

Times are listed in North American Central Time and "hybrid hub" local times.

**SCIENTIFIC PROGRAM COMMITTEE**
**Manchester, United Kingdom**

Adam Smith  
Amanda Heslegrave

**Montevideo, Uruguay**

Andrés Damian  
Francesca Mariani

**Nnewi, Nigeria**

Chukwuanugo Ogbuagu  
Uzoma Okereke

**Prishtina, Kosovo**

Egzona Morina  
Bardhë Agaj

**San Jose, Costa Rica**

Jorge Mario León Salas  
Sylvia Josephy-Hernandez

**Sydney, Australia**

Diana Karamacoska  
Zara Page

**Monday, February 23**
**LIVE FROM SYDNEY, AUSTRALIA HUB**

<b>MONDAY</b> Central Standard Time	<b>TUESDAY</b> AEDT Time	<b>Presentation</b>
5 p.m.	10 a.m. +1	<b>Welcome: Introduction to the Region</b>
5:05-5:25 p.m.	10:05-10:25 a.m.	<b>Plenary Presentation</b> <i>Global Perspectives: Advancing Dementia Research through an Inclusive Lens</i> Rachel Buckley, Harvard University, United States
5:25-5:35 p.m.	10:25-10:35 a.m.	<b>Plenary Q&amp;A</b>
5:35-5:55 p.m.	10:35-10:55 a.m.	<b>Lightning Presentation Round</b> <i>Stability Of Sleep Quality And Its Association With Cognitive Function Across The Lifespan</i> Tergel Namsrai, Australian National University, Australia  <i>Implementing, Evaluating, And Sustaining A Multicomponent Dementia Rehabilitation Program In Australia</i> Nathan D'Cunha, University of Canberra, Australia  <i>Guidelines For Cognitive Disorders In Parkinson's Disease</i> Dana Pourzinal, The University of Queensland, Australia  <i>Comproact: Co-designing A Culturally Informed, Community-centred Approach To Dementia Care For Community Health And Wellbeing Workers</i> Pallavi Nair, Imperial College London, United Kingdom
5:55-6 p.m.	10:55-11 a.m.	<b>Closing Remarks</b>

# Tuesday, February 24

## LIVE FROM MONTEVIDEO, URUGUAY HUB

Central Standard Time	UYT Time	Presentation
11 a.m.	2 p.m.	<b>Welcome: Introduction to the Region</b>
11:05-11:25 a.m.	2:05-2:25 p.m.	<b>Plenary Presentation</b> <i>Global Perspectives: Integrative Dementia Care and Lifestyle-Based Approaches in Latin America</i> Lucía Crivelli, FLENI, Argentina
11:25-11:35 a.m.	2:25-2:35 p.m.	<b>Plenary Q&amp;A</b>
11:35-11:55 a.m.	2:35-2:55 p.m.	<b>Lightning Presentation Round</b> <i>Pre-intervention Baseline Assessment Of Cognitive Function: Initial Analysis In The Latam Fingers Project Using Brainhq</i> María Martín, Fleni Institute for Neurological Research, Argentina  <i>Examining The Role Of Social Inequalities In The Progression Of Dominantly Inherited Alzheimer's Disease</i> Mia Florencia Clarens, Fleni Institute for Neurological Research, Argentina  <i>Clinical And Biological Characterization Of Recently Identified Psen1 Variants In Autosomal Dominant Alzheimer's Disease In Colombia</i> Alejandro Guerrero, Universidad de Antioquia, Colombia  <i>Impact Of Genetic Variants In Neurodevelopment-associated Genes In Sporadic Alzheimer's Disease</i> Isabele Vaz, Universidade Federal do Rio Grande do Sul, Brazil
11:55 a.m.-12 p.m.	2:55-3 p.m.	<b>Closing Remarks</b>

