Skåne University Hospital - Lund (Sweden), ¹⁰Department of Clinical Sciences Malmö, SciLifeLab, Lund University - Lund (Sweden), ¹¹Hope Center for Neurological Disorders, Washington University School of Medicine - St Louis (United States), ¹²Alzheimer Center Amsterdam, Neurology, Vrije Universiteit Amsterdam, Amsterdam UMC location VUmc - Amsterdam (Netherlands), ¹³Amsterdam Neuroscience, Neurodegeneration - Amsterdam (Netherlands)

10:25 a.m.

OC4 – The SMART-HS Study: A Targeted Therapeutic Strategy for LATE Disease

E. Pinar Coskun¹, Ahmed Bahrani¹, Lauren Bojarski¹, Justin Barber¹, Danica Coy¹, Emily Smith¹, Molly Harper¹, Alexandra Curtis¹, Erin Abner¹, Brian Gold¹, Linda Van Eldik¹, Peter Nelson¹, Gregory Jicha¹

¹University of Kentucky - Lexington (United States)

10:40 a.m.
11:10 a.m.

COFFEE BREAK AND POSTER SESSION

11:10 a.m.
11:50 a.m.

SYMPOSIUM 2

The U.S. POINTER Trial: Imaging, neurovascular, and sleep outcomes

Chair: Susan Landau, UC Berkeley - Berkeley (United States)

Presentation 1: U.S. POINTER Trial Outcomes: Results of the Imaging Ancillary Study

Susan Landau, UC Berkeley - Berkeley (United States)

Presentation 2: POINTER-NV: Results of the U.S. POINTER Neurovascular Ancillary Study

Tina E. Brinkley, Wake Forest University School of Medicine - Winston-Salem (United States)

Presentation 3: POINTER-zzz: Results of the U.S. POINTER Sleep Ancillary Study

Laura D. Baker, Wake Forest University School of Medicine - Winston-Salem (United States)

Tuesday, December 2

11:50 a.m.
12:50 p.m.

LATE BREAKING COMMUNICATIONS

12:50 p.m.
1:30 p.m.

LUNCH ON YOUR OWN

1:30 p.m.
1:50 p.m.

COFFEE BREAK IN THE POSTER HALL

1:50 p.m.
3:20 p.m.

ORAL COMMUNICATIONS

1:50 p.m.

OC5 – The Effects of Lecanemab Treatment on Soluble CSF A β Protofibrils in Clarity AD

Kanta Horie¹, Akihiko Koyama¹, Pallavi Sachdev¹, Kazuyoshi Shuta², Kazuhiro Tahara², Michio Kanekiyo¹, Shobha Dhadda¹, Larisa Reyderman¹, Steven Hersch¹, Michael Irizarry¹, Lynn Kramer¹

¹Eisai Inc. - Nutley (United States), ²Eisai Co., Ltd. - Tsukuba (Japan)

2:05 p.m.

OC6 – Impact of a 10-Year Multidomain Lifestyle Intervention on Long-Term Risks for Cognitive Impairment: The Look AHEAD Program

Mark Espeland¹, Rebecca Neiberg¹, Haiying Chen¹, Stephen Rapp¹, Bonnie Sachs¹, Chinedu Udeh-Momoh¹, Laura Baker¹, Kathleen Hayden¹, Denise Houston¹, Jose Luchsinger², Rena Wing³, Sevil Yasar⁴, Lynne Wagenknecht¹

¹Wake Forest University School of Medicine - Winston Salem (United States), ²Columbia University Irving Medical Center - New York (United States), ³The Miriam Hospital - Providence (United States), ⁴Johns Hopkins School of Medicine - Baltimore (United States)

2:20 p.m.

OC7 – Outcomes from the BetterBrains Trial, a multi-domain, person-centred, dementia risk factor management randomised controlled trial to prevent cognitive decline

Emily Rosenich¹, Darshini Ayton¹, Stephanie Pirotta¹, Hannah Cummins¹, Maya Norfolk¹, Nawaf Yassi², Shantha Rajaratnam¹, Richard Sinnott², Matthew Pase¹, Amy Brodtmann¹, Ashley Bush³, Leonid Churilov², Anna Barker¹, Paul Maruff⁴, Yen Ying Lim¹

¹Monash University - Melbourne (Australia), ²University of Melbourne - Melbourne (Australia), ³Florey Institute - Melbourne (Australia), ⁴Cogstate Ltd - Melbourne (Australia)

2:35 p.m.

OC8 – Quantifying tau knockdown in individuals with Alzheimer's Disease receiving intrathecal tau MAPT antisense oligonucleotide NIO752 using Stable Isotope Labelling Kinetics (SILK) – interim analysis of a phase 1B randomised, double-blinded, placebo-controlled, multicentre trial

Aram Aslanyan^{1,2}, Chihiro Sato^{3,4}, Donald Elbert⁵, Catherine Mummery^{1,2}, Nupur Ghoshal³, Eric Mcdade³, Randall Bateman^{3,4,6}, Ross Paterson^{1,2,4,7}

¹Dementia Research Centre, UCL Queen Square Institute of Neurology, University College London - London (United Kingdom), ²National Hospital for Neurology and Neurosurgery - London (United Kingdom), ³Department of Neurology, Washington University School of Medicine in St Louis - St. Louis (United States), ⁴The Tracy Family Stable Isotope Labeling Quantitation Center, Washington University School of Medicine, Washington University in St. Louis - St. Louis (United States), ⁵Department of Neurology, University of Washington - Seattle (United States), ⁶Dominantly Inherited Alzheimer Network, Washington University in St. Louis - St. Louis (United States), ⁷Darent Valley Hospital - Dartford (United Kingdom)

2:50 p.m.

OC9: Insights into Clinical Trial Recruitment: An Analysis of Prescreening Data from the AHEAD Study

Dylan Kirn^{1,2}, Shunran Wang³, Karin Ernstrom³, Joshua D. Grill^{4,5}, Gustavo Jimenez-Maggiora³, Doris Molina-Henry³, Paul Aisen³, Reisa Sperling^{1,2}, Rema Raman³

¹Department of Neurology, Brigham and Women's Hospital - Boston (United States), ²Department of Neurology, Massachusetts General Hospital - Boston (United States), ³Alzheimer's Therapeutic Research Institute, University of Southern California - San Diego (United States), ⁴Institute for Memory Impairments and Neurological Disorders, University of California Irvine - Irvine (United States), ⁵Department of Psychiatry and Human Behavior, University of California Irvine - Irvine (United States)

3:05 p.m.

OC10: Results from the open-label extension period of TOGETHER, a Phase II study evaluating efficacy, safety and tolerability of bepranemab in prodromal-mild Alzheimer's disease

William Byrnes¹, Irene Rebollo Mesa², Tim Buchanan³, Bart Van Den Steen³, Hans Van Tricht³, Katie Taiyari⁴, Omobola Famodimu⁵, Jos Bloemers⁶, Saori Shimizu⁷, Ute Massow⁸, Ralph P. Maguire³, Colin Ewen⁴

¹UCB - Raleigh (United States), ²UCB - Madrid (Spain), ³UCB - Braine-L'alleud (Belgium), ⁴UCB - Slough (United Kingdom), ⁵UCB - Oakville (Canada), ⁶UCB - Breda (Netherlands), ⁷UCB - Brussels (Belgium), ⁸UCB - Monheim Am Rhein (Germany)

● Tuesday, December 2

3:20 p.m.

4:00 p.m.

ROUNDTABLE 1

Charting the Path Forward for Combination Therapy in Alzheimer's Disease: Challenges, Considerations, and Collaborative Solutions

Chair: Howard Fillit, Alzheimer's Drug Discovery Foundation - New York City (United States)

Presentation 1: Add-On Combination Therapy with Monoclonal Antibodies: Implications for Drug Development

Jeffrey Cummings, Chambers-Grundy Center for Transformative Neuroscience, Department of Brain Health, School of Integrated Health Sciences, UNLV - Las Vegas, (United States)

Presentation 2: Considerations in the Development and Use of Biomarkers for Combination Therapy in Alzheimer's Disease

Suzanne Schindler, Knight Alzheimer's Disease Research Center, Washington University School of Medicine – St. Louis (United States)

Presentation 3: Regulatory Perspective on Future Combination Trials

Billy Dunn, Prothena Biosciences Inc, - Brisbane (United States)

Discussion: Jeffrey Cummings (Moderator)¹, Suzanne Schindler², Billy Dunn³, Howard Fillit⁴, Szofia Bullain⁵

¹Chambers-Grundy Center for Transformative Neuroscience, Department of Brain Health, School of Integrated Health Sciences, University of Nevada at Las Vegas, Las Vegas, NV, United States; ²Department of Neurology, Knight Alzheimer's Disease Research Center, Washington University School of Medicine, St. Louis, MO, United States; ³Prothena Biosciences Inc, - Brisbane, CA, United States; ⁴Alzheimer's Drug Discovery Foundation, New York, NY, United States; ⁵Biogen, Cambridge, MA, United States.

4:00 p.m.

4:30 p.m.

COFFEE BREAK AND POSTER SESSION

4:30 p.m.

5:30 p.m.

LATE BREAKING COMMUNICATIONS

5:30 p.m.

END OF THE CONFERENCE DAY

● Wednesday, December 3

7:30 a.m.
8:30 a.m.

POSTER WALKING TOUR

8:30 a.m.
9:30 a.m.

LATE BREAKING COMMUNICATIONS

9:30 a.m.
9:55 a.m.

KEYNOTE 3

Next Generation Anti-Amyloid TherapiesShuttling Past the ARIA Risk

Ronald B. DeMattos, *Eli Lilly and Company – Indianapolis, IN (United States)*

9:55 a.m.
10:55 a.m.

ORAL COMMUNICATIONS

9:55 a.m.

OC11: Combining endogenous CSF MTBR-tau243 and plasma pTau217 enhances prediction of continuous regional tau PET burden in amyloid-positive early Alzheimer's disease

Viswanath Devanarayan¹, **Thomas Doherty**², **Erica Andreozzi**¹, **Kristin Wildsmith**¹, **Pallavi Sachdev**¹, **Kanta Horie**¹, **Arnaud Charil**¹, **Harald Hampel**¹, **Lynn Kramer**¹, **Shobha Dhadha**¹, **Michael Irizarry**¹

¹Eisai Inc. - Nutley (United States), ²Eisai Inc. - Hatfield (United Kingdom)

10:10 a.m.

OC12: Brain volume changes with gantenerumab: relationship with amyloid removal

Matteo Tonietto¹, **Erica Silvestri**^{1,2}, **Christopher Belder**^{3,4}, **Frederik Barkhof**^{3,5}, **Nick Fox**³, **Janice Smith**⁶, **Gregory Klein**¹

¹Neuroscience and Rare Diseases, Roche Pharma Early Research and Development, F. Hoffmann-La Roche Ltd - Basel (Switzerland), ²A*P Consulting Ltd - Sandwich (United Kingdom), ³Dementia Research Centre, UCL Queen Square Institute of Neurology - London (United Kingdom), ⁴Department of Neurology, Royal Adelaide Hospital and Queen Elizabeth Hospital - Adelaide (Australia), ⁵Department of Radiology & Nuclear Medicine - Amsterdam (Netherlands), ⁶Roche Products Ltd - Welwyn Garden City (United Kingdom)

10:25 a.m.

OC13: Head-to-head comparison of SWI and T2*-weighted gradient echo MRI sequences to detect ARIA-H in the TRAILBLAZER-ALZ 6 trial of donanemab

Diana Svaldi¹, **Alessandro Biffi**¹, **Hong Wang**¹, **Emel Serap Nery**¹, **Chuning Gao**¹, **Ming Lu**¹, **Emily Collins**¹, **Karolina Feakins**¹, **Sergey Shcherbinin**¹, **Dawn Brooks**¹, **John Sims**¹

¹Eli Lilly and Company - Indianapolis (United States)

10:40 a.m.

OC14: Longitudinal trajectories of plasma p tau217 in cognitively unimpaired older adults using a fully automated platform

Marisa N. Denlinger¹, **Sterling C. Johnson**², **Alpana Singh**¹, **Taina Marques**¹, **Rachael E. Wilson**², **Ramiro E. Rea Ryes**², **Antoine Leuzy**¹, **Valentina Ghisays**³, **Robert C. Alexander**³, **Reisa A. Sperling**⁴, **Keith A. Johnson**⁵, **Paul A. Aisen**⁶, **Jessica B. Langbaum**³, **Eric M. Reiman**³, **Nicholas J. Ashton**³

¹Banner Sun Health Research Institute - Sun City (United States), ²Wisconsin Alzheimer's Disease Research Center, University of Wisconsin-Madison - Madison (United States), ³Banner Alzheimer's Institute - Phoenix (United States), ⁴Department of Neurology, Massachusetts General Hospital, Harvard Medical School, - Boston (United States), ⁵Center for Alzheimer Research and Treatment, Department of Neurology, Brigham and Women's Hospital - Boston (United States), ⁶Alzheimer's Therapeutic Research Institute, University of Southern California - San Diego (United States)

10:55 a.m.
11:25 a.m.

COFFEE BREAK AND POSTER SESSION

11:25 a.m.
12:35 p.m.

ORAL COMMUNICATIONS – Emerging Solutions: Novel Approaches to Treating Alzheimer's Disease

Introduction by Chair: **Howard Fillit**, Alzheimer's Drug Discovery Foundation, New York, NY (United States)

11:35 a.m.

OC15: Protein-based Diagnosis and Analysis of Co-pathologies Across Neurodegenerative Diseases: Large-Scale AI-Boosted CSF and Plasma Proteomic Classifier

Ying Xu^{1,2}, **Daniel Western**^{1,2}, **Gyujin Heo**^{1,2}, **Kwangsik Nho**³, **Hamilton Oh**⁴, **Yike Chen**^{1,2}, **Menghan Liu**^{1,2}, **Katherine Gong**¹, **Agustin Ruiz**^{5,2}, **Maria Victoria Fernández**^{6,1}, **David Bennett**^{7,6,8}, **Tony Wyss-Coray**⁹, **Muhammad Ali**^{1,2}, **Carlos Cruchaga**^{1,2}

¹Department of Psychiatry, Washington University School of Medicine - St Louis (United States), ²NeuroGenomics and Informatics Center, Washington University School of Medicine - St Louis (United States), ³Indiana University School of Medicine - Indianapolis (United States), ⁴Icahn School of Medicine at Mount Sinai - New York (United States), ⁵Ace Alzheimer Center Barcelona - Barcelona (Spain), ⁶CIBERNED, National Institute of Health Carlos III - Madrid (Spain), ⁷Rush Alzheimer's Disease Center, Rush University Medical Center - Chicago (United States), ⁸Glenn Biggs Institute for Alzheimer's & Neurodegenerative Diseases, University of Texas Health Science Center, - San Antonio (United States), ⁹Wu Tsai Neurosciences Institute, Stanford University - California (United States)

● Wednesday, December 3

11:50 a.m.

OC16: Identifying and stratifying Alzheimer's disease using circular RNA biomarkers in blood

Bridget Phillips^{1, 2, 3}, **Jessie Sanford**^{1, 2, 3}, **Devin Dikec**^{1, 2, 3}, **Menghan Liu**^{1, 2, 3}, **Matt Johnson**^{1, 2, 3}, **John Budde**^{1, 2, 3}, **John Morris**^{4, 5, 6}, **Nikolaos Mellios**⁷, **Alison Goate**⁸, **Alan Renton**⁸, **Dominantly Inherited Alzheimer Network Consortia**⁹, **Richard Perrin**^{4, 5, 6}, **Laura Ibanez**^{1, 2, 4}, **Carlos Cruchaga**^{2, 1, 3}

¹Department of Psychiatry, Washington University School of Medicine - St. Louis (United States), ²NeuroGenomics and Informatics Center, Washington University School of Medicine - St. Louis (United States), ³Hope Center for Neurological Disorders, Washington University School of Medicine - St. Louis (United States), ⁴Department of Neurology, Washington University School of Medicine - St. Louis (United States), ⁵Department of Pathology and Immunology, Washington University School of Medicine - St. Louis (United States), ⁶Knight Alzheimer Disease Research Center, Washington University School of Medicine - St. Louis (United States), ⁷Circular Genomics Inc - San Diego (United States), ⁸Department of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai - New York (United States), ⁹Dominantly Inherited Alzheimer Network (DIAN) - St. Louis (United States)

12:05 p.m.

OC17: Large-scale Plasma Proteomic Profiling Unveils Diagnostic Biomarkers and Pathways for Alzheimer's Disease

Heo Gyuin¹, **Ying Xu**¹, **Jigyasha Timsina**¹, **Daniel Western**¹, **Carlos Cruchaga**¹

¹Washington University - Saint Louis (United States)

12:20 p.m.

OC18: Biomarkers Associated with Response to Treatment of Early Stage AD with Pepinemab, Anti-SEMA4D Blocking Antibody

Maurice Zauderer¹, **Elizabeth Evans**¹, **Terrence Fisher**¹, **Vikas Mishra**¹, **Leslie Balch**¹, **Elaine Gersz**¹, **John Leonard**¹, **Crystal Mallow**¹, **Anton Porsteinsson**², **Raymond Turner**³, **John Huffaker**⁴

¹Vaccinex, Inc. - Rochester (United States), ²University of Rochester - Rochester (United States), ³Georgetown University - Washington, Dc (United States), ⁴Neuropsychiatric Research Center - Southwest Florida (United States)

12:35 p.m.

1:15 p.m.

LUNCH ON YOUR OWN

1:15 p.m.

1:30 p.m.

COFFEE BREAK IN THE POSTER HALL

1:30 p.m.

2:10 p.m.

SYMPOSIUM 3

ALZNET: First Look at Real-World Use of Novel Alzheimer's Disease Therapies in the United States

Chair: **Reisa Sperling**, *Brigham and Women's Hospital - Massachusetts General Hospital - Boston (United States)*

Presentation 1: ALZNET: An Update on Registry Growth and Collaborations

Maria C. Carrillo, *Alzheimer's Association - Chicago (United States)* on behalf of the ALZ-NET Study Team

Presentation 2: The ALZ-NET patient population: Demographics, Genetics and Biomarker Testing

Gil D. Rabinovici, *Memory and Aging Center, UCSFR - San Francisco (United States)* on behalf of the ALZ-NET Study Team

Presentation 3: Longitudinal assessment of clinical and safety outcomes in participants receiving beta-amyloid targeting monoclonal antibodies: Real world therapy data from ALZ-NET

Michael S. Rafii, *USC-ATRI - San Diego (United States)* on behalf of the ALZ-NET Study Team

2:10 p.m.

