



Oct. 10-12, 2023
Southeastern Neurodegenerative
Disease Conference (SENDCon)
Atlanta, USA, and Online
#SENDCon23

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The Southeastern Neurodegenerative Disease Conference (SENDCon) 2023 explores research on dementia and other neurodegenerative disorders carried out by primarily by scientists in Puerto Rico and the southeastern United States, including Alabama, Florida, Georgia, Kentucky, North Carolina, South Carolina, Tennessee, Virginia and Washington, D.C. SENDCon offers opportunities for early career dementia researchers to prepare for future work, including mock interviews, and to network and collaborate with leaders in the field.

Sessions are listed in Eastern Daylight Time (North America). Schedule is current at the time of posting. Content is listed as submitted.

POSTER PRESENTATIONS

Beginning Oct. 10, explore posters on a wide range of topics and leave comments for authors around the clock. Poster topics address research themes such as Genetics, Modeling and Systems Biology, Health Disparities and Diversity, Neuroinflammation and Immunity., Neuropathology, Neuroimaging and Diagnostics, Proteostasis, Seeding/Spreading of Protein Aggregates, and more.

TUESDAY, OCT. 10

1:30-2:20 p.m.

Ins and Outs of Scientific Publishing and Reviewing

Moderators:

Melissa Murray, Mayo Clinic Florida & Zachary McEachin, Emory University

Presenter:

Ted Dobie, Neuron & James Galvin, University of Miami

2:30-3:20 p.m.

Study Section

Moderators:

Jada Lewis, University of Florida & Abbi Hernandez, University of Alabama, Birmingham

3:30-4:20 p.m.

Chalk Talks: Sandro Da Mesquita

Moderator:

Jada Lewis, University of Florida

Presenters:

Sandro Da Mesquita, Mayo Clinic Jacksonville
Caesar Hernandez, University of Alabama, Birmingham

4:20-4:30 p.m.

Introduction to ISTAART

Presenter:

Shirine Moukaled, Tulane University

4:30-5 p.m.

Plenary Presentation:

Working Towards Inclusion in Alzheimer's Research Studies and Clinical Trials

Goldie Smith Byrd, Wake Forest University
Heritage Ballroom

WEDNESDAY, OCT. 11

9-10:15 a.m.

Welcome and Plenary

Claire Sexton, Alzheimer's Association®
Jada Lewis, University of Florida

Plenary Presenters:

Learning from viruses: Innate immunity and neurodegeneration

Robyn Klein, Washington University

PDGFR β , Inflammation and Tau: Alzheimer's Research from Racially Diverse Cohorts

Whitney Wharton, Emory University

10:15-10:45 a.m.

Break

10:45 a.m.-12:20 p.m.

Session 1: Proteostasis, Seeding/Spreading of Protein Aggregates

Moderators:

Jae-Kyung "Jamise" Lee, University of Georgia
Zachary McEachin, Emory University

Presenters:

Ultra-sensitive detection of pathological α -synuclein in human tissues and biofluids using the RT-QulC Assay: Relevance to development of peripheral biomarkers for diagnosing α -synucleinopathies

Anumantha Kanthasamy, University of Georgia

The sequelae of chopping alpha-synuclein

Benoit Giasson, University of Florida

Network-based Proteomics to Resolve CSF Biomarkers Beyond Amyloid and Tau

Nicholas Seyfried, Emory University

Chimeric species modify DPR toxicity in c9ALS/FTD Abstracts

Zachary McEachin, Emory University

Pathogenic Mutation in GBA1 Results in Golgi and Lysosome Dysfunction But Does Not Alter LRRK2 Activity

Richard Batchelor, University of Florida

12:20-1:30 p.m.

Break

1:30-2:40 p.m.

Session 2: Neuroinflammation and Immunity

Moderators:

Paramita Chakrabarty, University of Florida
Courtney Kloske, Alzheimer's Association

Presenters:

Neuronal and microglial functions of the AD risk factor BIN1
Gopal Thinakaran, University of South Florida

TREM2 and Its Variants in Modulating Alzheimer's Disease Pathogenesis
Na Zhao, Mayo Clinic Jacksonville

Regulation of brain physiology and pathology by the meningeal lymphatic system abstracts
Sandro Da Mesquita, Mayo Clinic Jacksonville

Deletion of Socs3 Enhances OSM-induced Astrocyte Reactivity and Severity of Alzheimer's Disease
Hongwei Qin, University of Alabama at Birmingham

2:40-3:05 p.m.