# Tuesday, February 24

## LIVE FROM SAN JOSE, COSTA RICA HUB

Central Standard Time	Also CST	Presentation
1 p.m.	1 p.m.	<b>Welcome: Introduction to the Region</b>
1:05-1:25 p.m.	1:05-1:25 p.m.	<b>Plenary Presentation</b> <i>Global Perspectives: Understanding Lifecourse Exposures and Brain Health</i> Lilian Calderón-Garcidueñas, University of Montana, United States
1:25-1:35 p.m.	1:25-1:35 p.m.	<b>Plenary Q&amp;A</b>
1:35-1:55 p.m.	1:35-1:55 p.m.	<b>Lightning Presentation Round</b> <i>Vascular Risk And Cognitive Function In Older Adults: Baseline Findings From The Latam-fingers Costa Rica Cohort</i> Sebastian Arguedas-Chacón, Hospital Clinica Biblica, Costa Rica  <i>Perception Of The Impact Of A Multidomain Intervention Program For Older Adults In Panama City</i> María Martínez Campos, Universidad de Panamá, Panamá  <i>Isupport-Sp: Adapting And Evaluating An Online Training And Support Programme For Dementia Caregivers In Rural Remote Areas</i> Mauricio Molinari Ulate, Universidad de Costa Rica, Costa Rica  <i>The Role Of Cognitive Reserve As A Protective Factor For Cognitive Health In Older Panamanian Adults With Age-related Brain Atrophy</i> Sofía Rodríguez-Araña, INDICASAT-AIP, Panama
1:55-2 p.m.	1:55-2 p.m.	<b>Closing Remarks</b>

# Wednesday, February 25

## LIVE FROM NNEWI, NIGERIA HUB

Central Standard Time	WAT Time	Presentation
5 a.m.	12 p.m.	<b>Welcome: Introduction to the Region</b>
5:05-5:25 am	12:05-12:25 p.m.	<b>Plenary Presentation</b> <i>Global Perspectives: Advancing Dementia Diagnosis, Treatment and Care Across the African Diaspora</i> Chiadi U. Onyike, Johns Hopkins Medicine, United States
5:25-5:35 a.m.	12:25-12:35 p.m.	<b>Plenary Q&amp;A</b>
5:35-5:55 a.m.	12:35-12:55 p.m.	<b>Lightning Presentation Round</b> <i>Dementia Knowledge, Attitudes And Practices Among Non-physician Primary Healthcare Providers In Southeast Nigeria</i> Laz Eze, David Umahi Federal University of Health Sciences, Nigeria  <i>Reproducible And Resource-efficient Rs-fmri Analysis Pipelines For Dementia Research In Low-resource Settings</i> Philip Nkwam, University of Lagos, Nigeria  <i>Circuit-level Computation As A Window Into Cognitive Integrity: A Translational Framework For Biomarker Discovery</i> Deborah Koech, Chagua Health, Kenya  <i>Integrating Lifestyle, Biomarker, and Sociocultural Factors to Advance Early Alzheimer's Prevention: A Transdisciplinary Framework for African and Global Equity</i> Chinwe Ojukwu, Independent Alzheimer's Prevention Researcher, Nigeria
5:55-6 a.m.	12:55-1:00 p.m.	<b>Closing Remarks</b>

# Wednesday, February 25

## LIVE FROM PRISHTINA, KOSOVO HUB

Central Standard Time	CET Time	Presentation
7 a.m.	2 p.m.	<b>Welcome: Introduction to the Region</b>
7:05-7:25 a.m.	2:05-2:25 p.m.	<b>Plenary Presentation</b> <i>Global Perspectives: Modernizing Approaches to Dementia Risk, Resilience and Brain Health</i> Jonathan Rosand, Harvard Medical School, United States
7:25-7:35 a.m.	2:25-2:35 p.m.	<b>Plenary Q&amp;A</b>
7:35-7:55 a.m.	2:35-2:55 p.m.	<b>Lightning Presentation Round</b> <i>Unveiling Tau Post-translational Modifications In Alzheimer's Disease Progression</i> Axelle Vanparys, Université catholique de Louvain, Belgium  <i>Beyond Amyloid-<math>\beta</math>: Multimodal Biomarkers For Improved Disease Staging Using Random Forest</i> Zoltan Komor, University of Southampton, United Kingdom  <i>Mapping The Associations Between Neuropathologies And Amygdala Subregional Volumes</i> Amanda Annettesdotter, Lund University, Sweden  <i>Cognitive Profiles in Alzheimer's Disease and Dementia with Lewy Bodies Copathology</i> Adria Tort-Merino, Hospital Clínic de Barcelona, Spain
7:55-8 a.m.	2:55-3 p.m.	<b>Closing Remarks</b>