3:55 p.m.

LATE BREAKING COMMUNICATIONS

3:55 p.m.

4:25 p.m.

COFFEE BREAK AND POSTER SESSION

● Wednesday, December 3

4:25 p.m.
5:10 p.m.

ORAL COMMUNICATIONS

OC19: Alpha-Synuclein Detection: A Versatile EV-Based Plasma Assay for Detecting Modified α -Synuclein in Synucleinopathies Without Pre-Enrichment

Carine Lim¹, Hui Ling Ko¹, Brian Minie¹, Nicole Tsang¹, Nicholas Ho¹, Huilin Shao¹, Richard Batrla²

¹Sunbird Bio - Singapore (Singapore), ²Sunbird Bio - Cambridge (United States)

4:25 p.m.

4:40 p.m.

OC20: Population characteristics and implications of implementation strategies for blood-based biomarkers in Alzheimer's disease across healthcare settings: Insights from a prospective, global, multicenter study

Imke Kirste¹, Sayuri Hortsch², Craig Ritchie^{3,4}, Jeffery L. Dage^{5,6,7}, Kristian Steen Frederiksen^{8,9}, Marc Suárez-Calvet^{10,11,12}, Marwan N. Sabbagh¹³, Clara Quijano-Rubio¹⁴

¹Roche Diagnostics Solutions - Indianapolis (United States), ²Roche Diagnostics GmbH - Penzburg (Germany), ³Scottish Brain Sciences - Edinburgh (United Kingdom), ⁴Department of Medicine, University of St Andrews - St Andrews (United Kingdom), ⁵Department of Neurology, Indiana University School of Medicine - Indianapolis (United States), ⁶Indiana Alzheimer's Disease Research Center, Indiana University School of Medicine - Indianapolis (United States), ⁷Stark Neurosciences Research Institute, Indiana University School of Medicine - Indianapolis (United States), ⁸Danish Dementia Research Centre, Department of Neurology, Copenhagen University Hospital - Rigshospitalet - Copenhagen (Denmark), ⁹Department of Clinical Medicine, Faculty of Health and Medical Sciences, University of Copenhagen - Copenhagen (Denmark), ¹⁰BarcelonaBeta Brain Research Center (BBRC), Pasqual Maragall Foundation - Barcelona (Spain), ¹¹Hospital del Mar Research Institute - Barcelona (Spain), ¹²Servei de Neurologia, Hospital del Mar - Barcelona (Spain), ¹³Department of Neurology, Barrow Neurological Institute - Phoenix (United States), ¹⁴Roche Diagnostics International Ltd - Rotkreuz (Switzerland)

4:55 p.m.

OC21: Donanemab in Early Symptomatic Alzheimer's Disease: Additional Insights from the TRAILBLAZER-ALZ 2 Long-Term Extension

John Sims

Eli Lilly and Company - Indianapolis (United States)

5:10 p.m.
5:50 p.m.

SYMPOSIUM 4

TOPLINE RESULTS from Evoke and Evoke+: Two Phase 3 Randomized Placebo-Controlled Trials of Semaglutide in participants with Early-Stage Symptomatic Alzheimer's Disease

Jeffrey L. Cummings¹, Alireza Atri^{2,3,4}, Howard H. Feldman⁵, Mary Sano^{6,7}, Wiesje Van Der Flier^{8,9}, Henrik Zetterberg¹⁰, Filip K. Knop¹¹, Peter Johannsen¹¹, Teresa León¹¹, Rikke Mortensen Abschneider¹¹, Philip Scheltens^{12,13}

¹Chambers-Grundy Center for Transformative Neuroscience, Department of Brain Health, Kirk Kerkorian School of Medicine, University of Nevada Las Vegas - Las Vegas (United States), ²Banner Sun Health Research Institute - Sun City (United States), ³Banner Alzheimer's Institute, - Phoenix (United States), ⁴Brigham and Women's Hospital, Harvard Medical School - Boston (United States), ⁵Alzheimer's Disease Cooperative Study, Department of Neurosciences, University of California San Diego - La Jolla (United States), ⁶Icahn School of Medicine at Mount Sinai - New York (United States), ⁷James J Peters, VAMC - Bronx (United States), ⁸Alzheimer Center Amsterdam, Neurology, Vrije Universiteit Amsterdam, Amsterdam UMC - Amsterdam (Netherlands), ⁹Amsterdam Neuroscience, Neurodegeneration, - Amsterdam (Netherlands), ¹⁰Department of Psychiatry and Neurochemistry, Institute of Neuroscience and Physiology, The Sahlgrenska Academy, University of Gothenburg - Mölndal (Sweden), ¹¹Novo Nordisk A/S - Copenhagen (Denmark), ¹²Alzheimer Center, Department of Neurology, Vrije Universiteit Amsterdam - Amsterdam Umc (Netherlands), ¹³EQT Life Sciences - Amsterdam (Netherlands)

5:50 p.m.

END OF THE CONFERENCE DAY

● Thursday, December 4

7:30 a.m.

8:30 a.m.

8:30 a.m.

9:30 a.m.

9:30 a.m.

10:40 a.m.

9:30 a.m.

9:38 a.m.

9:46 a.m.

9:54 a.m.

10:02 a.m.

10:10 a.m.

10:18 a.m.

POSTER WALKING TOUR

LATE BREAKING COMMUNICATIONS

ORAL COMMUNICATIONS – AD CLINICAL TRIALS – PHASE 1 SESSION

OC22: A first-in-human double-blind, placebo-controlled, multiple ascending dose phase 1 study evaluating the safety and pharmacokinetics of PRX005/BMS-986446, a novel anti-MTBR tau monoclonal antibody, in healthy adults and patients with Alzheimer's disease

David P. Walling¹, Ferenc Martenyi², Brian Campbell², Jun Lee², Philip Dolan², Donna Masterman², Chad Swanson², Mark Thomas³, Min Chen³, Aditi Shahane³, Nicholas Colletti³, Nanette Hock³, Ilena George³

¹CenExel - Los Alamitos (United States), ²Prothena - Brisbane (United States), ³Bristol Myers Squibb - Princeton (United States)

OC23: First-in-Human Study of ADEL-Y01, a Monoclonal Antibody Targeting Acetylated Tau (acK280) in the MTBR: Safety and Pharmacokinetics in Healthy Adults and Early Alzheimer's Disease

Min-Seok Kim^{1,2}, Yuna Oh¹, Sungsil Lee³, Kyung-Hoon Hwang¹, Young-Soo Sohn¹, Dong-Sik Jung³, Taeyoung Yoon³, Peter J. Winkle⁴, Seung-Yong Yoon^{1,2}

¹ADEL Institute of Science & Technology (AIST), ADEL, Inc. - Seoul (Republic of Korea), ²Department of Brain Science, Asan Medical Center, University of Ulsan College of Medicine - Seoul (Republic of Korea), ³Oscotec Inc. - Gyeonggi-Do (Republic of Korea), ⁴CenExel ACT - Anaheim (United States)

OC24: Amyloid-related imaging abnormalities in an ongoing Phase 1 study of mivelsiran, an investigational RNA interference therapeutic targeting amyloid precursor protein, in patients with Alzheimer's disease

Neal S. Parikh¹, Sharon Cohen², Sandeep Chaudhari¹, Lynn Farugia¹, Andrew H. Ahn¹, Julia Shirvan¹, Steven M. Greenberg³

¹Alnylam Pharmaceuticals, Inc. - Cambridge (United States), ²Toronto Memory Program - Toronto (Canada), ³Harvard Medical School, Massachusetts General Hospital - Boston (United States)

OC25: Results of a Phase 1, randomized, placebo-controlled, double-blind study to evaluate the safety, tolerability, and pharmacokinetics of ascending single IV doses of VY7523, a tau-targeting therapeutic, in healthy adult participants

Elena Ratti¹, Monroe Butler¹, Naomi Muse¹, Sarah Piantedosi¹, Thrusha Chauhan¹, Beth Mellen¹, Joydip Kundu¹, Vik Arora¹, Albenia Patroneva², Maurice Emery², Raj Rajagovindan¹, Toby Ferguson¹, Alfred Sandrock¹

¹Voyager Therapeutics - Lexington (United States), ²Voyager Therapeutics Contractor - Lexington (United States)

OC26: ABCA1-agonist treatment by CS6253 and effects on plasma total and isoform-specific apolipoprotein E in elderly men and women.

Jan Johansson¹, Bengt Winblad², Henrik Zetterberg³, Jeffrey Cummings⁴, Dobrin Nedelkov⁵, Hussein Yassine⁶

¹Artery Therapeutics, Inc. - San Ramon (United States), ²Karolinska - Stockholm (Sweden), ³Sahlgrenska - Gothenburg (Sweden), ⁴U of Nevada - Las Vegas (United States), ⁵Isoformix Inc. - Sugarland (United States), ⁶USC - Los Angeles (United States)

OC27: Efficacy and safety of xanomeline and trospium chloride for cognitive impairment in Alzheimer's disease (MINDSET-1 and MINDSET-2)

Jeffrey L. Cummings¹, William P. Horan^{2,3}, Dongmei Liu³, Jessica Stanek³, Codrin Lungu³

¹University of Nevada - Las Vegas (United States), ²University of California - Los Angeles (United States), ³Bristol Myers Squibb - Princeton (United States)

OC28: SToMP and STAMINA Clinical Trials of Senolytics in Alzheimer's Disease Treatment and Prevention

Miranda E. Orr, Washington University in St Louis - St. Louis (United States)

● Thursday, December 4

10:26 a.m.

OC29: Pleiotropic Effects of the CNS-Selective M1 Muscarinic Agonist NSC001: From Rapid Symptomatic Relief to Long-Term Disease Modification in Alzheimer's Disease (AD)

Manfred Windisch¹, Abraham Fisher²

¹NSC-Therapeutics GmbH - St. Radegund (Austria), ²ADPD - Holon (Israel)

10:40 a.m.

11:10 a.m.

COFFEE BREAK AND POSTER SESSION

11:10 a.m.

11:50 a.m.

SYMPOSIUM 5

Advancing the Science of Recruitment for Preclinical Alzheimer's Disease Clinical Trials

Chair: Paul Aisen, USC-ATRI - San Diego (United States)

Presentation 1: Impact of upcoming FDA enrollment requirements on recruitment for Alzheimer's disease clinical trials

Lowell Schiller, Schaeffer Institute for Public Policy & Government Service – Washington, DC (United States)

Presentation 2: Recruitment and screening in TRAILBLAZER-ALZ 3: A decentralized study of donanemab in preclinical Alzheimer's disease

Karen C. Holdridge, Eli Lilly & Company – Indianapolis (United States)

Presentation 3: Building a scalable and efficient recruitment funnel for preclinical Alzheimer's disease: The AHEAD 3-45 model

Rema Raman, USC-ATRI, San Diego (United States)

11:50 a.m.

12:35 p.m.

ORAL COMMUNICATIONS

11:50 a.m.

OC30: Interim analysis of post-marketing observational study of lecanemab in Japan

Iwata Atsushi¹, Sakata Yukinori², Koizumi Kinuyo², Endo Akira², Kuang Weijie², Sumitomo Kenta², Ishii Mika²

¹Tokyo Metropolitan Institute for Geriatrics and Gerontology - Tokyo (Japan), ²Eisai Co., Ltd. - Tokyo (Japan)

12:05 p.m.

OC31: Completion of a Phase 2 trial evaluating safety and efficacy of the synaptic regenerative small molecule SPG302 in participants with mild-to-moderate Alzheimer's disease

Bruce Brew¹, Lauren Priest², Aimee Cazyer², Valerie Bramah³, Peter Vanderklisch⁴, Craig Erickson⁴, Sharron Gargosky⁴, Stella Saraff⁴

¹St Vincent's Hospital Sydney - Darlinghurst Nsw (Australia), ²Flinders Medical Centre - Bedford Park Sa (Australia), ³Flinders Medical Centre - Darlinghurst Nsw (Australia), ⁴Spinogenix - Los Angeles (United States)

12:20 p.m.

OC32: Breaking barriers in early Alzheimer's disease diagnosis: The power of the in vitro diagnostic Elecsys pT181p immunoassay in a population reflective of real-world clinical practice

Sayuri Hortsch¹, David Caley², Patrick Menzel¹, Christopher Rowe³, Mark Rapp⁴, Dag Aarlsand⁵, Anna D Burke⁶, Clara Quijano-Rubio⁷

¹Roche Diagnostics GmbH - Penzberg (Germany), ²Roche Diagnostics Limited - Burgess Hill (United Kingdom), ³Australian Dementia Network Ltd - Melbourne (Australia), ⁴Berman Clinical - New York (United States), ⁵Kings College Hospital - London (United Kingdom), ⁶Barrow Neurological Institute - Phoenix (United States), ⁷Roche Diagnostics International Ltd - Rotkreuz (Switzerland)

12:35 p.m.

1:20 p.m.

LUNCH ON YOUR OWN

1:20 p.m.

1:35 p.m.

COFFEE BREAK IN THE POSTER HALL

Thursday, December 4

1:35 p.m.
2:20 p.m.

LATE BREAKING COMMUNICATIONS

2:20 p.m.
3:50 p.m.

ORAL COMMUNICATIONS

2:20 p.m.

OC33: Effects of Semaglutide on Alzheimer's Disease-Related Biological Processes: Results from a Biofluid Biomarker and Multiomics Immunophenotyping Phase 3 Study in Patients with Early Alzheimer's Disease After 12 Weeks of Treatment

Kristian Steen Frederiksen^{1,2}, Marie Aare Bentsen³, Dylan Mathew Belmont-Rausch³, Lisbeth Carstensen³, Brian Cutler⁴, Redwan Farooq⁴, Lea Hildebrandt³, Martí Jiménez-Mausbach³, Peter Johannsen³, Gabriel Martino³, Joseph Poley-Wolf³, Amaya Zaratiegui³, Giovanni B Frisoni^{5,6}, Kathrine E Attfield⁴, Lotte Bjerre Knudsen³

¹Danish Dementia Research Centre, Department of Neurology, Copenhagen University Hospital - Rigshospitalet - Copenhagen (Denmark), ²Department of Clinical Medicine, University of Copenhagen - Copenhagen (Denmark), ³Novo Nordisk - Copenhagen (Denmark), ⁴Oxford Centre for Neuroinflammation, Nuffield Department of Clinical Neurosciences, John Radcliffe Hospital, University of Oxford - Oxford (United Kingdom), ⁵Geneva Memory Center, Geneva University Hospitals - Geneva (Switzerland), ⁶Laboratory of Neuroimaging of Aging (LANVIE), University of Geneva - Geneva (Switzerland)

2:35 p.m.

OC34: The MultiTEP-based vaccine, AV-1959R, safely elicits high concentrations of antibodies specific to A β 42 protofibrils/fibrils/plaques in vaccinated healthy volunteers.

Michael Agadjanyan¹, Lon Schneider², Alex Grinberg³, Anahit Ghochikyan⁴

¹Nuravax, Inc./Institute for Molecular Medicine - Irvine (United States), ²USC Keck School of Medicine - Los Angeles (United States), ³Arvax, Inc. - Adelaide (Australia), ⁴Institute for Molecular Medicine/Nuravax, Inc. - Huntington Beach (United States)

2:50 p.m.

OC35: Clinical Performance of the Elecsys CSF pTau181/A β 42 Ratio for Concordance with Tau-PET in Two Independent Cohorts

Ruben Smith¹, Leslie Shaw², Sebastian Palmqvist¹, Niklas Mattsson-Carlgrén¹, Gregory Klein³, Matteo Tonietto³, Clara Quijano-Rubio⁴, Christopher M. Rank⁵, Myrto Andreadou⁴, Samantha C. Burnham⁶, Erik Stomrud¹

¹Clinical Memory Research Unit, Department of Clinical Sciences Malmö, Lund University, Lund, Sweden Memory Clinic, Skåne University Hospital, Malmö, Sweden - Lund, Malmö (Sweden), ²Department of Pathology and Laboratory Medicine and the PENN Alzheimer's Disease Research Center, Center for Neurodegenerative Research, Perelman School of Medicine, University of Pennsylvania, PA, United States - Philadelphia (United States), ³Research and Early Development (pRED), F. Hoffmann-La Roche Ltd, Basel, Switzerland - Basel (Switzerland), ⁴Roche Diagnostics International Ltd, Rotkreuz, Switzerland - Rotkreuz (Switzerland), ⁵Roche Diagnostics GmbH, Penzberg, Germany - Penzberg (Germany), ⁶Eli Lilly and Company, Indianapolis, IN, United States - Indianapolis (United States)

3:05 p.m.

OC36: Biomarkers of Cognitive Performance in Alzheimer's Disease in Adults with Down Syndrome

Jason Russell¹, Zinayida Schlachetzki¹, Alexander Conley², Brian Boyd², Paul Newhouse², Michael Rafii¹

¹Alzheimer's Therapeutic Research Institute, University of Southern California - San Diego (United States), ²Center for Cognitive Medicine, Vanderbilt University Medical Center - Nashville (United States)

3:20 p.m.

OC37: The associations between cognitive deficits and the location of tau tangles and their consistency across clinical and observational datasets

Xingjian Zhang¹, Ritobrato Datta¹, Maggie Fedgchin², Jennifer Bogert³, Janice Wong⁴, David Henley², Gayle Wittenberg², Ziad S. Saad¹

¹Johnson & Johnson - San Diego (United States), ²Johnson & Johnson - Titusville (United States), ³Johnson & Johnson, NJ - Raritan (United States), ⁴Johnson & Johnson - Cambridge (United States)

3:35 p.m.

OC38: Strategies for Increased Representation in Trials from The NIA Health and Aging Brain Study

Charisse Winston, University of Southern California - San Diego (United States)

3:50 p.m.
4:20 p.m.

COFFEE BREAK AND POSTER SESSION

Thursday, December 4

4:20 p.m.
5:50 p.m.

ORAL COMMUNICATIONS

4:20 p.m.