Session 3: Lightning Presentations

Moderators:

Laura Blair, University of South Florida
Roy McReynolds, University of California, Los Angeles

Presenters:

Hippocampal mitophagy alterations in frontotemporal dementia with parkinsonism linked to chromosome 17 MAPT post-mortem brains
Tyrique Richardson, Mayo Clinic

Network Proteomic Analysis of the Lewy Body Dementia Brain Reveals Pathophysiological Changes Distinct from Alzheimer's Disease
Lenora Higginbotham, Emory University

Mild cognitive impairment influences post-disfluency speech behavior in narrative recall, picture description, and spontaneous speech tasks
Michael Kleiman, University of Miami

Locus coeruleus degeneration and gut inflammation interact to exacerbate neuroinflammation in mice
Jake Boles, University of Florida

3:05-3:50 p.m.

Break

3:50-5 p.m.

Session 4: Genetics, Modeling and Systems Biology

Moderator:

Laurie Sanders, Duke University
Logan Dumitrescu, Vanderbilt University

Presenters:

Sex-Specific Genetic Drivers of Alzheimer's Disease Endophenotypes

Logan Dumitrescu, Vanderbilt University

Assessing the functional effect of the Presenilin-1 G206A variant on age of onset of Alzheimer's Disease in the Puerto Rican population

Katrina Celis, University of Miami

Sustained activation of the DNA damage response in LRRK2 G2019S Parkinson's disease models abstracts

Claudia Gonzalez-Hunt, Duke University

Isolation and detection of a novel repeat expansion for Alzheimer's disease

Lien Nguyen, University of Florida

Metabolic Intermediates of the Gut-Brain-Axis in TgF344-AD Rat Model

Abbi Hernandez, University of Alabama, Birmingham

Close

Malú G. Tansey, University of Florida

THURSDAY, OCT. 12

9-10:15 a.m.

Welcome and Plenary

Melissa Murray, Mayo Clinic, Jacksonville

Plenary Presenters:

Chaperoning Tau

Laura Blair, University of South Florida

Bias in AD research measures for the Black Community

Kacie Deters, University of California, Los Angeles

10:15-11 a.m.

Break

11 a.m.-12:20 p.m.

Session 5: Neuropathology, Neuroimaging and Diagnostics

Moderators:

Stefan Prokop, University of Florida
Christina Moloney, Mayo Clinic Jacksonville

Presenters:

Lewy Body Dementia: The most common disease no one has heard of
James Galvin, University of Miami

Not all amyloid-beta plaques are equal
Baayla Boon, Mayo Clinic, Jacksonville

Examining vascular and metabolic contributions to late-life brain health using neuroimaging
Sam Lockhart, Wake Forest

Use of language and communication skills as biomarkers for dementia abstracts
Eun Jin Paek, University of Tennessee

Renal functioning modifies the ability of some blood-based biomarkers of Alzheimer's disease to predict amyloid status and clinical decline in nondemented older adults.
Corey Bolton, Vanderbilt University Medical Center

Interactions between progranulin insufficiency and TDP-43 overexpression in a mouse model of Frontotemporal Dementia
Anna Cook, University of Alabama at Birmingham

12:20-1:30 p.m.

Break

1:30-2:45 p.m.

Session 6: Health Disparities and Diversity

Moderators:

Priscilla Amofa-Ho, University of Florida
Whitney Wharton, Emory University

Presenters:

Neuroimaging Correlates of Alzheimer's Disease biomarkers in a mid-life, racially diverse high-risk cohort
Maria Misiura, Georgia State University & Chinkuli Munkombwe, Georgia State University

Strategies to Promote Equity and Engagement for African-American Men in Neurologic Research
Monica Parker, Emory University

A dementia-friendly model of African American community outreach abstracts
John Lucas, Mayo Clinic Jacksonville

Close

Laura Blair, University of South Florida

SAVE THE DATE

Join the Alzheimer's Association® at these upcoming dementia research events.

AAIC® Advancements: Toward Health Equity In Alzheimer's Disease and Related Dementias

Oct. 30-31, 2023 | San Antonio, USA, and Online

Tau2024

March 25-26, 2024 | Washington, D.C., USA, and Online

Latinos and Alzheimer's Symposium

April 4-5, 2024 | San Diego, USA, and Online

AAIC Neuroscience Next

April 22-25, 2024 | Online

Alzheimer's Association International Conference® (AAIC) 2024

July 28-Aug. 1, 2024 | Philadelphia, USA, and Online

alz.org/scientificmeetings

Join the conversation



#SENDCon23
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The Alzheimer's Association® International Society to Advance Alzheimer's Research and Treatment (ISTAART) is an inclusive global network of scientists, clinicians and dementia professionals. Members of this professional organization share common goals: the pursuit of knowledge, collaboration and breakthroughs to advance the research and treatment of Alzheimer's disease and other dementias.

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Questions? Contact ISTAART@alz.org.

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