# Thursday, February 26

## LIVE FROM MANCHESTER, UNITED KINGDOM HUB

Central Standard Time	GMT Time	Presentation
7 a.m.	1 p.m.	<b>Welcome: Introduction to the Region</b>
7:05-7:25 a.m.	1:05-1:25 p.m.	<b>Plenary Presentation</b> <i>Global Perspectives - Biomarker Advancements in Dementia Diagnosis</i> Marc Suárez-Calvet, Barcelona Beta, Spain
7:25-7:35 a.m.	1:25-1:35 p.m.	<b>Plenary Q&amp;A</b>
7:35-7:55 a.m.	1:35-1:55 p.m.	<b>Lightning Presentation Round</b> <i>Measuring Nptx1 In Extracellular Vesicles From Genetic Frontotemporal Dementia Mutation Carriers</i> Ellie Crispin, University College London, United Kingdom  <i>Linking Seeding To Pathology: Insights From a-synuclein RT-QuIC In Postmortem CSF</i> Sonia Wagner-Reguero, Alzheimer's Centre Reina Sofia, Spain  <i>Plasma Proteomic Signatures Of Alzheimer's Neuropathology: Insights From Bio-Hermes Study</i> Hanjun Zhao, University of Oxford, United Kingdom  <i>Organ-specific Proteomic Aging And Cognitive Performance</i> Sujin Kang, Imperial College London, United Kingdom
7:55-8:25 a.m.	1:55-2:25 p.m.	<b>The Alzheimer's Association Excellence in Neuroscience Mentoring and the AAIC Neuroscience Next One to Watch Awards</b>
8:25-8:55 a.m.	2:25-2:55 p.m.	<b>Awardee Panel</b> <i>Mentoring the Future of Dementia Science</i>
8:55-9 a.m.	2:55-3 p.m.	<b>Closing Remarks</b>

## BASIC SCIENCE AND PATHOGENESIS

Specific Rosetta-based Protein-peptide Prediction Protocol Allows The Design Of Novel Cholinesterase Inhibitor Peptides

**Florencia Aimaretti**

Mapping The Associations Between Neuropathologies And Amygdala Subregional Volumes

**Amanda Annettesdotter**

Rhodamine-tagged Amphiphilic Nanoparticles As Theranostic Agents Targeting Amyloid Beta-induced Neuroinflammation

**Aravind Aryasomayajula**

Therapeutic Modulation Of Neural Dynamics And Neuroinflammation By Auditory Stimulation In A Rat Model Of Alzheimer's Disease

**Afsaneh Asgari Taei**

Neurocognitive And Behavioral Effects Of Aspartame On F2 Wistar Rat Generation

**Fatima-Zahra Azzaoui**

Shared Molecular Signatures Between Alzheimer's Disease And Covid-19 In The Human Frontal Cortex: A Semantic Similarity Approach

**Guilherme Bastos de Mello**

Exploring The Neuroprotective Potential Of The Psychedelic Ibogaine In An In Vitro Model Of Alzheimer's-related Neurodegeneration

**Manuela Bentura**

Bacterial Infections And Alzheimer's Disease Susceptibility

**Daiana Boeff**

Interactions Between Bacterial And Mammalian Amyloids In Different Model Systems

**Francisca Bravo-Risi**

Previously Unreported Psen1 Mutation In Early-onset Alzheimer's Disease: Evidence From A Latin American Case

**M. Sol Cañadas Martinez**

Targeting Palmitoylation And Lysosomal Dysfunction To Modulate Amyloid Pathology In Alzheimer's Disease

**Skarleth Cardenas Romero**

Ccl-1 Inhibits Microglial Population In The Hippocampus Without Altering Learning And Memory In An Overexpression Rodent Model

**Maria Carreira**

Neuroprotective Potential Of Metformin In The Context Of Hypercholesterolemia: An In Vivo And In Vitro Approach

**Leticia Carvalho**

Rhodamine-labeled Amphiphilic Nanoparticle Transcytosis Across The Blood-brain Barrier Model In Alzheimer's Disease