OC39: Estimated budget impact of a screening and treatment program for preclinical Alzheimer's disease in the U.S. over 15 years

Soeren Mattke¹, Jiahe Chen¹, Eric Reiman²

¹University of Southern California - Los Angeles (United States), ²Banner Alzheimer's Institute - Phoenix (United States)

4:35 p.m.

OC40: Long-Term Nicotine Treatment of Mild Cognitive Impairment: The MIND Trial

Paul Newhouse¹, Rema Raman², Brenda Armenta², Michael C. Donohue², Michael S. Rafii², Robert A. Rissman², Edward Levin³, Kenneth Kellar⁴, Andrew Saykin⁵, Julie Dumas⁶, Patricia Andrews¹, Rachel Tyndale⁷, Brian Boyd¹, Paul Aisen²

¹Vanderbilt University Medical Center - Nashville (United States), ²University of Southern California - San Diego (United States), ³Duke University - Durham (United States), ⁴Georgetown University - Washington, Dc (United States), ⁵Indiana University - Indianapolis (United States), ⁶University of Vermont - Burlington (United States), ⁷University of Toronto - Toronto (Canada)

4:50p.m.

OC41: Impact of Nutrition, Sleep and Physical Activity on Preservation of Intellectual Function in Older Frailty Adults (INSPIOR): A Randomized Controlled Trial

Sakurai Keisuke¹, Izumi Shiraishi¹, Ryo Tanaka¹, Miwa Watanabe¹, Momoko Funakawa¹, Saori Shimada¹, Tomoko Kawaaura¹, Toshiyuki Nomura², Fuka Aoki³, Takashi Matsumoto³, Yukihiro Sugawara³, Hiroki Kayama⁴, Joseph Ledsam⁴, Shin'ichi Warisawa¹, Tatsuhiro Hisatsune¹

¹The University of Tokyo - Kashiwa (Japan), ²Mitsui Fudosan, Co., Ltd. - Kashiwa (Japan), ³NH Foods Ltd. - Tsukuba (Japan), ⁴Google - Tokyo (Japan)

5:05 p.m.

OC42: Mapping the Pathogenesis of Alzheimer's Disease in Down Syndrome: Imaging, Fluid Biomarkers, Cognition, and Sex Differences for Clinical Trial Design

Nazek Queder¹, Iris Chiang¹, Andrew Luu¹, Elizabeth Andrews¹, David Keator², Jenna N. Adams³, Lisa Taylor³, Michael Yassa³, Craig Stark³, Mark Mapstone⁴, Elizabeth Head¹

¹Department of Pathology & Laboratory Medicine, University of California, Irvine - Irvine (United States), ²Department of Psychiatry and Human Behavior, University of California, Irvine - Irvine (United States), ³University of California, Irvine - Irvine (United States), ⁴Department of Neurology, University of California, Irvine - Irvine (United States)

5:20 p.m.

OC43: Considerations for Phase 2 Trials of an A β Vaccine, AV-1959R, for Secondary Prevention of Alzheimer's Disease

Lon Schneider¹, Michael Agadjanyan², Anahit Ghochikyan²

¹Keck School of Medicine of USC - Los Angeles (United States), ²Institute for Molecular Medicine - Huntington Beach (United States)

5:35 p.m.

OC44: Tau positron emission tomography harmonization using the CenTauR approach: general conversion equations and external validation

Alexis Moscoso^{1,2}, Antoine Leuzy^{1,3}, Lau Raket Lars⁴, Victor L. Villemagne^{5,6}, Gregory Klein⁷, Matteo Tonietto⁷, Emily Olafson⁸, Ruben Smith^{9,10}, Fang Xie¹¹, Hartmuth Kolb³, Nadine Tatton¹, Yashmin Karten¹, Christopher C. Rowe^{12,13}, Oskar Hansson^{9,10}, Vincent Doré^{12,14}

¹Critical Path for Alzheimer's Disease (CPAD) Consortium, Critical Path Institute - Tucson (United States), ²Nuclear medicine department and Molecular Imaging Group, Instituto de Investigación Sanitaria de Santiago de Compostela, Travesía da Choupana s/n - Santiago De Compostela (Spain), ³Enigma Biomedical Group - Knoxville (United States), ⁴Eli Lilly and Company - Indianapolis (United States), ⁵Department of Psychiatry, University of Pittsburgh School of Medicine - Pittsburgh (United States), ⁶Department of Molecular Imaging & Therapy, Austin Health - Victoria (Australia), ⁷F. Hoffmann-La Roche Ltd - Basel (Switzerland), ⁸Clinical Imaging Group, Genentech, Inc. - , South San Francisco (United States), ⁹Clinical Memory Research Unit, Department of Clinical Sciences, Lund University - Lund (Sweden), ¹⁰Memory Clinic, Skåne University Hospital - Malmö (Sweden), ¹¹Department of Nuclear Medicine & PET Center, Huashan Hospital, University - Shanghai (China), ¹²Florey Department of Neuroscience, University of Melbourne - Victoria (Australia), ¹³The Australian Dementia Network (ADNeT), The University of Melbourne - Victoria (Australia), ¹⁴Health and Biosecurity Flagship, The Australian eHealth Research Centre, CSIRO - Victoria (Australia)

5:50 p.m.

END OF THE CTAD CONFERENCE

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00283 - Improving insights on disease modification in Alzheimer's disease by including sequential GSTs in the analysis hierarchy

Presenter: Joshua Christensen

Joshua CHRISTENSEN, Daniel SMITH, Kent HENDRIX, Craig MALLINCKRODT, Suzanne HENDRIX, Samuel DICKSON

¹Pentara Corporation, Millcreek, United States

00227 - Memory should be the primary endpoint in early AD

Presenter: Matthias Riepe

Matthias RIEPE, Karolina SEJUNAITE

¹Ulm University, Ulm, Germany

00074 - ALTITUDE-AD: Recruitment strategies for a global phase 2 trial of sabirnetug in early Alzheimer's disease

Presenter: Robyn Moxon

Robyn MOXON ¹, Alyssa CARROLL ¹, Todd FEASTER ¹, Kathy MARCOZZI PIERCE ¹, Maddelyn HYLAND ¹, Siew TIN GAN ¹, Dung TRINH ², Eric SIEMERS ¹

¹Acumen Pharmaceuticals, Inc, Newton, Massachusetts, United States, ²Healthy Brain Research, Long Beach, California, United States

00158 - Study Design of a Multiple Ascending Intravenous Dose Study Evaluating the Safety, Tolerability, Pharmacokinetics of VY7523 in Participants with Early Alzheimer's Disease

Presenter: Monroe Butler

Monroe BUTLER ¹, Naomi MUSE ¹, Sarah PIANTEDOSI ¹, Thrusha CHAUHAN ¹, Beth MELLEN ¹, Charlotte CHUNG ¹, Raj RAJAGOVINDAN ¹, Vik ARORA ¹, Albenia PATRONEVA ², Maury EMERY ², Alfred SANDROCK ¹, Toby FERGUSON ¹, Elena RATTI ¹

¹Voyager Therapeutics, Lexington, United States, ²Voyager Therapeutics Contractor, Lexington, United States

00133 - The PRImus-AD study: design of the phase 2 study treating patients with MCI or mild dementia due to Alzheimer's disease (AD) with the orally available PRI-002

Presenter: Dieter Willbold

Dieter WILLBOLD^{1,2}, Dagmar JÜRGENS ¹, Tischler GERHARD ³, Brener ALEXANDER ³, Bartsch TINA ³, Kauselmann GUNTHER ¹, Adermann KNUT ¹, Zeiger KATHRIN ³, Kindner KATJA ³, Gabelich JULIE-ANNE ³, Peters OLIVER ⁴

¹Priavoid GmbH, Düsseldorf, Germany, ²Heinrich Heine University Düsseldorf, Institute of Physical Biology, Düsseldorf, Germany,

³PRInnovation GmbH, Düsseldorf, Germany, ⁴Charite, Berlin, Germany

00129 - A Phase 3 Clinical Protocol: Placebo-Controlled, Double-Blind, Parallel-Group to Evaluate Safety and Efficacy of NA-831 as Monotherapy and in Combination with Donanemab in Subjects with Early Alzheimer's Disease

Presenter: Lloyd Tran

Lloyd TRAN, Fern VU, Zung TRAN

¹Biomed Industries, Inc., San Jose, United States

00081 - VHB937, a TREM2 stabilizing and activating fully human monoclonal antibody: A Phase 2 study design in Alzheimer's disease and rationale

Presenter: Ana Graf

Ana GRAF ¹, Dominik FEUERBACH ¹, Derya SHIMSHEK ¹, Judit SOVAGO ¹, Gisela PERAUS ¹, Aileen ZHU ², Catherine AGOROPOULOU ¹, Alexandra BOBIRCA ¹, Carmen SERBAN ¹

Novartis Pharma AG, Basel, Switzerland, ²Novartis, Shanghai, China

00096 - Baseline demographics and patient characteristics in a Phase 3 registration trial for AR1001 for the treatment of early Alzheimer's disease: POLARIS-AD

Presenter: Sharon J Sha

Sharon J. SHA ¹, Fernando MELGAR-SOMOZA ², Marzena ZBOCH ³, Do Hoon KIM ⁴, Yi TANG ⁵, Jennifer LYNCH ⁶, Howard CHERTKOW ⁷, Sangyun KIM ⁸, James A. ROCK ⁹, Fred KIM ⁹, Jai Jun CHOUNG ⁹

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00054 - Successful Strategies for Recruitment and Retention as a Foundation for ADRD-focused Clinical Trials in a Rural Cohort

Presenter: Lisa Wiese

Lisa WIESE ¹, Christine WILLIAMS ¹, Diane J. COOK ², Juyoung PARK ³, Jan HOLT ¹, Diana MITSOVA ¹, Sheryl MAGZAMEN ⁴, Lilah BESSER ⁵, Madeline TOURELLE ⁵

¹Florida Atlantic University, Boca Raton, United States, ²Washington State University, Pullman, United States, ³Washington State University, Phoenix, United States, ⁴Colorado State University, Fort Collins, United States, ⁵University of Miami, Miami, United States

00291 - Effect of consenting clinician degree on screen fail rate in Alzheimer's Disease clinical trials

Presenter: Ralph Lee

Yu-Jay HUOH, Razyya ABDULMUMIN, James LUAYON, Dana NGUYEN, Tara PARNITVITHIKUL, Elizabeth SOSA, Edward ZAMRINI, Ralph LEE

¹Irvine Clinical Research, Irvine, United States

00287 - Click or Clinic? Comparing Referral-to-Pre-Screen Attendance Rates Between Digital divertisements and HCP Referrals in Alzheimer's Clinical Trials

Presenter: Thibaud Belleface

Thibaud BELLEFACE, Jeffrey APTER

¹Global Medical Institutes, Princeton, United States

00280 - Minimal clinically important differences are often misapplied and misinterpreted and should be used with caution

Presenter: Patrick O'keefe

Patrick O'KEEFE, Mitchell WASSOM, Kent HENDRIX, Craig MALLINCKRODT, Suzanne HENDRIX, Samuel DICKSON

¹Pentara, Millcreek, United States

00095 - Rethinking Interim Analyses: When and Why to Avoid Them

Presenter: Samuel Johnson

Samuel JOHNSON, Katelyn MILLER, Kent HENDRIX, Craig MALLINCKRODT, Suzanne HENDRIX, Samuel DICKSON

¹Pentara Corporation, Millcreek, United States

00124 - Improving Study Power Through Continuous Modeling of a Global Treatment Effect Versus Composite Responder Analysis

Presenter: Abe Durrant

Abe DURRANT ¹, Andrew MILLANE ¹, Craig MALLINCKRODT ¹, Kent HENDRIX ¹, Suzanne HENDRIX ¹, Samuel DICKSON ¹

¹Author, Salt Lake City, United States

00143 - Feasibility of Participants with Symptomatic Alzheimer's Disease to Self-Administer Remternetug Subcutaneously: Results from the TRAILRUNNER-ALZ 1 Phase 3 Trial

Presenter: Matthew Hufford

Matthew HUFFORD, Kevin BIGLAN, Chad STROUD, Anna Eames SEFFERNICK, Meilin JIANG, Mausumi LIDOGASTER, Matan DABORA

¹Eli Lilly and Company, Indianapolis, United States

00234 - Breaking down the influences of placebo progression and percent slowing in the context of time saved in Alzheimer's Disease clinical trials for populations in different disease stages

Presenter: Caleb Dayley

Caleb DAYLEY, Suzanne HENDRIX, Samuel DICKSON, Kent HENDRIX, Jason COOK

¹Pentara Corporation, Millcreek, United States

00215 - The effect of corticosteroid pre-treatment with modified titration of donanemab on amyloid reduction and safety: TRAILBLAZER-ALZ 6 addendum design

Presenter: Emel Serap Nery

Emel Serap NERY¹, Hong WANG¹, Paul ARDAYFIO¹, Rashna KHANNA¹, Diana SVALDI¹, Sergey SHCHERBININ¹, Wen XU¹, Paula HAUCK¹, Jin-Tai YU², Jiong SHI³, Dawn BROOKS¹, Emily COLLINS¹, Mark MINTUN¹, John SIMS¹

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00206 - Study Insight Analytics (SIA) Algorithms Validation for SMART Independent Review of the ADAS-Cog Scale

Presenter: Selam Negash

Selam NEGASH, Matt WELCH, B ECHEVARRIA, Chris RANDOLPH

¹Clario, Philadelphia, United States

00170 - REACHED – a pilot study exploring electronic health records and digital assessments to identify potential participants from understudied populations for clinical studies in Alzheimer’s disease

Presenter: Ruth Croney

Frank BOESS¹, Nicola MAIORANO¹, Janice SMITH², Alexandria WISE-BROWN³, Kelly COULTES⁴, Giuseppe FILOSA¹, Frank PERILLI⁵, Erin BECK⁵, Ira GOODMAN⁵, Ruth CRONEY²

¹F. Hoffmann-La Roche, AG, Basel, Switzerland, ²Roche Products Ltd, Welwyn Garden City, United Kingdom, ³Genentech, Inc., South San Francisco, United States, ⁴F. Hoffmann-La Roche Ltd, Mississauga, Canada, ⁵SiteRx, New York, United States

00138 - Study on the Correlation between White Matter Hyperintensity and Blood Biomarkers in Alzheimer’s Disease

Presenter: Xiaohua X

Chunhua LIANG¹, Xiaohua X¹

¹Shenzhen City, Guangdong Province, China

00078 - Web-Based Prescreening Survey for Alzheimer’s Disease Clinical Trials: Enhancing Efficiency and Diversity

Presenter: Elisabeth Burnett

Elisabeth BURNETT, Anna SLADKY, Jenny ECHEVARRIA MEDINA, Ijeoma MBA, Patricia LOWE, Karen COLOMBO, Terrence LAFRANCE, Mariah ALEXIS, Juris JANAUS, Lauren MARCONI, Joette GIOVINCO, Ram BISHNOI, Amanda SMITH, Wendy BELDEN

¹USF Health Byrd Alzheimer’s Institute, Tampa, United States

00018 - Trends on patients’ recruitment and retention in Alzheimer’s disease modification trials.

Presenter: Andreas Lysandropoulos

Andreas LYSANDROPOULOS¹, Jessica GARINGER²

¹Parexel, Wavre, Belgium, ²Parexel, Newton, United States

02 ● CLINICAL TRIALS: RESULTS

00289 - A Phase 1 Clinical Trial of BDNF Gene Therapy for AD and MCI: Update

Presenter: Mark Tuszynski

Douglas SCHARRE ¹, Gabriel LEGER ², Russell LONER ³, Krzysztof BANKIEWICZ ³, Mark TUSZYNSKI ²

¹Ohio State University Medical Center, Columbus, United States, ²UC San Diego, La Jolla, United States, ³Ohio State University, Columbus, United States

00189 - Randomised controlled trial of extended-release guanfacine in Alzheimer's disease dementia (NorAD)

Presenter: Paresh Malhotra

Paresh MALHOTRA ¹, Hilary WATT ¹, Karen HOANG ², Mara GOLEMME ¹, Johanna BRANDT ³, Chara TRIANTAFYLLOU ¹, Richard PERRY ¹, Praveen SINGH ⁴, Craig RITCHIE ⁵, Danielle WILSON ¹, James PICKETT ⁶, Chris FOX ⁷, Rachel BURTON ³, James CARPENTER ³, Robert HOWARD ³

¹Imperial College London, London, United Kingdom, ²Queen Mary University of London, London, United Kingdom, ³University College London, London, United Kingdom, ⁴Central and North West London NHS Foundation Trust, London, United Kingdom, ⁵Brain Sciences Scotland, London, United Kingdom, ⁶Owkin, London, United Kingdom, ⁷University of Exeter, London, United Kingdom

00186 - Rapamycin Treatment in Early Alzheimer's Disease: Results from a Six-Month Open-Label Pilot Trial

Presenter: Pontus Plavén-Sigra

Jonas E. SVENSSON ¹, Ruben DÖRFEL ¹, Martin SCHAIN ², Martin BOLIN ¹, Göran HAGMAN ¹, Anton FORSBERG-MORÉN ¹, Miia KIVIPELTO ¹, Pontus PLAVÉN-SIGRAY ¹

¹Karolinska Institutet, Stockholm, Sweden, ²Antaros Medical, Mölndal, Sweden

00191 - Pharmacokinetic analysis of intermittent rapamycin administration in early-stage Alzheimer's Disease

Presenter: Jonas Svensson

Helen ANNERVIK-WALLGREN ¹, Miia KIVIPELTO ², Pontus PLAVÉN-SIGRAY ², Jonas SVENSSON ²

¹Karolinska University Hospital, Stockholm, Sweden, ²Karolinska Institutet, Stockholm, Sweden

00219 - Results of a «First-in-Human» Open Label, Phase 1 Clinical Study of Intracerebroventricular Injections of Ex Vivo Expanded, Autologous, Wnt Activated, Adipose-Derived Stem Cells in 6 Participants with Mild to Moderate Alzheimer's Disease (AD)

Presenter: Christopher Duma

Christopher DUMA ¹, Hans KEIRSTEAD ¹, Gabriel NISTOR ¹, Robert LYNN ¹, Gus ALVA ², Karlyssa CHUNG ¹, Ashley HARRIS ¹, Sawyer FARMER ¹, Jessica BUXTON ¹, Zoe HARENG ¹

¹Regeneration Biomedical, Inc., Newport Beach, United States, ²Hoag Memorial Hospital Presbyterian, Newport Beach, United States

00135 - Results of a Phase II Randomized, Double-Blind, Placebo-Controlled Trial of S-Adenosyl Methionine in Participants with Mild Cognitive Impairment or Dementia Due to Alzheimer's Disease

Presenter: Sarah Holper

Sarah HOLPER ^{1,2,3}, Kevin J. BARNHAM ³, Leonid CHURILOV ¹, Paul YATES ^{4,5}, Amy BRODTMANN ⁶, Sally JOHNS ⁷, Colin L. MASTERS ^{3,8}, Rosie WATSON ^{1,2}, Nawaf YASSI ^{1,2,3}

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00162 - ABvac40 Vaccine Is Associated with Reduced Cortical Perfusion Decline in Early-Stage Alzheimer's Disease: Results from the AB1601 Phase 2 Study

Presenter: María Pascual-Lucas

María PASCUAL-LUCAS ¹, Ana María LACOSTA ¹, María MONTAÑÉS ¹, Jesús CANUDAS ¹, Jorge LOSCOS ¹, Jose TERCENIO ^{1,2}, Elena PRIETO ³, Kathie HIRSCHMUELLER ³, Javier ARBIZU ³

¹Araclon Biotech-Grifols, Zaragoza, Spain, ²Grifols, Barcelona, Spain, ³Clínica Universidad de Navarra, Pamplona, Spain

00059 - The ORCHID Study: Optimizing Rural Community Health through Interdisciplinary Detection and Care

Presenter: Lisa Wiese

Lisa WIESE ¹, Candy WILSON ¹, Beth KING ¹, Bianca TOLEA ², Magdalena TOLEA ²

¹Florida Atlantic University, Boca Raton, United States, ²University of Miami, Miami, United States

00107 - VNA-318, a first-in-class small molecule with a unique dual mode of action, exhibits properties in the first-in-human trial ideal for becoming a novel combination partner in the treatment of patients with Alzheimer's Disease

Presenter: Klaus Dugi

Klaus DUGI ¹, Marina KLEIN ², Silke KERN ¹, Tanes IMAMURA DE LIMA ¹, Leila MIRMOHAMADSADEGHI ¹, Penelope ANDREUX ¹

¹Vandria Ltd, Epalinges, Switzerland, ²Biotrial, Rennes, France

00021 - Advancing Alzheimer's Disease Care: Convenience for Both Patients and Families with Oral Blar-camesine

Presenter: Marwan Sabbagh

Marwan SABBAGH ¹, Timo GRIMMER ², Juan Carlos LOPEZ-TALavera ³, William CHEZEM ³, Kun JIN ³, Christopher MISSLING ³

¹Barrow Neurological Institute, Phoenix, United States, ²Technical University of Munich, Munich, Germany, ³Anavex, New York, United States

00052 - Semaglutide Concentration in Cerebrospinal Fluid from Patients with Early Alzheimer's Disease After 12 Weeks of Subcutaneous Treatment

Presenter: Peter Johannsen

Peter JOHANNSEN ¹, Marie Aare BENTSEN ¹, Dylan Mathew BELMONT-RAUSCH ¹, Lisbeth CARSTENSEN ¹, Rose JEPPESEN ¹, Gabriel MARTINO ¹, Martí JIMÉNEZ-MAUSBACH ¹, Anne BÖRJESSON-HANSON (2, 3), Lotte Bjerre KNUDSEN ¹

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00176 - Analytical and clinical validation of the APOE genotyping PCR test in patients from the Phase III Clarity AD trial.

Presenter: Kozue Matsuda

Kozue MATSUDA

¹Sysmex Corporation, Kobe, Japan

00016 - Brexpiprazole Treatment for Agitation Associated with Dementia due to Alzheimer's Disease: Post Hoc Subgroup Analysis Based on Care Setting (Inpatient/Outpatient) in Brexpiprazole for Alzheimer's Disease Patients with Agitated Symptoms (BRIDGE) Study

Presenter: Shimizu Koichi

Shimizu KOICHI ¹, Seiyama YUTA ², Shibasaki YOSHIYUKI ¹, Toda RIKIYA ¹, Nakamichi NORIHIRO ¹, Adachi JUN ³, Hirota NAOKI ⁴, Nakai MASAMI ⁴, Takahashi KANEYOSHI ¹, Nakamura YU ⁵

¹Department of Medical Affairs, Otsuka Pharmaceutical Co., Ltd, Tokyo, Japan, ²Department of Medical Affairs, Otsuka Pharmaceutical Co., Ltd, Osaka, Japan, ³Headquarters of Clinical Development, Otsuka Pharmaceutical Co., Ltd, Tokyo, Japan, ⁴Headquarters of Clinical Development, Otsuka Pharmaceutical Co., Ltd, Osaka, Japan, ⁵Faculty of Medicine/Graduate School of Medicine, Kagawa University, Kagawa, Japan

00008 - Assessment of Orthostatic tolerance and Efficacy of Fimasartan in elderly Alzheimer's disease patients with Hypertension: A 16-Week Observational study

Presenter: Mee Y Park

Mee Y. PARK ¹, Hyeun J. HAN ², Jean S. AN ³

¹Yeungnam Medical University Center, Daegu, Republic of Korea, ²Ilsan Brain Neurology Clinic, Ilsan, Republic of Korea, ³University of Illinois Chicago, Chicago, United States

03 ● CLINICAL TRIALS: IMAGING

00267 - Comparing Tau PET Tracers for Biological Staging in Early Alzheimer's: Implications for Trial Enrichment

Presenter: Marina Scop Medeiros

Marina SCOP MEDEIROS ^{1,2}, Lucas SCHILLING ³, Emma RUPPERT ¹, Pamela FERREIRA ¹, Joseph MASDEU ³, David SOLEIMANI-MEIGOONI ⁴, Juan FORTEA ⁵, Pedro ROSA-NETO ⁶, Val LOWE ⁷, Hwamee OH ⁸, Belen PASCUAL ³, Brian GORDON ⁹, Dana TUDORASCU ¹, Suzanne BAKER ¹⁰, Tharick PASCOAL ¹

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00172 - Harmonization Via Smoothing to A Common Spatial Resolution Yields Modest Benefits in Amyloid PET

Presenter: Robin Wolz

Colm MCGINNITY, Anthony S. GABAY, Katherine R. GRAY, R MANBER, R JOULES, Robin WOLZ

¹IXICO, London, United Kingdom

00232 - Extending the CenTauR Standardization Framework to the Voxel Level: Preliminary Validation Using [¹⁸F]flortaucipir and [¹⁸F]MK-6240

Presenter: Alexis Moscoso

Alexis MOSCOSO ¹, Antoine LEUZY ², Victor L. VILLEMAGNE ³, Alex DEL BENE ⁴, Brian LOPRESTI ⁴, Alexandra GOGOLA ⁴, Gregory KLEIN ⁵, Hartmuth C KOLB ⁶, Nadine TATTON ⁷, Yashmin KARTEN ⁷, Matteo TONIETTO ⁵, Emily OLAFSON ⁸, Ruben SMITH ⁹, Oskar HANSSON ⁹, Vincent DORÉ ¹⁰

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00222 - Evaluating the Effects of Non-Linear SUVR Transformations for Harmonization on Statistical Power in Longitudinal Tau-PET Studies

Presenter: Alexis Moscoso

Alexis MOSCOSO ^{1,2}, Antoine LEUZY ^{1,3}, Hartmuth KOLB ³, Victor VILLEMAGNE ^{4,5}, Gregory KLEIN ⁶, Brian LOPRESTI ⁷, Alexandra GOGOLA ⁷, Diane STEPHENSON ¹, Nadine TATTON ¹, Yashmin KARTEN ¹, Fang XIE ⁸, Christopher C ROWE ^{9,10}, Vincent DORÉ ^{9,11}

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00212 - Developing a harmonized visual reading method towards the clinical use of tau-PET tracers

Presenter: Emma Ruppert

Emma RUPPERT ¹, Marina SCOP MEDEIROS ¹, Marie VERMEIREN ², Guilherme POVALA ¹, Firoza LUSSIER ¹, David SOLEIMANI-MEIGOONI ³, Juan FORTEA ⁴, Val LOWE ⁵, Hwamee OH ⁶, Belen PASCUAL ⁷, Brian GORDON ⁸, Pedro ROSA-NETO ⁹, Suzanne BAKER ¹⁰, Tharick PASCOAL ¹

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00196 - Functional Network Segregation as a Neural Correlate of Cognitive Reserve in Alzheimer's Disease Spectrum

Presenter: Na Young Yeo

Na Young YEO ¹, Christian G. HABECK ², Yaakov STERN ², Jae-Won JANG ³, Yeshin KIM ³

¹Kangwon National University, Chuncheon, Republic of Korea, ²Columbia University, New York, United States, ³Kangwon National University Hospital, Chuncheon, Republic of Korea

00180 - Lower Antemortem [18F]flortaucipir PET retention in Males and Older Individuals is Explained by Lower Postmortem Tau Tangle Density

Presenter: Emma Coomans

Emma COOMANS ^{1,2}, Ruben SMITH ^{3,4}, Sebastian PALMQVIST ^{3,4}, Michael PONTECORVO ⁵, Sergey SHCHERBININ ⁵, Vikas KOTARI ⁵, Thomas BEACH ⁶, Geidy SERRANO ⁶, Erik STOMRUD ^{3,4}, Niklas MATTSSON-CARLGREN ^{3,7}, Wiesje VAN DER FLIER ^{1,2}, Yolande PIJNENBURG ^{1,2}, Elsmarieke VAN DE GIESSEN ^{8,9}, Oskar HANSSON ³, Rik OSSENKOPPELE ^{1,3}

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00104 - Towards correcting for pseudo atrophy in monoclonal antibody clinical trials on Alzheimer's disease: a model of amyloid-removal related atrophy predicts treatment benefit

Presenter: Neil Oxtoby

Neil OXTOBY ¹, Bojidar RANGELOV ¹, Michael DONOHUE ²

¹UCL Hawkes Institute and Department of Computer Science, University College London, London, United Kingdom, ²Alzheimer Therapeutic Research Institute, Keck School of Medicine, University of Southern California, San Diego, United States

00155 - Recommendations for DTI harmonization in multicenter clinical trials.

Presenter: Madhura Ingalhalikar

Madhura INGALHALIKAR ¹, Stefan RADONJIC ¹, Luc BRACAUD ², Chris CONKLIN ¹, Meredith BURKE ¹, David SCOTT ¹, Adni ALZHEIMER'S DISEASE NEUROIMAGING INITIATIVE ³

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00154 - Associations of amyloid-beta with entorhinal cortical thickness and episodic memory among a diverse oldest-old cohort: The Life After 90 Study

Presenter: Batool Rizvi

Batool RIZVI ¹, Christina YOUNG ¹, Molly LAPOINT ², Adam BRICKMAN ³, Pauline MAILLARD ¹, Charles DECARLI ¹, Paola GILSANZ ², Maria CORRADA ⁴, Rachel WHITMER ¹

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00069 - Impact of 40Hz tACS on regional glymphatic flow in patients with mild Alzheimer's disease

Presenter: Lu Yuanyuan

Lu YUANYUAN, Xing YI, Tang YI

¹Xuanwu Hospital, Capital Medical University, Beijing, China

00003 - Cerebral Tau PET with 18F-Florzolotau in Alzheimer's disease: a multicentre phase III diagnostic study

Presenter: Jin-Tai Yu

Jin-Tai YU ¹, Xiao-Li LAN ², Mei CUI ³

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00275 - Allopregnanolone Increases Hippocampal Volume in Early Alzheimer's Disease: Importance of Segmentation Method and Baseline Atrophy

Presenter: Adam C., Raikes

Adam C., RAIKES ¹, Dawn MATTHEWS ², Gerson HERNANDEZ ¹, Ana S. LUKIC ², Randolph D. ANDREWS ², Claudia LOPEZ ¹, Lon SCHNEIDER ³, Roberta D. BRINTON ¹

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00148 - Longitudinal Impact of Sarcopenia on Amyloid Deposition, Brain Atrophy, and Cognitive Decline: A Multi-modal Linear Mixed Model Analysis

Presenter: Sunghwan Kim

Sunghwan KIM ¹, Sheng-Min WANG ¹, Dong Woo KANG ², Yoo Hyun UM ³, Su-Hyeong KIM ³, Yoon HAN MIN ¹, Hyun Kook LIM ¹

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00230 - Exploring Individual Variation in Tau PET and CDR-SB: A Meta-Analysis of Placebo Arm Data

Presenter: Yashmin Karten

Yashmin KARTEN ¹, Dries DE WITTE ², Gregory KLEIN ³, Antoine LEUZY ^{4,1}, Alexis MOSCOSO RIAL ^{5,1}, Philip INSEL ⁶, Ariel Alonso ABAD ^{2,7}, Geert MOLENBERGHS ^{2,7}, Nadine TATTON ¹, Cpad ON BEHALF OF THE CRITICAL PATH FOR ALZHEIMER'S DISEASE CONSORTIUM ¹

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00140 - Advancing Clinical Research with PET Imaging: Emerging Radiotracers and Evolving Roles in Alzheimer's Dementia Diagnosis

Presenter: Abby Fuller

Ioan Laurentiu GUTIU ¹, Abby FULLER ², Tetyana KORCHAK ²

¹Fortrea GmbH, Munich, Germany, ²Fortrea, Durham, United States

04 ● CLINICAL TRIALS: BIOMARKERS INCLUDING PLASMA

00217 - Associations between concurrent change in plasma biomarkers, amyloid-beta accumulation and cognitive decline in Alzheimer's disease

Presenter: Alexa Pichet Binette

Yara YAKOUB ^{1,2}, Ting QIU ^{1,2}, Sylvia VILLENEUVE ^{1,3,4}, Alexa PICHET BINETTE ^{5,6,7}

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00263 - Validation of an Alzheimer's Disease conformation-specific p53 antibody in patient samples

Presenter: Shmuel Agus

Shmuel AGUS ¹, David LYNCH ², Simona PICCIRELA ³, Madisson SAMPLES ², Michael RASCHE ⁴, Rakez KAYED ²

¹Diadem Inc, Roslindale, United States, ²UTMB, Galveston, United States, ³Diadem SpA, Milan, Italy, ⁴Diadem SpA, Munich, Germany

00261 - Concordance of ApoE proteotype vs genotype assays: a low friction method for obtaining E4 carrier status

Presenter: Gallen Triana-Baltzer

Gallen TRIANA-BALTZER ¹, Thierry VERBINNEN ², Silke MILLER ¹, Ziad SAAD ¹, Janice WONG ³, David HENLEY ³, Yanina FLOSSBACH ², Gahan PADINA ³, Stanley BELKOWSKI ³

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00245 - Targeted Plasma Proteomic Biomarker Profiling in the FINGER Multimodal Lifestyle Intervention Trial

Presenter: Anna Matton

Anna MATTON ^{1,2,3}, Alina SOLOMON ^{3,4}, Andrea LESSA BENEDET ⁵, Jenni LEHTISALO ⁶, Esko LEVÄLAHTI ⁶, Anna ROSENBERG ⁷, Makrina DANILIDOU ^{8,2}, Francesca MANGIALASCHE ^{8,2,9}, Henrik ZETTERBERG ⁵, Tiia NGANDU ⁶, Miia KIVIPELTO ⁸

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00231 - Does Amyloid Plaque Reduction Mediate the Clinical Effect of Amyloid-targeting Antibodies?

Presenter: Lon Schneider

Lon SCHNEIDER ¹, James LUO ¹, Richard KENNEDY ²

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00226 - Age-related changes in plasma p-tau217 and reference levels in cognitively unimpaired Aβ-negative individuals

Presenter: Anna Mammel

Anna MAMMEL ¹, Ali MOUSAVI ^{2,3}, Kelsey HALLETT ¹, Mary ENCARNACION ², Donald BIEHL ¹, Pradip GILL ¹, Fernando GONZALEZ ^{1,4}, Hans FRYKMAN ^{1,2,3}

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00213 - A Comparative Analysis of Creatinine- and Cystatin C-based eGFR equations for the Assessment of Chronic Kidney Disease Influence on Plasma p-tau217 Concentrations

Presenter: Joshua Bornhorst

Joshua BORNHORST ¹, Stephen WEIGAND ², Daniel FIGDORE ¹, Michael GRISWOLD ³, Carly LUNDGREEN ², Heather WISTE ², Prashanthi VEMURI ⁴, Jonathan GRAFF-RADFORD ⁵, David KNOPMAN ⁵, Petrice COGSWELL ⁴, Clifford JACK JR. ⁴, Ronald PETERSEN ⁵, Alicia ALGECIRAS-SCHIMNICH ¹

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00200 - Research on Biomarkers of Early Alzheimer's Disease in China in the past decade a scoping review

Presenter: Guoping Peng

Guoping PENG ¹, Yan YANG ², Ying WANG ², Sagar Anil CHANDEKAR ³, Jintai YU ⁴

¹Department of Neurology, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China, ²Novo Nordisk (China) Pharmaceuticals Co., Ltd., Beijing, China, ³Novo Nordisk A/S, Søborg, Denmark, ⁴Department of Neurology, Huashan Hospital, Shanghai Medical College, Fudan University, Shanghai, China

00185 - Longitudinal changes of blood β -synuclein in the Alzheimer's Disease Neuroimaging Initiative

Presenter: Patrick Oeckl

Patrick OECKL ^{1,2}, Samir ABU-RUMEILEH ³, Christopher M. WEISE ³, Markus OTTO ³

¹Ulm University Hospital, Department of Neurology, Ulm, Germany, ²German Center for Neurodegenerative Diseases (DZNE) Ulm, Ulm, Germany, ³Martin-Luther-University Halle-Wittenberg, Department of Neurology, Halle (saale), Germany

00160 - Clinical Trial Patient Cohort Enrichment Using Cost-Effective Blood-Based Biomarker Screening

Presenter: Robert Lin

Robert LIN ¹, Jason WAN ¹, Noah ELDER ¹, Hien NGUYEN ¹, Paul HUNG ¹

¹Taudia, San Carlos, United States

00083 - P-tau217 testing impact on patient management in a racially/ethnically diverse population: six-month follow up in a randomized clinical utility study.