**Diya Chengappa**

Unraveling Sex Differences In Alzheimer's Disease And Other Dementias Through CSF Proteomics

**Aina Comas-Albertí**

Protective Effects Of Probiotics And Butyrate On Hypercholesterolemia-associated Brain Alterations

**Mariana Costa**

Combined Effects Of Hypercholesterolemia And PM<sub>2.5</sub> Exposure On Endothelial Dysfunction And Cognitive Performance

**Lílian Costa-Beber**

Dynamics Of Oral Microbiota Networks Throughout The Progression Of Alzheimer's Disease

**Isadora Crasnhak de Souza**

Longitudinal In Vivo Characterization Of 3xTg-AD Mice Model Of Alzheimer's Disease: PET/MRI Imaging, Histological And Behavioral Studies

**Rosina Dapueto**

Influence Of PLEK SNPs On Brain Glucose Metabolism

**Marco Antônio de Bastiani**

Effects Of Subchronic Low-dose Glucocorticoid Treatment On Glial Activation And Neuroinflammation In The TgF344-AD Rat Model

**Roberta de Oliveira**

Impact Of IDO1 Genetic Variants On Brain Glucose Metabolism And Apoe Glycosylation In Alzheimer's Disease

**Ramon de Souza**

Cell-Type Specific Hippocampal Alterations Underlie Memory Deficits In Male And Female APP/Tau Mice

**Ángel Deprada**

L-fucose Is A Candidate Monosaccharide Neuromodulator And Mitigates Alzheimer's Synaptic Deficits

**Jacopo Di Lucente**

Widespread Alterations In The Structural And Cellular Components Of The Glymphatic System In Alzheimer's Disease

**Derya Dik**

Intracerebroventricular Cadmium Exposure Induces Neurobehavioral Deficits: Neuroprotective Potential Of Methylene Blue

**Soumia Ed-Day**

Distinct Astrocyte Phenotypes Aid Microglia-Mediated Amyloid- $\beta$  Clearance In Immunized Alzheimer's Disease Patients

**Alex Edwards**

The Impact Of Pregnancy History On Cognition And Neuropathology In Aged Presenilin 2 Null Female Mice

**Jennie Fang**

Tau Degradation Is Primarily Autophagy Mediated And Not Regulated By Phosphorylation

**Narges Firouzshahi**

Intravenous Injection Of Blood From Aged P301s Mice Increases Tau Pathology And Neuroinflammation  
**Jesus Garcia-Martin**

Is The Microglial Voltage-gated Potassium Channel, Kv1.3, A Viable Therapeutic Target For Alzheimer's Disease?  
**David Geddes**

Innate Lymphoid Cells Type 2 (ILC2) Confer Protection Against Amyloid Pathology  
**Jyotsna Godavarthi**

Neuroprotective And Mechanistic Role Of GLP-1 Analogue On Insulin Resistance Model In Differentiated SH-SY5Y Neuroblastoma Cells  
**Ayushi Goel**

Altered Reelin Pathway Dynamics In Embryos From A Rat Model Of Autosomal Dominant Alzheimer's Disease  
**Vanessa Gomes Ramos**

Microglia Activation Mediates Juvenile Manganese-induced Neurotoxicity In A Dual-hit H1n1 Murine Infection Model  
**Megan Hager**

Temporal Dynamics Of Aquaporin-4 Polarization Across The Circadian Cycle In The Rat Brain  
**Lea Hengstler**

Precision Nutrition: Harnessing Nutrigenomics For Genetic And Metabolic-informed Dietary Advice In Dementia  
**Tara Jewell**

Reduction Of Hippocampal Hyperactivity By Intranasal Insulin In A Rat Model Of Alzheimer's Disease  
**Farnaz Karimani**

Exogenous Tau Seeds Drive Protein Aggregation Without The Need For Tau Overexpression  
**Tomas Kavanagh**

Neurogenic And Neuroprotective Potential Of A Natural Compound Via Wnt/ $\beta$ -catenin Signaling Activation In Alzheimer's Disease  
**Sarosh Khan**