Presenter: Rose C. Beck

Samantha C. BURNHAM ¹, Haoyan HU ¹, Yifeng TANG ¹, Anthony SIRECI ¹, Michael J. PONTECORVO ¹, Paul E. SCHULZ ², Curtis P. SCHREIBER ³, Rose C. BECK ¹

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00056 - Novel biomarkers drive a distinct pattern of clinical characterization of two cohorts: a Chinese Aging and Neurodegenerative Disorder Initiative (CANDI) and a Hefei Aging Study Urban Community (HAS)

Presenter: Yong Shen

Yong SHEN

¹University of Science and Technology of China, Hefei, China

00011 - Migrating the use of plasma p-tau217 from research setting to clinical practice: a real-world study in Subjective Cognitive Decline and Mild Cognitive Impairment

Presenter: Giulia Giacomucci

Giulia GIACOMUCCI ¹, Chiara CRUCITTI ¹, Assunta INGANNATO ¹, Silvia BAGNOLI ¹, Elisa MARCANTELLI ¹, Sonia PADIGLIONI ², Valentina MOSCHINI ², Carmen MORINELLI ², Salvatore MAZZEO ³, Sandro SORBI ⁴, Benedetta NACMIAS ¹, Valentina BESSI ¹

¹Department of Neuroscience, Psychology, Drug Research and Child Health, University of Florence, Florence, Italy, ²Research and Innovation Centre for Dementia-CRIDEM, AOU Careggi, Florence, Italy, ³Vita-Salute San Raffaele University, Milan, Italy, ⁴IRCCS Fondazione Don Carlo Gnocchi, Florence, Italy

00284 - Regional Amyloid Positivity Predicts Alzheimer's Disease Progression Despite Low Centiloid Values in Mild Cognitive Impairment

Presenter: Oh Minyoung

Oh MINYOUNG ¹, Ryu JEONGRYUL ¹, Lim JAE-SUNG ², Kim JAE SEUNG ¹, Lee JAE-HONG ²

¹Department of Nuclear Medicine, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea, ²Department of Neurology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea

00272 - Head-to-head comparison of 4 capillary blood sampling devices for measuring p217 tau

Presenter: Setareh Moughadam

Setareh MOUGHADAM ¹, Hanna HUBER ², Laia MONTOLIU-GAYA ², Nicholas ASHTON (2, 3), Henrik ZETTERBERG ², Annemie CHIAU ⁴, Katrin HAEVERANS ⁵, Gallen TRIANA BALTZER ¹

¹Johnson and Johnson, San Diego, United States, ²University of Gothenburg, Gothenburg, Sweden, ³Banner Alzheimer's Institute, Phoenix, United States, ⁴ICON, Beerse, Belgium, ⁵Johnson and Johnson, Beerse, Belgium

00122 - Leveraging recent advances in biomarkers to optimize early phase drug development in Alzheimer's Disease

Presenter: Garrett Duncan

Garrett DUNCAN

¹Pentara Corporatoin, Salt Lake City, United States

00253 - Identifying Neuropsychological and Sociodemographic Predictors of a Blood-Based Biomarker of Alzheimer's Disease

Presenter: Isaiah Gamble

Isaiah GAMBLE, Stephanie RUTRICK, Sarah STARLING, Hailie HALE, Jake PETITT, Sean WOMACK

¹Adams Clinical, Watertown, United States

00075 - MK-1167, a positive allosteric modulator of $\alpha 7$ nicotinic cholinergic receptors: proof-of-biology, dose selection, and clinical trial design

Presenter: Sarah Janicki Hsieh

Sarah Janicki HSIEH ¹, Corin MILLER ¹, Graeme MASON ², Douglas ROTHMAN ², Gerard SANACORA ², Evita C. WIEGERS ³, Dennis W. J. KLOMP ³, Narjes AHMADIAN ³, Sarah JACOBS ³, An BAUTMANS ⁴, Kristien VAN DYCK ⁴, Yi MO ¹, Michael F. EGAN ¹, S Aubrey STOCH ¹, Mk-1167-003 Clinical Study Team ^{1,3}

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00177 - Optimizing Plasma p-Tau217 Cutoffs for Amyloid Pathology According to Kidney Function, Body Weight, and Anemia

Presenter: Jihwan Yun

Jihwan YUN ¹, Daeun SHIN ², Eun Hye LEE ², Jun Pyo KIM ², Hongki HAM ², Yuna GU ², Min Young CHUN ³, Sung Hoon KANG ⁴, Hee Jin KIM ², Duk L. NA ⁵, Henrik ZETTERBERG ⁶, Kaj BLENNOW ⁶, Fernando GONZALEZ-ORTIZ ⁶, Sang Won SEO ², Hyemin JANG ⁷

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00192 - Predicting Alzheimer's Disease Progression Using Neuroimaging and Genetics Markers

Presenter: Seok Woo Moon

Seok Woo MOON ¹, Bumjun KIM ¹, Ivo DINOVI ²

¹Konkuk University Chungju Hospital, Chungju, Republic of Korea, ²UMICH, Ann Arbor, United States

00169 - Semaglutide impacts proteomic signatures related to dementia risk in the SELECT cardiovascular outcomes trial

Presenter: Martí Jiménez-Mausbach

Martí JIMÉNEZ-MAUSBACH¹, Jan Christian REFSGAARD ¹, Gabriel MARTINO¹, Teresa Leon COLOMBO¹, Betty TIJMS ², Clare PATERSON³

¹Novo Nordisk A/S, Søborg, Denmark, ²Alzheimer Center Amsterdam, Neurology, Vrije Universiteit Amsterdam, Amsterdam UMC location VUmc, Amsterdam, Netherlands, ³Clinical Research and Development, Standard BioTools, Boulder, Colorado, United States

00161 - Robustness of Plasma A β 42/A β 40 as a Predictive Biomarker for Brain Amyloid Deposition: Independence from Renal Function and Body Mass Index in a Real-World Tertiary Care Cohort with Mild Cognitive Impairment.

Presenter: José Antonio Allué

José Antonio ALLUÉ ¹, Leticia SARASA ¹, Noelia FANDOS ¹, Jorge LOSCOS ¹, Judith ROMERO ¹, Adrián SÁNCHEZ ¹, Jose TERCENIO ^{1,2}, Gerard PIÑOL-RIPOLL ^{3,4}, María PASCUAL-LUCAS ¹

¹Araclon Biotech-Grifols, Zaragoza, Spain, ²Grifols S.A., Barcelona, Spain, ³Hospital Universitari Santa Maria, Lleida, Spain, ⁴Hospital Clínic, Barcelona, Spain

00151 - Modeling Age-Related Amyloid- β Trajectories in Cognitively Unimpaired Individuals using GAMLSS: A Ethnic Comparison between Korean and Non-Hispanic White Cohorts

Presenter: Chun Min Young

Chun MIN YOUNG ¹, Sungjoo LEE ², Kim KYUNGA ³, Kim HEE JIN ⁴, Na DUK L. ⁴, Michael WEINER ⁵, Suzanne SCHINDLER ⁶, Kim JUN PYO ⁴, Seo SANG WON ⁴

¹Department of Neurology, Yonsei Severance Hospital, Yonsei University College of Medicine, Yonsei, Republic of Korea, ²Department of Neurology, Samsung Medical Center, Sungkyunkwan University School of Medicine - Seoul (Republic of Korea), Seoul, Republic of Korea, ³Biomedical Statistics Center, Research Institute for Future Medicine, Samsung Medical Center, Seoul, Republic of Korea, ⁴Department of Neurology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea, ⁵University of California, San Francisco, San Francisco, United States, ⁶Department of Neurology, Washington University School of Medicine, St. Louis, Missouri, United States

00141 - Age-related blood CD8 T cells binding a non-self peptide/HLA epitope track with Alzheimer's and related MCI status in HLA-A2+ and HLA-A2- cohorts: expanding the reach of a T cell biomarker assay to all patients.

Presenter: Christopher Wheeler

Christopher WHEELER ^{1,2}, Debby VAN DAM ^{3,4}, Yannick VERMEIREN ^{3,4}, Hans DE REU ³, Peter Paul DE DEYN ^{3,4}

¹T-Neuro Pharma, Aptos, United States, ²Soc. for Brain Mapping & Therapeutics, Pacific Palisades, United States, ³University of Antwerp, Antwerp, Belgium, ⁴University of Groningen, Groningen, Netherlands

00137 - C2N Eligibility, APOE genotype Identification, Amyloid Confirmation. Results from the AHEAD 3-45 program at Neuroclin Glasgow

Presenter: Kanwal Aadil

Kanwal AADIL, Cowan LEWIS, Lynch JENNIFER, Inglis FRASER

¹NeuroClin Ltd, Motherwell, United Kingdom

00131 - The role of lipids on changes of plasma pTau181, pTau217 and the 217/181 ratio in Alzheimer's disease over time: a pilot study in a memory clinic population.

Presenter: Michaela Defrancesco

Michaela DEFRANCESCO ¹, Alex HOFER ¹, Christian HUMPEL ¹

¹Innsbruck, Austria

00127 - Development and Evaluation of an MTBR Tau Fragment Immunoassay for the Assessment of Alzheimer's Disease Tau Pathology

Presenter: Shannon Leslie

Shannon LESLIE ¹, Setareh MOUGHADAM ¹, Kristof VAN KOLEN ², Gallen TRIANA-BALTZER ¹

¹Johnson and Johnson Innovative Medicine, San Diego, United States, ²Johnson and Johnson Innovative Medicine, Beerse, Belgium

00072 - The PREVCOG study: longitudinal and multimodal biomarker analyses for secondary prevention of Alzheimer's disease and cognitive decline in French memory clinics

Presenter: Germain Busto

Germain BUSTO

¹CMRR, Montpellier, France

00002 - Tau-Dependent Divergent Associations of Soluble and Plaque Amyloid with Glucose Dysregulation

Presenter: Dong Woo Kang

Dong Woo KANG ¹, Hyun Kook LIM ²

¹Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea, ²Yeouido St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

00025 - A Correlation Between Plasma P-Tau181 Levels and Clinical Diagnosis of Alzheimer's Disease

Presenter: Anshu Arora

Aishwarya PRASAD ¹, Anshu ARORA ^{1,2}, Arun ARORA ¹, Mahima PATIL ¹, Arif KHAN ^{1,3}

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05 ● CLINICAL TRIALS: COGNITIVE AND FUNCTIONAL ENDPOINTS

00084 - Worse cognitive performance and poorer quality of life are associated with lower self-reported confidence in accomplishing personal priorities: the utility of the electronic Person Specific Outcome Measure (ePSOM) tool

Presenter: Stina Saunders

Stina SAUNDERS ^{1,2}, Claudio TORO-SEREY ¹, Ali JANNATI ^{1,3}, Sean TOBYNE ¹, Craig RITCHIE ⁴, Sarah GREGORY ⁴, Miles WELSTEAD ⁴, Álvaro PASCUAL-LEONE ^{1,3,5}

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00239 - Four-Year Follow-Up of a Multimodal Intervention for Dementia Prevention: Extended Results from the J-MINT PRIME Tamba Randomized Controlled Trial

Presenter: Hisatomo Kowa

Hisatomo KOWA ¹, Tohmi OSAKI ², Ryoko KUMAGAI ¹, Yutaro OKI ¹

¹Kobe University Graduate School of Health Sciences, Kobe, Japan, ²Kobe Gaukuin University, Faculty of Rehabilitation, Kobe, Japan

00241 - Comparing longitudinal trajectories of Storyteller and CDR-SB: Initial data from ADNI4

Presenter: Emil Fristed

Emil FRISTED ¹, Jack WESTON ¹, ADNI FOR THE ALZHEIMER'S DISEASE NEUROIMAGING INITIATIVE ²

¹Novoic Ltd, London, United Kingdom, ²ADNI, San Francisco, United Kingdom

00113 - Speed-Based Cognitive Training Improves Cholinergic Network Health: Implications for Cognitive Aging and Dementia Prevention from the INHANCE Randomized Clinical Trial

Presenter: Thomas Van Vleet

Thomas VAN VLEET ¹, Mouna ATTARHA ¹, Ana De Figueiredo PELEGRINO ², Paule-Joanne TOUSSAINT ², Sarah-Jane GRANT ¹, Lydia OUELLET ², Etienne DE VILLERS-SIDANI ²

¹Posit Science, San Francisco, United States, ²McGill University, Montreal, Canada

00006 - Evidence Supporting the Use of the Clinical Dementia Rating® as an Outcome Measure in Dementia with Lewy Bodies Clinical Trials

Presenter: James Galvin

James GALVIN, Andreas SALCEDO

¹University of Miami Miller School of Medicine, Boca Raton, United States

00251 - Regional Differences in the Presence of Data Quality Concerns in Dementia Clinical Trials

Presenter: David Miller

David MILLER ¹, Xingmei WANG ², Alan KOTT ³

¹Signant Health, Philadelphia, United States, ²Signant Health, Blue Bell, United States, ³Signant Health, Prague, Czech Republic

00126 - Comparative Sensitivity of MMSE, Resting-State EEG, and Event-Related Potentials in Longitudinal Cognitive Decline Detection

Presenter: Caroline Ma

Caroline MA ¹, Amir MEGHDADI ¹, Grant FOSTER ¹, Corinne FISCHER ², David SALAT ³, Chris BERKA ¹

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³Massachusetts General Hospital, Boston, United States

00210 - Memory support training and lifestyle modifications to promote healthy aging in persons at risk for Alzheimer's disease: Brain Boosters randomized controlled trial initial results

Presenter: Sarah Tomaszewski Farias

Sarah TOMASZEWSKI FARIAS ¹, Jaclyn FOX ¹, Hilary ARALIS ¹, Danielle HARVEY ¹, Michelle CHAN ¹, Michael RYAN ¹, Alyssa WEAKLEY ¹, Samina RAHMAN ², Catherine LUNA ², Maureen SCHMITTER-EDGEcombe ²

¹University of California, Davis, Sacramento, United States, ²Washington State University, Pullman, United States

00032 - Mediterranean Diet in Subjective Cognitive Decline: Cognitive, Mobility, and Neuroimaging Outcomes from a Randomized Cross-Over Trial

Presenter: Yu-Ruei Lin

Yu-Ruei LIN ¹, Li-Ning PENG ^{2,3}, Liang-Kung CHEN ^{2,3,4}, Chih-Ping CHUNG ^{1,5}

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00293 - The Efficacy and Safety of Mobile-App-Based Metamemory Cognitive Training for Mild Cognitive Impairment: A Multicenter, Randomized Clinical Trial

Presenter: Sunyoung Kang

Sunyoung KANG ^{1,2}, Jung-In LIM ³, Lukas STENZEL ⁴, Keun You KIM ¹, Eosu KIM ^{1,5,6}, Hong Jun JEON ⁷, Doo-Heum PARK ⁷, Hyun Kook LIM ^{8,9}, Yongsoo SHIM ¹⁰, Jae-Won JANG ¹¹, Yeshin KIM ¹¹, Kee Hyung PARK ¹²

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06 ● COGNITIVE ASSESSMENT AND CLINICAL TRIALS

00279 - ERP biomarkers of cognitive dysfunction in Alzheimer's disease: Real-world evidence for translation into clinical trial endpoints

Presenter: Amir Meghdadi

Amir MEGHDADI ¹, Natasha KOVACEVIC ¹, Chris BERKA ¹, Katy TARRIT MIRAKHORLI ², Shay NAKAHIRA ², Kirra BORRELLO ², Janette BOW-KEOLA ², Kylie YAMAUCHI ², Enrique CARRAZANA ², Janette ABRAMOWITZ ², Qi ZHI ³, Kore LIOW ²

¹Advanced Brain Monitoring, Carlsbad, United States, ²University of Hawaii, Honolulu, United States, ³Hawaii Pacific Neuroscience, Honolulu, United States

00270 - Integrating Plasma pTau-217 and Digital Cognitive Assessments for Early Detection in Alzheimer's Disease

Presenter: Casey Vanderlip

Casey VANDERLIP ¹, Craig STARK ¹

¹UC Irvine, Irvine, United States

00139 - Combining plasma pTau217 and a remote digital cognitive assessment to predict cognitive decline in cognitively unimpaired older adults

Presenter: Hairin Kim

Hairin KIM ¹, Daniel SOBERANES ¹, Roos JUTTEN ², Mark DUBBELMAN ¹, Gad MARSHALL ¹, Hyun-Sik YANG ¹, Dorene RENTZ ¹, Keith JOHNSON ³, Reisa SPERLING ³, Rebecca AMARIGLIO ¹, Kathryn PAPP ¹

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²Department of Neurology, Amsterdam UMC location VUmc, Amsterdam, The Netherlands, Amsterdam, Netherlands, ³Department of Radiology, Massachusetts General Hospital, Harvard Medical School, Boston, MA, United States, Boston, United States

00214 - Speech-based digital cognitive assessments for scalable and cost-effective pre-screening of preclinical Alzheimer's Disease: Insights from the RETAIN study

Presenter: Anahita Kyani

Anahita KYANI ¹, Srinivasan VAIRAVAN ², Federico PARISI ³, Dzmitry KALIUKHOVICH ⁴, Macarena GARCIA VALDECASAS COLELL ⁵, Sara GALE ³, Bahador MARZBAN ³, Nicklas LINZ ⁶, Johannes TRÖGER ⁶, Janna HERRMANN ⁶, David HENLEY ², Fiona ELWOOD ³, Tricia THORNTON-WELLS ³, Bryan HANSEN ⁷, Lennert STEUKERS ⁴

¹Johnson & Johnson, La Jolla, United States, ²Johnson & Johnson, Titusville, United States, ³Johnson & Johnson, Cambridge, United States, ⁴Johnson & Johnson, Beerse, Belgium, ⁵Johnson & Johnson, Basel, Switzerland, ⁶ki elements GmbH, Saarbrücken, Germany, ⁷Johnson & Johnson, Spring House, United States

00175 - Electric Field of the Default Mode Network is Correlated with Effects of Transcranial Alternating Current Stimulation in Mild Alzheimer's Disease

Presenter: Aonan Li

Aonan LI ¹, Yi XING, Yi TANG ¹

¹Department of Neurology & Innovation Center for Neurological Disorders, Xuanwu Hospital, Capital Medical University, National Center for Neurological Disorders, Beijing, China

00024 - The validation of the new Chinese Short Cognitive Performance Test (SKT)

Presenter: Mark Stemmler

Mark STEMMLER ¹, Melina ARNOLD ¹, Liang CUI ², Qi-Hao GUO ²

¹University of Erlangen-Nuremberg, Erlangen, Germany, ²Shanghai Jiao Tong University School of Medicine, Shanghai, China

00262 - Interview Quality Matters: A Cross-Trial Analysis of CDR Administration Errors in Alzheimer's Disease Clinical Research

Presenter: Amanda Aedo

Amanda AEDO ¹, Gila BARBATI ¹, Sayaka MACHIZAWA ¹, Andrei IACOB ², Jessica STENCLIK ¹, Erica APPLEMAN ¹

¹Signant Health, Blue Bell, United States, ²Signant Health, Iasi, Romania

00244 - Linking the Mini-Mental State Examination and the 13-Item Version of Alzheimer's Disease Assessment Scale-Cognitive Subscale

Presenter: David Miller

David MILLER ¹, Alan KOTT ², Xingmei WANG ³

¹Signant Health, Philadelphia, United States, ²Signant Health, Prague, Czech Republic, ³Signant Health, Blue Bell, United States

00188 - Development and preliminary findings of the MoCA-Cognitive Health Questionnaire

Presenter: Ziad Nasreddine

Laura KLAMING ¹, Murray GILLIES ¹, Ziad NASREDDINE ¹

¹MoCA Cognition, Montreal, Canada

00013 - Cognitive Trajectories in Alzheimer's Disease: Findings from the Multinational CICERO-AD Chart Review Study

Presenter: Diego Novick

Diego NOVICK ¹, Giuseppe BRUNO ², Grazie DELL'AGNELLO ³, Anthony ZAGAR ⁴, Agota SZENDE ⁵, Victor KIRI ⁶, Mercè BOADA ⁷, Mercè BOADA ⁸

¹Eli Lilly and Company Ltd., Bracknell, United Kingdom, ²Department of Neurology and Psychiatry, University of Rome "Sapienza", Rome, Italy, ³Eli Lilly Italia Spa, Sesto Fiorentino, Italy, ⁴Eli Lilly and Company Ltd., Indianapolis, United States, ⁵Fortrea, York, United Kingdom, ⁶Fortrea, Maidenhead, United Kingdom, ⁷Ace Alzheimer Center Barcelona. Universitat Internacional de Catalunya, Barcelona, Spain, ⁸Networking Research Center on Neurodegenerative Diseases (CIBERNED), Instituto de Salud Carlos III, Madrid, Spain

00066 - Automated linguistic and acoustic metrics of a smartphone-captured cued narration and recall assessment for detecting early memory and biomarker changes in early Alzheimer's disease

Presenter: Raphael Ullmann

Raphael ULLMANN ¹, Arnaud WOLFER ¹, Kami KOSEK ², Monika ZBYTNIIEWSKA-MÉGRET ³, Thanneer PERUMAL ¹, Irma KURNIAWAN ¹, Kirsten TAYLOR ¹

¹F. Hoffmann-La Roche Ltd., Basel, Switzerland, ²Roche Global IT Solution Center, Warsaw, Poland, ³CTC Resourcing Solutions AG, Basel, Switzerland

07 • BEHAVIORAL DISORDERS AND CLINICAL TRIALS

00009 - Pharmacological Class and Dose Effects on Neuropsychiatric Symptoms and Disease Severity in Dementia: A Defined Daily Dose-Based Cohort Study

Presenter: Jong-Ling Fuh

Yu-Ruei LIN, Jong-Ling FUH

¹Taipei Veterans General Hospital, Taipei, Taiwan, Republic of China

08 ● HEALTH ECONOMICS AND CLINICAL TRIALS

00159 - A Low-cost, Scalable Blood Biomarker Assay for Alzheimer's Disease Testing in Resource - Limited Settings

Presenter: Robert Lin

Robert LIN, Jason WAN, Noah ELDER, Hien NGUYEN, Paul HUNG

¹Taudia, San Carlos, United States

00042 - Economic value of a blood test for Alzheimer's disease pathology in primary and specialty care in the U.S.

Presenter: Soeren Mattke

Soeren MATTKE ¹, Jiahe CHEN ¹, Mark HANSON ¹, Kim JOHNSON ², Cara LEAHY ³, David MERRILL ⁴, Victoria SHADA ⁵, Jorge RUIZ ⁶

¹University of Southern California, Los Angeles, United States, ²Duke University, Durham, United States, ³Memorial Healthcare Institute, Owosso, United States, ⁴Pacific Brain Health Center, Santa Monica, United States, ⁵Wake Forest School of Medicine, Winston-Salem, United States, ⁶Memorial Healthcare System, Hollywood, United States

00171 - Enhancing Alzheimer's Disease Diagnostic Efficiency and Accuracy with Plasma-Based pTau217 Testing: A Comparative Analysis in Primary and Secondary Care

Presenter: Martin Guess

Sophie ROTH ¹, Martin GUESS ¹, Gustaf ORTSÄTER ²

¹Roche Diagnostics International, Rotkreuz Zg, Switzerland, ²Quantify Research AB, Stockholm, Sweden

00156 - Longitudinal Impact of Social Determinants of Health on Amyloid and Tau Accumulation and Cognitive Decline

Presenter: Hanna Cho

Hanna CHO ¹, Han Kyu NA ¹, Han-Kyeol KIM ², Elena TSOY ³, Katherine POSSIN ³, Victor VALCOUR ³, Gil RABINOVICI ³, Chul Hyoung LYOO ¹

¹Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea, ²Wonju Severance Christian Hospital, Yonsei University Wonju College of Medicine, Wonju, Republic of Korea, ³Memory and Aging Center, University of California San Francisco, San Francisco Ca, United States

00128 - Societal Cost and Efficiency Comparison of Subcutaneous vs Intravenous Lecanemab for Early Alzheimer's Disease in the United States

Presenter: Amir A. Tahami Monfared

Amir A. TAHAMI MONFARED ^{1,2}, Stephanie BARROWS ³, Lindsey FOX ³, Brittney HERBEL ³, William L. HERRING ^{3,4}, Alisha KRUMBACH ³, Quanwu ZHANG ¹

¹Eisai Inc., Nutley, United States, ²McGill University, Montreal, Canada, ³RTI Health Solutions, Durham, United States, ⁴Karolinska Institutet, Stockholm, Sweden

00047 - Medication Adherence and Cost of Care for Comorbid Conditions in Patients with Early Alzheimer's Disease: A Retrospective Cohort Study Using the Axon Registry and Claims Data

Presenter: Lei Lv

Lei LV ¹, Abdalla ALY ¹, Caroline MCKAY ¹, Paul MYSTKOWSKI ¹, Shannon GALLAGHER ², Kristian GARCIA ², Heather E. MOSS ³, Soeren MATTKE ⁴

¹Novo Nordisk Inc., Plainsboro, United States, ²Verana Health, New York, United States, ³Department of Ophthalmology, Stanford University & Department of Neurology & Neurological Sciences, Stanford University, Stanford, United States, ⁴University of Southern California, Los Angeles, United States

00281 - MCI Detection in Primary Care in the U.S.: Who is Finding the Cases?

Presenter: Ying Liu

Ying LIU, Wei YE, Andrew BECKER, Soeren MATTHE

¹University of Southern California, Los Angeles, United States

00277 - Odor Identification and Tau Burden in Persons without Dementia: Insights from the Mayo Clinic Study of Aging

Presenter: Mohamed Y. Elminawy

Mohamed Y. ELMINAWY ¹, Jeremiah A. AAKRE ², Jonathan GRAFF-RADFORD ¹, Prashanthi VEMURI ³, Christopher G. SCHWARZ ³, Walter K. KREMERS ², David S. KNOPMAN ¹, Val J. LOWE ³, Clifford R. JACK JR ³, Ronald C. PETERSEN ^{1,2}, Maria VASSILAKI ²

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00233 - Cross-Cohort Validation of Metabolomic Predictors of Global Cognition Using Elastic Net Regression

Presenter: Brandi Vollmer

Brandi VOLLMER ¹, Amaryllis SKYFA ², Christopher PAPANDREOU ², Christian HABECK ¹, Michal BEERI ³, Yaakov STERN ¹, Nikolaos SCARMEAS ¹, Yian GU ¹

¹Columbia University, New York, United States, ²Hellenic Mediterranean University, Chania, United States, ³Rutgers University, New Brunswick, United States

00259 - Sex/gender differences in the associations between parental education and hippocampal volume in the oldest-old: The Life After 90 Study

Presenter: Batool Rizvi

Batool RIZVI ¹, Paola GILSANZ ², Pauline MAILLARD ¹, Maria CORRADA ³, Rachel WHITMER ¹

¹UC Davis, Davis, United States, ²Kaiser Permanente Northern California Division of Research, Pleasanton, United States, ³UC Irvine, Irvine, United States

00243 - Associations between epigenetic and inflammatory aging, cognitive function, and blood-based biomarkers of Alzheimer's disease: cross-sectional and longitudinal findings from the INSPIRE-T cohort

Presenter: Laure Rouch

Samuel THURIOT, Jason SHOURICK, David FURMAN, Jean Marc LEMAITRE, Sophie GUYONNET, Bruno VELLAS, Sandrine ANDRIEU, Laure ROUCH

¹IHU HealthAge, Toulouse, France

00228 - Cardiorespiratory fitness and brain atrophy: Sex differences and potential vascular mechanisms.

Presenter: Adam J. Paulsen

Adam J. PAULSEN ^{1,2}, Ira DRISCOLL ^{1,2}, Brianne M. BREIDENBACH ^{1,2}, Matthew P. GLITTENBERG ^{1,2}, Sarah R. LOSE ^{1,2}, Yue MA ¹, Mark A. SAGER ¹, Catherine L. GALLAGHER ^{3,4}, Sanjay ASTHANA ^{1,2}, Sterling C. JOHNSON ^{1,2}, Bradley T. CHRISTIAN ⁵, Leonardo A. RIVERA-RIVERA ⁵, Oliver WIEBEN ^{5,6}, Dane B. COOK ^{7,8}, Ozioma C. OKONKWO ^{1,2}

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⁸Department of Kinesiology, University of Wisconsin School of Education, Madison, United States

00194 - ABIDEing with automated cerebrospinal fluid assays; update of an MCI to dementia prediction model

Presenter: Pieter Van Der Veere

Pieter VAN DER VEERE ¹, Argonde VAN HARTEN ¹, Stefanie VOS ², Pieter Jelle VISSER ², Sterling JOHNSON ³, Erik STORMRUD ⁴, Oskar HANSSON ⁴, Sebastian PALMQVIST ⁴, Gerard PIÑOL-RIPOLL ⁵, Hans BERKHOF ¹, Wiesje VAN DER FLIER ¹

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00195 - Real-world eligibility for lecanemab and donanemab based on Appropriate Use Recommendations in Korea

Presenter: So Yeon Jeon

So Yeon JEON ¹, Min Soo BYUN ², Hye Ji CHOI ³, Yoon Hee KIM ⁴, Chung Hee GWAG ⁵, Gijung JUNG ⁵, Dong Young LEE ⁵

¹SMG-SNU Boramae Medical Center, Seoul, Republic of Korea, ²Seoul National University College of Medicine, Seoul, Republic of Korea, ³Hallym University Dongtan Sacred Heart Hospital, Gyeonggi, Republic of Korea, ⁴Seoul National University Hospital, Seoul, Republic of Korea, ⁵Seoul National University Hospital, Seoul, Republic of Korea

00236 - Caregiving and Economic Burden of Alzheimer's Disease in Japan

Presenter: Quanwu Zhang

Ran GAO ¹, Kavita NAIR ², Brien SMITH ³, Babak HAJI ¹, Raymond ZHANG ¹, Noemi HUMMEL ⁴, Dave MORTON ⁵, Marta MARTINEZ ⁶, Stephanie READ ⁷, Quanwu ZHANG ¹, Amir Abbas TAHAMI MONFARED ¹

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00208 - High Eligibility of Frail Older Adults with Early AD for Lecanemab Treatment in Real-World Practice: Is There a Need for New Clinical Trials?

Presenter: Federico Bellelli

Federico BELLELLI, Sandrine SOURDET, Gaelle SORIANO, Bruno VELLAS, Davide ANGIONI

¹Centre Hospitalo-Universitaire de Toulouse, Toulouse, France

00152 - Alzheimer's Disease and the subsequent development of stroke

Presenter: Junhong Lee

Junhong LEE

¹Neurology, National Health Insurance Service Ilsan Hospital, Goyang-Si, Republic of Korea

00149 - Deficiency of Osteocalcin Contributes to Cerebral Small Vessel Burden in a Sex-specific Manner in an Urban Aging Population: A Prospective Elderly Cohort Study

Presenter: Weiwei Zhang

Weiwei ZHANG ¹, Yongkang WANG ¹

¹Hefei, China

00111 - Physician perception of treatment landscape and readiness in care delivery with anti-amyloid therapy for Alzheimer's disease in China

Presenter: Quanwu Zhang

Amir Abbas TAHAMI MONFARED ¹, Brien SMITH ², Kavita NAIR ³, Ran GAO ¹, Raymond ZHANG ¹, Babak HAJI ¹, Noemi HUMMEL ⁴, Agnieszka KOPIEC ⁵, Marta MARTINEZ ⁶, Stephanie READ ⁷, Quanwu ZHANG ¹

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10 ● ANIMAL MODEL AND PRECLINICAL TRIALS IN AD

00223 - TRIM21 mediated clearance of intracellular protein pathologies

Presenter: Rakez Kayed

Rakez KAYED

¹University of Texas Medical Branch, Galveston, United States

00076 - Fusing Transferrin Receptor Binders to the A β O-targeting Antibody Sabirnetug Achieves Increased Brain Penetration in Mice While Preserving Target Binding

Presenter: Elizabeth Johnson

Erika CLINE ¹, Shunsuke IIZUKA ², Mahiro KURODA ², Elizabeth JOHNSON ¹, Alex DAVIS ¹, Martin KLEINSCHMIDT ³, Oladayo OLADIRAN ⁴, Jennifer GILLIES ⁴, Jacob WOHLSTADTER ⁴, Thomas LAVOIE ¹, Liean SCHENCK ¹, Mathias SCHMIDT ², Hiroyuki SONODA ², Jasna JERECIC ¹, Paul SHUGHRUE ¹

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³Fraunhofer Institute for Cell Therapy and Immunology IZI, Leipzig, Germany, ⁴Meso Scale Diagnostics, LLC, Rockville, Maryland, United States

00040 - APOE-Targeted Microglia-Specific Epigenome Therapy for Alzheimer's Disease

Presenter: Ornit Chiba-Falek

Boris KANTOR, Bernadette O'DONOVAN, Joseph RITTINER, Ornit CHIBA-FALEK

¹Duke University, Durham, United States

00250 - Administration of benzgalantamine, a galantamine prodrug, reduces multiple forms of hyperphosphorylated Tau and mitigates neuropathology in two animal models of traumatic brain injury: potential implication for reduced dementia risk.

Presenter: Denis Kay

Denis KAY ¹, Michael CHOPP ², Haiyan PANG ², Zheng Gang ZHANG ², Ye XIONG ², Abigail SCHINDLER ³, David COOK ³, James MEABON ⁴

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⁴SIBCR, Seattle, United States

00150 - The APOE4 knock-in APP^{swe}/PSEN1dE9/Tau-P301S triple transgenic (E4-3Tg) mouse model exhibited Tak1-NF- κ B-mediated astrocytic C3 overproduction, neurodegeneration and a severely reduced lifespan.

Presenter: Tatsuhiko Hisatsune

Chenxu LEI, Tatsuhiko HISATSUNE

¹The University of Tokyo, Kashiwa, Japan

00092 - A conditionally activated siRNA (CASI) targeting APOE for the treatment of Alzheimer's Disease

Presenter: Anindya Bhattacharya

Maxine NELSON, Akila RAM, Priya PULYA, Anna BADNER, Marina KOVALIOV, Clara TOURINO, Priyanka SINGH, Shilpi MAHAJAN, Lisa SCHERER, Don BUTTON, Robert DUFF, Dee DATTA, Charles ALLERSON, Anindya BHATTACHARYA

¹Switch Therapeutics, San Francisco, United States

00090 - A conditionally-activated siRNA targeting MAPT for the treatment of tauopathies

Presenter: Anindya Bhattacharya

Clara TOURINO, Marina KOVALIOV, Maxine NELSON, Priya PULYA, Shilpi MAHAJAN, Lisa SCHERER, Abhinav KUMAR, Don BUTTON, Robert DUFF, Dee DATTA, Charles Allerson CHARLES ALLERSON, Craig BLANCHETTE, Anindya BHATTACHARYA

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00112 - Antibody effector function of the murine analogue of Etalanetug drives efficacy in an animal model of pathological tau seeding and spreading

Presenter: Malcolm Roberts

Jane GARTLON, Sonia TALMA, Kavita MISTRY, Malcolm ROBERTS

¹Eisai Ltd., Hatfield, United Kingdom

00058 - SUVN-I6107, a True Positive Allosteric Modulator at Muscarinic M1 Receptor for Treatment of Cognitive Disorders, Update on the Development

Presenter: Vijay Benade

Vijay BENADE¹, Veera Raghava Chowdary PALACHARLA¹, Vinod Kumar GOYAL¹, Jyothsna RAVULA¹, Satish JETTA¹, Renny ABRAHAM¹, Rajeshbabu MEDAPATI¹, Ramkumar SUBRAMANIAN¹, Surendra PETLU¹, Anil SHINDE¹, Ilayaraja KALAIKADHIBAN¹, Ramakrishna NIROGI¹

¹Suven Life Sciences, Hyderabad, India

11 ● NEW THERAPIES AND CLINICAL TRIALS

00286 - Real-world treatment with lecanemab: medically significant and insignificant ARIA, and pseudo-ARIA.