Alterations In Gut Microbiota Across The Stages Of Alzheimer's Disease Among Elderly Individuals From Veranópolis  
**Eduarda Klafke Ebert**

Mutations In *Hel-1 (ddx39b)* Suppress Tau-induced Toxicity But Not Tdp-43-induced Toxicity In *Caenorhabditis Elegans* Models  
**Rebecca Kow**

Impact Of Omega-3 And Omega-6 Fatty Acids On Cognitive And Physical Function  
**Prachi Kulkarni**

Prevalence Of LATE-NC In The Sydney Brain Bank  
**Kathryn Laloli**

Modelling Gut-brain Axis With Human Organoids To Study Infections In Alzheimer's Disease  
**Isabel Lean**

Cross-interaction Between Amylin And Tau In A Double Transgenic Model Of Type 2 Diabetes And Alzheimer's Disease

**Inés López del Castillo**

Metabolic Prediction Of The Gut Microbiota Across Alzheimer's Disease Stages In A Long-lived Population From South Brazil: A Pilot Study

**Morghana Machado da Rosa**

Posttraumatic Stress Disorder And Cognitive Impairment: A Longitudinal Mendelian Randomization Study

**Frank Mann**

Sex-dependent Behavioral And Morphological Changes In A D-galactose Model Of Accelerated Brain Aging

**Kevin Mata**

Neuroprotective Effects Of Saskatoon Berry (*Amelanchier Alnifolia*) Extracts In Cellular And *Drosophila* Models Of Alzheimer's Disease

**Lucas Matos Martins Bernardes**

Neuroinflammation And Behavioral Impairments In The Stz-induced Alzheimer's Model In Female Rats

**Lucia Mechelk**

Rotenone Modulates Peroxisomal Dynamics In Microglial Cells

**Irene Montali**

Metagenomic Profiling Of Alzheimer's Disease Stages In A Blue Zone Candidate From Southern Brazil

**Amanda Muliterno Domingues Lourenço de Lima**

Neuromodulatory Subcortical Systems And Sleep In Alzheimer's Disease: A Review Of Therapeutic Interventions

**Tejiri Napoleon**

Frontotemporal Dementia Causing P301S Mutation Alters Non-phosphorylated Tau Redistribution In The Nucleolus In SH-SY5Y Cells

**Mohammad Nasser**

Investigating The Tau Phosphorylation Profile Of Primary Tauopathies In Human Brain

**Laura Nementzik**

Streptozotocin Model Of Alzheimer's Disease: Progression Of Cognitive Impairment, Astrogliosis, And Cholinergic Dysfunction

**Sofia Niño**

Microglia-derived Apoe2 Improves Remyelination Even In The Presence Of Endogenous Apoe4

**Georgia Nolt**

Embryonic Neural Dysfunction In A Rat Model Of Autosomal Dominant Alzheimer's Disease

**André Nunes Mensch**

The Role Of P-tau In The Driving Of Neurovascular Uncoupling

**Lilly O'Shea**

Long Runs Of Homozygosity Association With Alzheimer's Disease

**Clàudia Olivé**

Apoe4 Drives Changes In Glial Reactivity After Low-dose Aducanumab Immunotherapy

**Akhil Pallerla**

Emerging Evidence Of Microplastics As A Culprit In The Rising Incidence Of Alzheimer's Disease

**Eilya Parsa**

Thermoresponsive Intranasal Pterostilbene Nanoemulgel Confers Neuroprotection In A Rat Model Of Vascular Dementia

**Vishal Patil**

A Hybrid Quantum-classical Conformational Study Of Energetic And Conformational Differences In Amyloid-beta Variants

**Kushal Patil**

Study Of The Mechanisms Of Action Of Urolithins As Neuroprotective Postbiotics

**Mauro Pérez**

Divergent Cell-type-specific Transcriptional Signatures In The Hippocampus Of An Alzheimer's Model And Humans

**Nuno Pires**

The Development Of Human Induced Pluripotent Stem Cell-based Cellular Models To Study Sex-based Differences In Alzheimer's Disease

**Indu Raghavan**

Dynamics Of Cognitive Variability With Age And Its Genetic Underpinning In NIHR Bioresource Genes And Cognition Cohort Participants

**Md Shafiqur Rahman**

Loss Of PSEN2 Age-dependently Increases Susceptibility To Kainate-induced Seizures And Blunts Kainate Receptor Expression

**Larissa Robinson-Cooper**

Turning Up The Heat: Sauna-like Therapy As A Non-pharmacological Treatment For Alzheimer's Disease

**Rossana Rosa Porto**

Cell-autonomous Proteostasis In Alzheimer's Disease

**Matthew Rosene**

Neuroprotective Effects Of Carbamoylated Erythropoietin And Insulin-like Growth Factor-1 In Alzheimer's Disease

**Morgan Rothschild**

Assessing UCHL5 Variations Within The AT(N) Framework

**Sofia Salvadori**

Cell Viability And Neurite Patterns In HT-22 Cells Differentiation: Effects Of PARP Inhibitor MN64 And Collagen Matrix

**Maite Sanchez Galli**

Age-related Increases In Chemically Evoked Seizure Susceptibility In Mice With The PSEN2-N141I Variant

**Brendan Sanders**

Marked Lack Of Metallomic Dysregulation In Parkinson's Disease Brain In Absence Of Dementia

**Melissa Scholefield**

Essential Vitamin Biotin (vitamin B7) Is Decreased In The Alzheimer's Disease Brain

**Melissa Scholefield**

Challenging Traditional Treatment Paradigms: Heat Treatment As A Lifestyle-based Intervention For Alzheimer's Disease

**Benjamin Smits**

Inflammation-associated Transcriptional Changes In Memory Circuits Of Alzheimer's Disease Mice

**Paula Sotillo Sotillo**

Microglia Expressing The Alzheimer's Disease Protective Variant Plcg2-p522r Suppress The Nlrp3 Inflammasome And Mitochondrial Stress

**Anuragh Sriram**

a $\beta$ Os Stimulate Proteasome Activity Through Calcium Influx In Cultured Astrocytes

**Gustavo Stelzer**

Identifying Mechanisms Of Early Hyperexcitability Via Single-nucleus RNA-seq (snRNA-seq) In An Alzheimer's Disease Mouse Model

**Gabriel Stephens**

Knockout Of Perilipin-2 In Microglia Alters Lipid Droplet Accumulation In Response To Alzheimer's Disease Stimuli

**Isaiah Stephens**

2d And 3d Human Brain Models As Platforms To Investigate Alzheimer's Disease Pathophysiology

**Bruno Sterlini**

Early Neurodegenerative Effects Of Alcohol-associated Neurotoxicity

**Fatemeh Tabassi Mofrad**

Morphometric Variation In Subcortical Grey Matter During Ageing

**Fatemeh Tabassi Mofrad**

Effect Of Anti-microbial Immunizations In The Progression Of Amyloid Pathology In A Mouse Model Of Alzheimer's Disease

**Catalina Valdes**

LM11A-31 PROTECTS MICROGLIAL CELLS AGAINST ROTENONE TOXICITY VIA P75NTRMODULATION

**Alessio Valenza**

In Vitro Evaluation Of Mao-a Inhibitor Harmine As Potential Modulator Of Neuroinflammatory Pathways Involved In Alzheimer's Disease

**Victoria Valiente**

Unveiling Tau Post-translational Modifications In Alzheimer's Disease Progression

**Axelle Vanparys**

Impact Of Genetic Variants In Neurodevelopment-associated Genes In Sporadic Alzheimer's Disease

**Isabele Vaz**

Cognitive Impairment Acceleration After Late-life Depression In A Tauopathy Mouse Model

**Laura Vegas-Gomez**

Hippocampal Hydroxymethylation Landscape Is Modulated By Abeta Accumulation And Environmental Stimulation In A Rat Model Of Alzheimer

**Julia Verheul-Campos**

Obesity-associated Chronic Low-grade Inflammation As A Precursor To Neurodegenerative Diseases

**Isha Verma**

Comparative Analysis Of Primary (3R/4R) Versus Secondary (3R + 4R) Tauopathy Strains In Rodents: A Systematic Review

**Mohamed Wafa**

In Vivo Proximity Labeling Of Apoe And Alpha-Synuclein Isoforms To Find Disease Relevant Protein-Protein Interactions