Presenter: Lawrence Honig

Lawrence HONIG - ¹Columbia University, New York, United States

00260 - Reduced brain neuroinflammation after laromestrocel treatment in mild AD: results from the CLEAR MIND study

Presenter: Brian Rash

Brian RASH¹, John REEVES¹, Chris CONKLIN², Madhura INGALHALIKAR³, Nataliya AGAFONOVA¹, Joshua HARE¹

¹Longeveron INC, Miami, United States, ²Clario, Philadelphia, United States, ³Clario, Miami, United States

00249 - A Delphi panel exploring the burden of ARIA management from the provider's perspective

Presenter: Marwan Sabbagh

Marwan SABBAGH¹, Feride FRECH², Chenyue ZHAO², Hideki TOYOSAKI², Richard PERRY³, Medi STONE³, Sophie POPE³, Jerome BARAKOS⁴, Raymond TURNER⁵

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00153 - Clinical trials (phases 1 & 2) of transdermal ALC919 peptide to activate brain mitochondrial complex I

Presenter: Sam Gandy

Sam GANDY¹, Toshiharu SUZUKI², Yasuomi OUCHI³, Hirotochi ADACHI⁴, Eugenii RABINER⁵, Manfred WINDISCH⁶, Mary SANO¹

¹Icahn School of Medicine at Mount Sinai, New York, United States, ²Hokkaido University & Tokyo Metropolitan University, Sapporo & Tokyo, Japan, ³Hamamatsu University School of Medicine, Hamamatsu, Japan, ⁴PassPort Technologies, San Diego, United States, ⁵Perceptive Discovery, London, United Kingdom, ⁶NeuroScios, Graz, Austria

00246 - A Review of Patient Demographics, Clinical Characteristics, Eligibility, and Treatment Planning for lecanemab in an Academic Medical Center

Presenter: Nour Abi Chakra

Nour ABI CHAKRA¹, John DICKSON¹, Liliana RAMIREZ GOMEZ¹, Daniel SAUKKONEN¹, Michael ERKKINEN¹

¹Mass General Brigham, Boston, United States

00235 - MTX46943, a Novel TREM2 Small Molecule Agonist For The Treatment of Early-Stage Alzheimer's Disease

Presenter: Niels Plath

Manuela POLYDORO¹, Ivana GERIC², Jin ZHENG¹, Tina SOMMER BISGAARD¹, Ashley COMER¹, Laura SANS¹, Joachim VILSTRUP¹, Leen WOLFS², Arya NAIR², Morten S. ANDERSEN¹, Ninna FREDERIKSEN¹, Peter FLAGSTAD¹, Maria DALBY¹, Rita BALICE-GORDON¹, Niels PLATH¹

¹Muna Therapeutics, Copenhagen, Denmark, ²Muna Therapeutics, Leuven, Belgium

00166 - International Registry for Alzheimer's Disease and Other Dementias (InRAD): design, data model, and interoperability

Presenter: Robert Perneczky

Casper DE BOER ¹, Jean VONSY ², Johan VAN BEEK ², Robert HYDE ², Chen WANG ³, Giovanni FRISONI ³, Wiesje VAN DER FLIER ⁴, Jung-Lung HSU ⁵, Frank JESSEN ⁶, Robert PERNECZKY ^{7,8,9}

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00103 - Effects of Lecanemab in Chinese Patients with Early Alzheimer's Disease: Evidence from a Multidimensional Real-World Study

Presenter: Kang Wenyan

Kang WENYAN ^{1,2}, Gao CHAO ¹, Li XIAOYAN ², Wang XIAOXUE ³, Zhong HUIZHU ², Wei QIAO ², Tang YONGHUA ^{4,5}, Huang PEIJIAN ^{2,1}, Shen RUINAN ¹, Chen LINGYUN ⁶, Zhang JING ⁴, Fang RONG ⁴, Wei WEI ⁷, Zhang FENGJUAN ⁷, Liu JUN ¹

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00119 - Safety, Pharmacokinetics and Cardiodynamics of CMS121, a Novel Small Molecule Fisetin Derivative with Neuroprotective Properties, in Phase 1 Healthy Adult Volunteers

Presenter: Pamela Maher

Pamela MAHER ¹, Ronald CHRISTOPHER ², Rebecca EVANS ², William RASCHKE ²

¹Salk Institute, La Jolla, United States, ²Virogenics, San Diego, United States

00110 - Study Design in a Phase 2a Registration Trial for OAB-14 in the Treatment of Mild Cognitive Impairment (MCI) or Mild and Moderate Dementia due to Alzheimer's Disease

Presenter: Tang Yi

Tang YI ¹, Zheng ZHONGHUI ², Wang YIYUN ²

¹Xuanwu Hospital Capital Medical University, Beijing, China, ²Shandong Xinhua Pharmaceutical Company Limited, Zibo, China

00046 - THN391 – A Novel, First-In-Class Anti-fibrin Antibody for Treatment of Inflammation in Alzheimer's Disease: An Ongoing Phase 1b Study for the Treatment of Early Alzheimer's Disease

Presenter: Brad Navia

Brad NAVIA ¹, Aaron KANTOR ¹, Tanja HOFFMAN ¹, June KAPLOW ¹, Henk MUTSAERTS ², Frederik BARKHOF ², Khalid ABD-ELAZIZ ³, E. (Jort) VIJVERBEG ², Catherine MUMMERY ⁴, Craig RITCHIE ⁵

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00010 - PNA5 For Treatment of Vascular Dementia: Composite Serum Biomarkers for VCID Patients Enrollment Stratification.

Presenter: Meredith Hay

Meredith HAY ^{1,2,3}, Lee RYAN ^{1,4}, Nancy SWEITZER ⁵, Christina HOYER-KIMURA ¹

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00292 - Region-Specific Effects of 40Hz Transcranial Current Stimulation (tACS) on EEG Activity in Patients with Mild Cognitive Impairment

Presenter: Do Hoon Kim

Do Hoon KIM¹

¹Department of Psychiatry, Chuncheon Sacred Heart Hospital, Hallym University College of Medicine, Chuncheon, Gangwon, Korea

00257 - Barriers to Current Anti-Amyloid β Infusion Therapies for Alzheimer's Disease and Preferences for Future Treatment: A Quantitative Survey

Presenter: Chad Swanson

Abigail SILBER¹, Amod ATHAVALE¹, Matthew O'HARA¹, Preeti S. BAJAJ², Chad SWANSON²

¹Trinity Life Sciences, Waltham, Ma, United States, ²Prothena Biosciences, Inc, Brisbane, Ca, United States

00221 - Design and Rationale for a Study to Evaluate Blood and Imaging Biomarkers of Personalized Neuromodulation Therapy of the Default Mode Network in patients with Alzheimer's Disease

Presenter: Lisa Fosdick

Lisa FOSDICK¹, Giacomo KOCH^{2,3}

¹Synaptica Therapeutics, Cambridge, United States, ²Santa Lucia Foundation IRCCS, Rome, Italy, ³University of Ferrara, Ferrara, Italy

00229 - Evaluation of an ultra-high-frequency visual stimulation intervention on mild cognitive impairment and Alzheimer's Disease

Presenter: Julian Keil

Julian KEIL^{1,2,3}, Maria BUTHUT¹, Ravit HADAR³, Jana FASS⁴, Liam DOHERTY³, Jakob LITSCH³, Nikolett GAJDA³, Victor HERNANDEZ-URBINA³, Fabian QUEISNER³, Markus MÜSCHENICH³, Surjo SOEKADAR¹

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00064 - Phase 1, Multiple Ascending Dose Study of a Novel Orally Administered Mitochondria-Directed Drug Candidate (SUL-238) in Healthy Volunteers

Presenter: Nadir Ulu

Nadir ULU¹, Daniël H. SWART^{2,3}, Zafer SEZER^{4,5}, Ahmet INAL^{4,5}, Mustafa M. MAZICIOGLU⁶, Sedat ALTUG⁷, Serhat KOZLU¹, Adrianus C. VAN DER GRAAF³, Robert H. HENNING², Guido KRENNING^{2,3}, Murat EMRE⁸

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00067 - A First-in-Human, Single Dose-Escalation Study of CM383, a Novel Anti- Amyloid Beta antibody, in healthy volunteers

Presenter: Qing Wen

Kun HE¹, Cuigang LI¹, Yaoqi HAN¹, Yanshuang LI¹, Ning LI¹, Libo ZHANG², Zhichuan LI², Jingyue MA², Bo CHEN², Qing WEN¹

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00057 - Masupirdine (A Pure 5-HT₆ Receptor Antagonist): Update on the Phase-3 Clinical Study Targeting Agitation in Patients with Dementia of Alzheimer's Type

Presenter: Pradeep Jayarajan

Pradeep JAYARAJAN¹, Jyothsna RAVULA¹, Satish JETTA¹, Vinod Kumar GOYAL¹, Vijay BENADE¹, Anil SHINDE¹, Santosh Kumar PANDEY¹, Ramkumar SUBRAMANIAN¹, Abdul Rasheed MOHAMMED¹, Ramakrishna NIROGI¹

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12 ● PROOF OF CONCEPT FOR ALZHEIMER DRUG DEVELOPEMENT INTERVENTIONS

00276 - Optimized Delivery of Anti-Amyloid Therapeutics using Brain Shuttles against Novel Blood-Brain-Barrier Receptors

Presenter: Naveen Mehta

Naveen MEHTA¹, Alvaro GARCIA¹, Isabel ALBUJA¹, John AVERA¹, Alex REIS¹, Kimberly SCEARCE-LEVIE¹, Gleb KUZNETSOV¹, Pierce OGDEN¹

¹Manifold Bio, Boston, United States

00266 - Targeting of A β toxic oligomers via a designed peptide reduces plaque formation in an AD mouse model

Presenter: Carolyn Tallon

Carolyn TALLON¹, Sebastien PRADEL¹, Koya YAKABI¹, Emma BREYAK¹, Catalina PASCUALY¹, Chandresh GAJERA¹, Jeff POSAKONY¹, Gil BLOCK¹, Valerie DAGGETT¹

¹AltPep Corporation, Seattle, United States

00256 - A treatment management platform to enable safe, scalable deployment of disease-modifying therapies in Alzheimer's disease

Presenter: Adrián Noriega De La Colina

Adrián NORIEGA DE LA COLINA^{1,2,3}, Jorge J. LLIBRE-GUERRA⁴, Mario MASELLIS^{5,6}, Eric E. SMITH^{7,8}, Zahinoor ISMAIL^{7,8}, Nikolaos SCARMEAS^{9,10}, Sinjan GHOSH¹¹, Nilton CUSTODIO¹², Gerard PIÑOL-RIPOLL¹³, Paolo VITALI^{1,14}, Pedro ROSA-NETO^{1,15,2,16}, Mercè BOADA^{17,18}, Serge GAUTHIER^{1,19,20}, Christian DANSEREAU³, Andrew FRANK^{21,22}

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00061 - The brain permeable immunoproteasome-selective inhibitor AR-01 is a promising drug candidate for Alzheimer's disease

Presenter: Ji Eun Park

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00100 - Efferocytosis-Driven Reduction of Neuroinflammation by Novel GAS6 Fusion Protein (GAIA) in Anti-A β Immunotherapies

Presenter: Jinkyung Lee

Soomin JI, Jinkyung LEE, Juho LEE, Sanghoon PARK

13 • TRANSLATIONAL RESEARCH

00285 - The Global Neurodegeneration Proteomics Consortium (GNPC) V2: Expanding Real-World Proteomics to include lifestyle and drug interventions, additional geographies, and multiple proteomic platforms

Presenter: Farhad Imam

Farhad IMAM¹, Simon LOVESTONE², Krish VARSHA¹, Martin BRINGMANN²

¹Gates Ventures, Seattle, United States, ²Johnson & Johnson, London, United Kingdom

00271 - Translational Progress of NA-831, NA-911, and NA-931: Clinical Evidence Supporting a Unified Theory for Alzheimer's Disease, Stroke, and Obesity

Presenter: Lloyd Tran

Lloyd TRAN, Fern VU, Zung TRAN

Biomed Industries, Inc., San Jose, United States

00238 - Biallelic Human Genetic Background: Foundation for Divergent Pathomechanisms

Presenter: Kinga Szigeti

Kinga SZIGETI¹, Ivanna IHNATOVYCH¹, Nicolas ROSAS¹, Michael DWYER¹, Niels BERGSLAND¹, Ralph BENEDICT¹, Robert ZIVADINOV¹

¹University at Buffalo, Buffalo, United States

00037 - Tau kinetics in primary tauopathies

Presenter: Chihiro Sato

Chihiro SATO^{1,2}, Ross PATERSON^{2,3,4,5}, Bruce PATTERSON⁶, Donald ELBERT⁷, Kanta HORIE^{1,2}, Nicolas BARTHELEMY^{1,2}, Yingxin HE^{1,2}, Melody LI^{1,2}, Gregory DAY⁸, Albert DAVIS^{1,9}, Randall BATEMAN^{1,2,9,10}, Nupur GHOSHAL^{1,9,10}

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00031 - Exploration of Longitudinal Changes in Gut Microbiome Composition Stratified by Amyloid Status

Presenter: Jea Woo Kang

Jea Woo KANG¹, Rob KNIGHT², Rima KADDURAH-DAOUK³, Sterling C. JOHNSON¹, Sanjay ASTHANA¹, Cynthia M. CARLSSON¹, Nathaniel A. CHIN¹, Sandra HARDING¹, Kaj BLENNOW⁴, Henrik ZETTERBERG⁴, Tobey BETTHAUSER¹, Bradley CHRISTIAN¹, Tyler K. ULLAND⁵, Federico E. REY⁶, Barbara B. BENDLIN¹

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00134 - Associations Between Alzheimer's Disease and Stroke: Clinical Studies of NA-831 for AD and for Stroke

Presenter: Lloyd Tran

Lloyd TRAN¹, Fern VU¹, Zung TRAN¹

¹BioMed Industries, Inc., San Jose, United States

00130 - Associations Between Alzheimer's Disease and Obesity: Clinical Trials of NA-831 for AD and NA-931 for the Treatment of Obesity

Presenter: Lloyd Tran

Lloyd TRAN¹, Fern VU¹, Zung TRAN¹

¹Biomed Industries, Inc., San Jose, United States

00102 - Tfr1-binding peptides to transport antibodies across blood brain barrier in cynomolgus monkeys

Presenter: Hao Wu

Hao WU, Xuefeng ZHANG¹, Yibo QIU¹, Fei SHENG¹, Yue WU¹

¹ChainGen Bio, Shanghai, China

00065 - Binding profiles of lecanemab and other amyloid-beta antibodies to amyloid-beta species isolated from Alzheimers's disease brain

Presenter: Lars Lannfelt

Lars LANNFELT¹, Linda SÖDERBERG², Malin JOHANNESSON², Eleni GKANATSIU², Nicolas FRITZ², Charlotte SAHLIN², Patrik NYGREN², Olof ZACHRISSON², Christer MÖLLER²

¹Uppsala University, Uppsala, Sweden, ²BioArctic AB, Stockholm, Sweden

00045 - A diagnostic and prognostic plasma omics-biomarkers panel for Alzheimer's Disease based on microglial single-cell transcriptomics

Presenter: Ornit Chiba-Falek

Michael LUTZ, Ornit CHIBA-FALEK

¹Duke University, Durham, United States

00197 - Plasm p-tau217 predictive ability of Cognitive and Functional Decline in Non-demented Amyloid PET positive Older Individual: Three-year follow up data from Japanese Trial Ready cohort for preclinical and prodromal AD.

Presenter: Yoshiki Niimi

Yoshiki NIIMI¹, Saki NAKASHIMA¹, Kenichiro SATO¹, Kensaku KASUGA², Takeshi IKEUCHI³, Takeshi IWATSUBO⁴

¹The University of Tokyo Hospital, Tokyo, Japan, ²National Center for Geriatrics and Gerontology, Aichi, Japan, ³Niigata University, Niigata, Japan, ⁴National Center of Neurology and Psychiatry, Tokyo, Japan

00173 - Amyloid aggregation inhibition by physiological levels of dopamine: towards levodopa drug reformulation for correcting mild dopamine deficits and delaying Alzheimer's disease progression

Presenter: Joana Saavedra

Joana SAAVEDRA¹, Zsuzsa SÁRKÁNY¹, Isabel CARDOSO¹, Sandra MACEDO-RIBEIRO¹, Pedro M MARTINS¹

¹i3S, Porto, Portugal

00144 - Functional decline associated with all-cause mortality in patients with mild cognitive impairment and Alzheimer's dementia in real-world clinical practice

Presenter: Ying Wang

Peter MORIN¹, Ying WANG², Joel REISMAN³, Dan BERLOWITZ³, Donald MILLER³, Wen HU³, Shou-En LU⁴, Raymond ZHANG⁵, Amir Abbas TAHAMI MONFARED⁵, Quanwu ZHANG⁵, Weiming XIA¹

¹Boston University, Boston, United States, ²Wentworth Institute of Technology, Boston, United States, ³University of Massachusetts, Lowell, United States, ⁴Rutgers University, Piscataway, United States, ⁵Eisai, Inc, Nutley, United States

00089 - Integrating Cognitive and Biological Signals in Early Alzheimer's: Predicting p217tau and MCI using the multi-modal Altoida NeuroMarker Platform

Presenter: Nicholas Griffin

Nicholas GRIFFIN¹, Srinivasan VAIRAVAN², Gallen TRIANA-BALTZER³, Anahita KYANI², Ziad SAAD³, Meenakshi KHARE⁴, Kara BARTONE³, Silvia FALLONE¹, Victoria BRUGADA-RAMENTOL¹, M. Florencia IULITA¹, Marc JONES¹, Gayle WITTENBERG², Emmanuel STREEL¹

¹Altoida, Washington, Dc, United States, ²JNJ Innovative Medicine, Titusville, New Jersey, United States, ³JNJ Innovative Medicine, San Diego, California, United States, ⁴Quanterix, Billerica, Massachusetts, United States

14 ● BEYOND AMYLOID AND TAU

00264 - Development of Potent, Selective cPLA2 Inhibitors for Targeting Neuroinflammation in Alzheimer's Disease

Presenter: Amy Wang

Amy WANG¹, Anastasiia SADYBEKOV², Marlon DURO², Xiaohui YU², Stan LOUIE², Shaowei WANG², Vsevolod KATRITCH², Hussein YASSINE²

¹PebRx, Los Angeles, United States, ²USC, Los Angeles, United States

00068 - Misfolding of alpha-synuclein as a blood based fluid biomarker for Parkinson's disease

Presenter: Klaus Gerwert

Klaus GERWERT¹

¹Centre for Protein Diagnostics/Ruhr University Bochum, Bochum, Germany

00117 - Relationships between near end-of-life plasma biomarkers and postmortem cerebral and vascular amyloid, tau, TDP-43, and alpha-synuclein measurements

Presenter: Alpina Singh

Alpina SINGH¹, Marisa DENKINGER¹, Kewei CHEN², Kari DIECKHOFF¹, James LIU¹, Taina MARQUES¹, Geidy E. SERRANO¹, Thomas G. BEACH¹, Antoine LEUZY¹, Alireza ATRI¹, Eric M. REIMAN², Nicholas J. ASHTON^{2,1}

¹Banner Health, Sun City, United States, ²Banner Alzheimer's Institute, Phoenix, United States

00203 - Fanning the flames: Did COVID-19 accelerate progression of Alzheimer's disease in the ADNI cohort?

Presenter: Patricia Andrews

Patricia ANDREWS, Ke XU, Kiara BAKER, Kathleen MATHER, Brian BOYD, Hakmook KANG, Warren TAYLOR, Paul NEWBOUSE

¹Vanderbilt University Medical Center, Nashville, United States

00190 - Degenerative Pathologies on Cortical Biopsy, Dopaminergic Depletion, and Shunt Efficacy in iNPH

Presenter: Byoung Seok Ye

Minsun CHOI^{1,2}, Su-Hee JEON¹, Sohyeon LEE¹, Yeoju KIM¹, Byoung Seok YE^{1,2}

¹Yonsei University College of Medicine, Seoul, Republic of Korea, ²Metabolism-Dementia Research Institute, Seoul, Republic of Korea

00093 - Perceptions of and Engagement in Brain Health Activities Among Middle-Aged and Older Adults: Associations with Level of Concern, Family History of Dementia, Subjective Memory Loss, and Demographics

Presenter: Raymond L. Ownby

Raymond L. OWNBY¹, Gesulla CAVANAUGH¹, Shannon WEATHERLEY¹, Shazia AKHTARULLAH¹, Joshua CABALLERO²

¹Nova Southeastern University, Fort Lauderdale, United States, ²University of Georgia, Athens, United States

00004 - Early microglial activation and astrogliosis in preclinical Alzheimer's disease

Presenter: Marta Fernández-Matarrubia

Marta FERNÁNDEZ-MATARRUBIA¹, Andrea VALERA-BARRERO², Mónica RENUNCIO-GARCÍA³, Marcos AGUILELLA⁴, Carmen LAGE¹, Gonzalo OCEJO-VIÑALS³, Sara LÓPEZ-GARCÍA¹, Francisco MARTÍNEZ-DUBARBIE¹, Ana POZUETA-CANTUDO⁴, María GARCÍA-MARTÍNEZ⁴, María BRAVO⁴, Andrea CORRALES-PARDO⁴, Juan IRURE-VENTURA³, Pascual SÁNCHEZ-JUAN⁵, Eloy RODRÍGUEZ-RODRÍGUEZ⁶

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15 ● CLINICAL TRIALS EARLY CAREER INVESTIGATOR SHOWCASE

00282 - Plasma and CSF proteomic signatures of lifestyle activities: a search for biomarkers of cognitive reserve in the Stanford Aging and Memory Study (SAMS)

Presenter: Irina Skylar-Scott

Olivia LU ¹, Patricia MORAN LOSADA ¹, Amelia FARINAS ¹, Veronica BOT ¹, Daisy DING ¹, Zihuai HE ¹, Valerie CARR ², Hillary VOSSLER ¹, Jennifer PARK ¹, Sharon SHA ¹, Tony WYSS-CORAY ¹, Elizabeth MORMINO ¹, Anthony WAGNER ¹, Irina SKYLAR-SCOTT ¹

¹Stanford University, Palo Alto, United States, ²San Jose State University, San Jose, United States

00269 - Testing and Tailoring Group Cognitive Behavioral Therapy for Insomnia (CBTi) with Persons with Early-Stage Alzheimer's disease and their Care Partners

Presenter: Inga Antonsdottir

Inga ANTONSDOTTIR, Molly ATWOOD, Constantine LYKETSOS

¹Johns Hopkins School of Medicine, Baltimore, United States

00118 - MRI utilization for ARIA response in patients receiving lecanemab

Presenter: Giovanna Pilonieta

Giovanna PILONIETA ^{1,2}, Karen FAHNESTOCK ¹, Christina MAMAEVA ¹, Laurie MORRISON ¹, Danielle WILLS ¹, Maria PISU ^{3,4}, David GELDMACHER ^{1,5}

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00115 - Feasibility and accuracy of the LILA app: Pilot study of a fully remote, self-administered, verbal list learning task for community cognitive screening

Presenter: Karra D. Harrington

Karra D. HARRINGTON ¹, Jess SEGURA ¹, Shannon ARCHER ¹, Laura MILLER ¹, Ruth RAY ¹, Najeeba FAROUK ¹, Anders NORDBLOM ², Sophia LERDAHL ², Kaycee M. SINK ¹, Pam VENTOLA ¹

¹Cogstate Ltd, New Haven, United States, ²Asteroidea Ventures LLC, DBA Formative, Seattle, United States

00033 - A preliminary study on the effectiveness of therapeutic agricultural programs for healthy individuals and patients with dementia

Presenter: Bon D. Ku

Bon D. KU ¹, Boram KIM ², Nayeon LEE ², Hong Mo KU ³, Jeon YESEO ⁴

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00029 - Broad Repetitive Transcranial Magnetic Stimulation (rTMS) of the Precuneus in Alzheimer's Disease: A Rationale, Study Design, and Preliminary Open-Label Data

Presenter: Michael Leuchter

Michael LEUCHTER ¹, Hanadi OUGHLI ¹, Kelly DURBIN ¹, Nicholas JACKSON ¹, David ELASHOFF ¹, Timothy CHANG ¹, Juliana CORLIER ¹, Cole MATTHEWS ¹, Julia SUN ¹, Darice WONG ¹, Brent FOGEL ¹, Andrew LEUCHTER ¹, Keith VOSSEL ¹, Nanthia SUTHANA ²

¹UCLA, Los Angeles, United States, ²Duke, Durham, United States

00290 - A digital cognitive assessment to rule out Vascular Cognitive Impairment for AD clinical trials

Presenter: Adnan Azam Mohammed

Adnan Azam MOHAMMED¹

¹NTU Singapore, Singapore

00288 - Combining Digital Cognitive Biomarkers and pTau181 and plasma NfL outperforms biomarkers in identifying Mild Cognitive Impairment for clinical trials

Presenter: Adnan Azam Mohammed

Adnan Azam MOHAMMED

¹NTU Singapore, Singapore

00136 - Validating a Multi-Domain Digital Endpoint Platform (NeuLogiq) for Decentralized Alzheimer's Trials: Results from the CNS-101 Study

Presenter: Brian Murphy

Brian MURPHY¹, Alison BUICK², Shannon DIGGIN², Ruth MCKERNAN³, James B. ROWE⁴, Laura RUEDA-DELGADO¹

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00051 - Double XpressO: repeated online prescreening of cognitive impairment

Presenter: Willem Huijbers

Willem HUIJBERS¹, Hans-Aloys WISCHMANN², Kacylia PISTOIA³, Joana KRIEGER³, Johanna GRUBER³, Murray GILLIES¹, Ziad NASREDDINE³

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00199 - Adherence to a multi-domain, person-centered, dementia risk factor management intervention to prevent cognitive decline (The BetterBrains Trial)

Presenter: Yen Ying Lim

Emily ROSENICH¹, Darshini AYTON¹, Stephanie PIROTTA¹, Hannah CUMMINS¹, Samantha DE ARAUGO¹, Amelia BEVINS¹, Catherine ROBB¹, Paul MARUFF², Yen Ying LIM¹

¹Monash University, Melbourne, Australia, ²Cogstate Ltd., Melbourne, Australia

00164 - Digitally supported lifestyle program to promote brain health among older adults - the LETHE pilot trial: Results of a randomized controlled trial

Presenter: Helena Untersteiner

Helena UNTERSTEINER¹, Anna ROSENBERG², Anna Giulia GUAZZARINI³, Konsta VALKONEN², Alara ABACI⁴, Markus BÖDENLER⁵, Jeroen BRUINSMA⁶, Hannes HILBERGER⁵, Vasileios S. LOUKAS⁷, Miia KIVIPELTO⁴, Sten HANKE⁵, Francesca MANGIALASCHE⁴, Patrizia MECOCCHI³, Tiia NGANDU², Elisabeth STÖGMANN¹

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00109 - A Holistic Approach for Understanding Alzheimer's Disease via Wearables, Speech, and eCOA

Presenter: Kevin Machado Gamboa

Kevin MACHADO GAMBOA¹, Brett MEYER², Paul O'DONOHUE¹

¹Medidata, London, United Kingdom, ²Medidata, Vermont, United Kingdom

00091 - Impact of Telemedicine on Time and Process Measures Associated with Detection and Diagnosis of Alzheimer's Disease

Presenter: Eric Klein

Eric KLEIN¹, Eric ANDERSON², Chad PANNUCCI¹, Jiaying GUO¹, Aadrika AADRIKA¹, Bert VARGAS¹, Julie BEYERER¹

¹Eli Lilly and Company, Indianapolis, United States, ²Syanpticulture, Chicago, United States

00039 - A Digital Olfactory Biomarker Platform for Prognostic Enrichment of Neurodegeneration

Presenter: Subhanjan Mondal

Subhanjan MONDAL¹, Sara MOUSTAFA², Levi MUYELA³, Anne GITERE³, Anne NYAMBURA³, Karen BLACKMON³, Farooq WAHEED¹, Mie RIZIG⁴, Mohamed SALAMA², Irene MEIER⁵, Vaibhav NARAYAN⁵

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00220 - In-Air-Time during Drawing Tests as a Potential Predictor of Amyloid Positivity in Mild Cognitive Impairment Patients

Presenter: Ko Woon Kim

Ko Woon KIM^{1,2}, Byoung-Soo SHIN³

¹Beth Israel Hospital, Harvard Medical School, Boston, United States, ²Jeonbuk National University Medical School and Hospital, Jeonju, Republic of Korea, ³Jeonbuk National University Medical School and Hospital, Jeonju, Republic of Korea

00216 - Real-World Care of Alzheimer's Disease Patients (n=2,358) in Germany: Insights from Registry of the Neurologists Network NeuroTransData (NTD) using the Physician/Patient Platform (DESTINY)

Presenter: Arnfin Bergmann

Arnfin BERGMANN¹, Stefan BRAUNE¹, Oliver FASOLD¹, Niloofar TAVAKOLI¹, Ntd STUDY GROUP¹

¹NeuroTransData GmbH, NTD Study Group, Neuburg an der Donau, Neuburg, Germany

00094 - Leveraging the FTD Disorders Registry to Enhance Clinical Trial Recruitment in Frontotemporal Degeneration

Presenter: Shana Dodge

Mary KRAUSE¹, Carrie MILLIARD², Reinecker ROBERT³, Sweatha REDDY⁴, Shana DODGE⁵, Penny DACKS⁶

¹FTD Disorders Registry, Norristown, United States, ²FTD Disorders Registry, Scarborough, United States, ³FTD Disorders Registry, Myrtle Beach, United States, ⁴FTD Disorders Registry, Jessup, United States, ⁵Association for Frontotemporal Degeneration, Philadelphia, United States, ⁶Association for Frontotemporal Degeneration, Brecksville, United States

00055 - Exploring Persona-Based Large Language Model Simulation for Social Surveys on Dementia Treatment

Presenter: Kenichiro Sato

Kenichiro SATO¹, Yoshiki NIIMI¹, Saki NAKASHIMA¹, Ryoko IHARA², Kazushi SUZUKI³, Atsushi IWATA², Takeshi IWATSUBO¹

¹The University of Tokyo Hospital, Tokyo, Japan, ²Tokyo Metropolitan Institute for Geriatrics and Gerontology, Tokyo, Japan, ³National Defense Medical College, Saitama, Japan

00063 - Preliminary Efficacy of the Healthy Actions and Lifestyles to Avoid Dementia (HALT-AD) Program for Enhancing Dementia-Risk Knowledge, Self-Efficacy, and Diet Quality in Primary-Care Patients

Presenter: Sarah Banks

Sarah BANKS¹, Sara MOUKARZEL¹, Ashley ROBLES¹, Ammar MANDVI¹, Breanna HOLLOWAY¹, Jordan STIVER¹

¹UC San Diego, San Diego, United States

17 ● ARTIFICIAL INTELLIGENCE IN AD CLINICAL TRIALS

00294 - Optimized Convolutional Neural Network with ESOA Model for prediction of Alzheimer's disease

Presenter: Satyanarayana Murthy Nimmagadda

Satyanarayana Murthy NIMMAGADDA¹

¹V R SIDDHARTHA ENGG COLLEGE, Vijayawada, India

00182 - AI+MRI imaging biomarker for clinical characterization of Alzheimer's disease biological heterogeneity

Presenter: Joon-Kyung Seong

Tae Youn KWON¹, Yeong-Hun JEON¹, Yeong-Hun SONG¹, Wha Jin LEE¹, Joon-Kyung SEONG¹, Jeong-Yeon SONG¹

¹Neuroxt, Seoul, Republic of Korea

00273 - Simulating cognitive decline using generative AI model

Presenter: Joon-Kyung Seong

Yeong-Hun SONG^{1,2}, Youn Kwon TAE^{1,2}, Wha Jin LEE², Joon-Kyung SEONG^{1,3,2}

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00278 - Improving the Quality of Life of Older Adults with Dementia Using Ryan, A Social CompanionBot

Presenter: Mohammad Mahoor

Mohammad MAHOOR¹, Stephanie MELGAR-DONIS¹, Daniel PITTMAN², Lombe CHILESHE¹, Hojjat ABDOLLAHI¹, Eshrat EMAMIAN³

¹University of Denver, Denver, United States, ²Metro Politan State University of Denver, Denver, United States, ³DreamFace Technologies, Denver, United States

00237 - Deep Learning Digital Twins Forecast Future Cognitive Progression

Presenter: Mohammad Mahoor

Muath ALSUHAIBANI^{1,2}, Mohammad MAHOOR^{1,2}

¹University of Denver, Denver, United States, ²DreamFace Technologies, LLC, Centennial, United States

00106 - Post hoc data-driven subgroup analysis of the A4 Study: spatiotemporal atrophy predicts differential treatment response to solanezumab

Presenter: Neil Oxtoby

Cameron SHAND^{1,2,3}, An ZHAO^{1,2}, Pawel MARKIEWICZ^{1,4}, Gonzalo CASTRO LEAL^{1,2}, David CASH^{1,5}, Daniel ALEXANDER^{1,2}, Michael DONOHUE⁶, Frederik BARKHOF^{1,7,8}, Neil OXTOBY^{1,2}

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00116 - Identifying and mitigating site-level data integrity risks in Alzheimer's trials using subject-level heuristics and a novel machine learning framework

Presenter: Joseph Geraci

Joseph GERACI^{1,2,3,4}, Christian CUMBAA¹, Bessi QORRI¹, Larry ALPHS¹, Luca PANI^{5,6}, Patrick O'KEEFE⁷, Suzanne HENDRIX⁷

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00071 - Speech Biomarker for Cognition and Correlation with Clinical Outcome Measures Over Time in Preclinical Alzheimer's Disease

Presenter: Alexandra König

Alexandra KÖNIG ¹, Elisa MALLICK ¹, Johannes TRÖGER ¹, Oriol GRAU-RIVERA ², Andreea RADOI ², Claudia PORTA-MAS ²

¹ki:elements, Saarbrücken, Germany, ²Barcelonaβeta Brain Research Center (BBRC), Pasqual Maragall Foundation, Barcelona, Spain

00070 - Development of a Community-Based Predictive Model for Mild Cognitive Impairment Using Digital Clock Drawing and Complex Figure Tests

Presenter: Ruochen Li

Xiaonan ZHANG ¹, Ruochen LI ², Yang LI ¹

¹First Hospital of Shanxi Medical University, Taiyuan, China, ²University of California, Davis, United States

00005 - Digital Detection of Dementia in Primary Care: A Pragmatic Cluster-Randomized Controlled trial

Presenter: Malaz Boustani

Malaz BOUSTANI ¹, Zina BIN MILED ², Arthur OWORA ¹, Nicole FOWLER ¹, Galvin JAMES ³

¹Indiana University, Indianapolis, United States, ²Lamar University, Beaumont, United States, ³University of Miami, Miami, United States

00248 - Assessing variability in brain segmentation across multiple recent automated methods

Presenter: Thomas Cajgfinger

Cheng C.J. CHU ^{1,2}, Thomas CAJGFINGER ¹, Joël SCHAËRER ³, Po-Han CHEN ⁴, Janos SZALMA ⁵, Chris CONKLIN ⁶, Madhura INGALHALIKAR ⁶, David SCOTT ⁶, Alessandro DELMONTE ¹, Luc BRACOD ¹

¹Clario, Lyon, France, ²Wistron ITS, Taipei, Taiwan, Republic of China, ³Clario, Geneva, Switzerland, ⁴Clario, Estenfeld, Germany, ⁵Clario, Budapest, Hungary, ⁶Clario, Philadelphia, United States

00242 - Improving FreeSurfer robustness by integrating automated failure detection using Artificial Intelligence for consistent quantitative biomarker extraction

Presenter: Thomas Cajgfinger

Thomas CAJGFINGER ¹, Alessandro DELMONTE ¹, Joël SCHAËRER ², Po-Han CHEN ³, Joonmi OH ⁴, Qui CAO ⁴, Madhura INGALHALIKAR ⁴, Chris CONKLIN ⁴, David SCOTT ⁴, Luc BRACOD ¹

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00085 - Large Language Models for Clinical Dementia Rating Severity Assessment: Domain-Specific Performance Analysis

Presenter: Hahyun Lee

Hahyun LEE ^{1,2}, Da Young OH ^{1,3}, Jun-Young LEE ^{1,2,3}

¹Department of Psychiatry, Seoul Metropolitan Government-Seoul National University College Boramae Medical Center, Seoul, Republic of Korea, ²Interdisciplinary Program in Cognitive Science, Seoul National University, , Seoul, Republic of Korea, ³Department of Biomedical Sciences, Seoul National University, Seoul, Republic of Korea

00043 - Tracking Cognitive Change over Time Using a Remote Telephone-Based AI-Driven Digital Cognitive Assessment

Presenter: Alexandra König

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