**Elias Wisdom**

Plasma Proteomic Signatures Of Alzheimer's Neuropathology: Insights From Bio-Hermes Study

**Hanjun Zhao**

## BIOMARKERS

Integrated Analysis Of Alzheimer's-associated Missense Snps To Elucidate Molecular Mechanisms And Biomarker Candidates

**Aziza Abugaliyeva**

Diagnostic Accuracy Of Bace1 In Bio Fluids For Alzheimer's Disease: A Systematic Review

**Shravya Allena**

Validation Of Anthropometric Measures Of Muscle Health For The Detection Of Severe Cognitive Impairment In Older Costa Rican Adults

**Alexandre Andrés**

Exploring The Relationship Between Mild Behavioral Impairment And Vascular Pathology: A Critical Synthesis

**Efthalia Angelopoulou**

The Performance Of A Fully Automated Plasma P-Tau217 Test In Alzheimer's Disease

**Taraneh Atri**

Brain Atrophy Patterns Associate With Biological Staging Defined By PET In Preclinical Alzheimer's Disease

**Lorenzo Barcellos**

Digital Cognition Plus Plasma P-tau217 And a $\beta$ 42/40 Powerfully Predict Alzheimer's Progression

**Ahmet Begde**

Sex Differences In Neuroimaging And Alzheimer's Disease Biomarkers In Adults With Down Syndrome

**Grace Bishay**

The Altoida Digital Neuromarker Platform Enables Accurate Identification Of MCI With Convergent Validity

**Victoria Brugada Ramentol**

Elevated Plasma P-tau217 Is Related To A Biomarker Of Neurodegeneration In The African Americans Fighting Alzheimer's In Midlife Study

**Jonathan Bryan**

Aging Disrupts The Temporal Organization Of Slow Oscillations Beyond Density Reduction

**Lucila Capurro**

Using Automated Speech And Language Analysis To Predict Brain Health In Older Adults

**Ivan Caro**

Association Between Heart Disease Risk And Alzheimer's Disease Biomarker In Cognitively Normal Adults

**Jia-herng Chiang**

The Irreversible Decision: Ethical Dilemmas In Huntington's Disease Genetic Testing

**Laura Clarke**

Sexual Minority Older Adults Have Greater IADL Limitations Independent Of APOE4 Status

**Carolina Costa**

Measuring Nptx1 In Extracellular Vesicles From Genetic Frontotemporal Dementia Mutation Carriers

**Ellie Crispin**

TSPO-PET Binding In White Versus Grey Matter In FTL D

**Harry Crook**

Sex-specific Associations Between Glutaminy Cyclase And Alzheimer's Disease Biomarkers

**Marcelo de Bittencourt**

Longitudinal Trajectories Of Plasma P-tau217 In Cognitively Unimpaired Older Adults Using A Fully Automated Platform

**Marisa Denkinger**

Neuroimaging Findings In A Hispanic Cohort With Mild Cognitive Impairment, Alzheimer's Disease, And Parkinsons Disease

**Anna Díaz-Ramírez**

Improving Disease Staging In Behavioural Variant Frontotemporal Dementia Using The Sustain Subtyping Model

**Hiep Do**

Metabolic Network Signatures Of Long-COVID Resemble Early Alzheimer's-like Patterns

**Tâmie Duarte**

Defining Immune Mechanisms At The Vascular Niche In Caa-related Inflammation

**Leon Elzinga**

Differential Longitudinal Dynamics Of Ptau217 And Nfl Across Alzheimer's Disease And Dementia With Lewy Bodies Copathology

**Diana Esteller-Gauxax**

Early Validation Of A Non-invasive Approach For Amyloid Pathology Detection Using MRI And AI

**Jeremiah Fadugba**

Investigating The Role Of Choroid Plexus In Alzheimer's Disease: Effects Of APOE4 Genotype, Sex, And Age Across Imaging Modalities

**Saba Faghihzadeh**

Systems Biology Network Analysis Identifies Neuronal Activity-regulated Genes Associated With Alzheimer's Disease Physiopathology

**Xavier Fernandez**

Exploring Visual Event Related Potentials As Functional Biomarkers Of Alzheimer's

**Roberto Fernandez Romero**

Socioculturally Generalizable Speech Biomarkers Of Alzheimer's And Frontotemporal Dementia In Latinos

**Franco Ferrante**

Association Of Microglial Activation And Amyloid- $\beta$  Pathology With Reactive Astrogliosis In Alzheimer's Disease

**João Pedro Ferrari-Souza**

Comparing Rapid And Classical Anatomical MRI Scans To Distinguish Presymptomatic And Symptomatic Frontotemporal Dementia From Controls.

**Eve Ferry-Bolder**

Reliability And Diagnostic Accuracy Of The Visual Rating Scales Across Dementia Subtypes And Healthy Controls

**Chiara Fornari**

Cortisol And Interleukin-6 Levels In Individuals With Internet Addiction: A Comparative Cross-sectional Study In Southern Brazil

**Guilherme Freitas**

Establishing A Time Course For Midbrain-Pons Ratio Decline And Behavioral Deficits In A Rat Model Of PSP-Richardson's Syndrome

**Kymani Getfield**

Association Of Baseline CSF P-tau With Longitudinal Hippocampal Asymmetry In Dementia-free Individuals

**Elham Ghanbarian**

Clinical And Biological Characterization Of Recently Identified Psen1 Variants In Autosomal Dominant Alzheimers Disease In Colombia

**Alejandro Guerrero**

Eeg Nonlinear Recurrence Analysis Of Olfactory Stimulus For Early Detection Of Alzheimer's

**Saeede Haghghatkah**

The Detection Of Neurodegenerative Blood Biomarkers Using Dried Plasma Spots

**Sophie Hicks**

A Prior-sampling Conditional Variational Autoencoder For Normative Modelling Of Age-related Variation In Brain Structure

**Mai Ho**

Disrupted Cognitive Function And Brain Network Topology In Older Adults With Chronic Musculoskeletal Pain: A Resting-state Fmri Study

**Frank Fan Huang**

An AI Based Semantic Fluency Score: Development And Validation In A Latino Cohort

**Jeremias Inchauspe**

Guided Automated Reasoning For Mechanistic Discovery In Alzheimer's Disease

**Mehmet Enis Isgoren**

Associations Between Inflammatory Biomarkers And Neuropathological Staging In Alzheimer's Disease

**Emma James**

Enhancing Early Dementia Diagnosis in Primary Care: Integrating Clinical Practice and Biomarker Innovations

**Erza Jashari**

Ethnoracial Disparities In Inflammatory Contributions To Alzheimer's Disease: Uncovering The Role Of Il-6

**Tammy Joseph**

Digital Biomarkers For Mild Cognitive Impairment: Machine Learning From Hand Movements During The Trail-making Test

**Gustavo Juantorena**

Combined Use Of Plasma And Imaging Tau Biomarkers For Predicting Clinical Progression In Alzheimer's Disease

**Isabela Just de Jesus Vanni**

Impact Of Cardiovascular Burden On The Relationship Between Tau Biomarkers And Cognitive Function In Alzheimer's Disease

**Julia Kamara**

Organ-specific Proteomic Aging And Cognitive Performance

**Sujin Kang**

Novel Pal Rt Measures: Development, Clustering, Association With Plasma P-tau217

**Alexander Kaula**

Uncovering Early Diagnostic And Therapeutic Targets In Alzheimer's Disease Via Integrated Metabolomic And Biomarker Profiling

**Meenakshi Kaushik**

Combining Plasma Ptau217 And A Remote Digital Cognitive Assessment To Predict Cognitive Decline In Cognitively Unimpaired Older Adults

**Hairin Kim**

Orexin Levels And Sleep Activity In Individuals At Risk For Alzheimer's Disease

**Brian Kim**

Circuit-level Computation As A Window Into Cognitive Integrity: A Translational Framework For Biomarker Discovery

**Deborah Koeh**

Beyond Amyloid- $\beta$ : Multimodal Biomarkers For Improved Disease Staging Using Random Forest

**Zoltan Komor**

Metabolomic Profiling For Human And Mouse Type-2 Diabetes Linked Adrd Phenotypes

**Narendra Kumar**

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