



NIA-AA SYMPOSIUM: ENABLING PRECISION MEDICINE FOR ALZHEIMER'S DISEASE THROUGH OPEN SCIENCE

Thursday, July 13, 2023 | 1-5 p.m.

Friday, July 14, 2023 | 8:00 a.m. – noon

Novotel Amsterdam City (Calla 1-3) — Amsterdam, Netherlands

All times are in Central European Time

Hybrid Format

Overview

The 6th Annual NIA-AA Symposium — Enabling Precision Medicine for Alzheimer's Disease Through Open Science will feature an array of NIA-supported translational research programs that employ precision medicine principles and open-science practices which aim to:

- Understand the complex and heterogeneous etiology of Alzheimer's and AD-related dementias.
- Identify and validate new disease-relevant targets and biomarkers.
- Develop the next generation animal models for AD.
- Advance novel targets into drug discovery.

Organizing Committee

- Suzana Petanceska, National Institutes of Health
- Larry Refolo, National Institutes of Health
- Laurie Ryan, National Institutes of Health
- Erika Tarver, National Institutes of Health
- Rebecca Edelmayer, Alzheimer's Association
- Claire Sexton, Alzheimer's Association

Target Audience

Academic, biotech and pharmaceutical industry researchers with interest in target and biomarker discovery, preclinical and clinical drug development; computational biologists; data scientists; and open science advocates.

Registration

The program for this pre-conference was jointly developed by the National Institute on Aging and the Alzheimer's Association. Registration for this pre-conference is managed and coordinated solely by the Alzheimer's Association, and none of the registration fees will be shared with the National Institute on Aging. If you have any questions regarding registration, please contact the Alzheimer's Association.

Preconferences require a separate registration in addition to AAIC full conference registration, or they may be registered as stand-alone events.

Agenda, Day 1: July 13

Time	Session Details	Speakers and Moderator
1-2:45 p.m.	Session 1: Accelerating Medicines Partnerships® Programs on Alzheimer's Disease and Parkinson's Disease (AMP AD and AMP PD): Deconstructing Disease Complexity for Novel Target and Biomarker Discovery	Moderator: Suzana Petanceska, National Institute on Aging Speakers: <ul style="list-style-type: none"> • David Bennett, Rush University • Nilüfer Ertekin-Taner, Mayo Clinic • Panos Roussos, Icahn School of Medicine at Mount Sinai • Stacey Adams, Foundation for the National Institutes of Health • Sri Ramulu Pullagura, Foundation for the National Institutes of Health
2:45-3 p.m.	Break	
3-5 p.m.	Session 2: MODEL-AD and MARMO-AD Translational Centers: Developing Next Generation Animal Models for Late Onset AD and Enabling Rigorous Preclinical Efficacy Testing	Moderator: Stacey Rizzo, University of Pittsburgh Speakers: <ul style="list-style-type: none"> • Kim Green, University of California, Irvine • Bruce Lamb, Indiana University • Stacey Rizzo, University of Pittsburgh • Paul Territo, Indiana University • Afonso Silva, University of Pittsburgh • Suzana Petanceska, National Institute on Aging

Agenda, Day 2: July 14

Time	Session Details	Speakers and Moderator
8:30-10 a.m.	Session 3: Enabling Precision Medicine from Cohort Studies to Clinical Trials	<p>Moderator: Laurie Ryan, National Institute on Aging</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Elizabeth Head, University of California, Irvine • Rema Raman, University of Southern California • Laura Baker, Wake Forest University • Rima Kaddurah-Daouk, Duke University
10-10:15 a.m.	Break	
10:15-11:30 a.m.	Session 4: TREAT-AD Translational Centers: Accelerating Preclinical Validation and Drug Discovery for Novel AD/ADRD Targets	<p>Moderator: Allan Levey, Emory University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Allan Levey, Emory University • Karina Leal, Sage Bionetworks • Greg Carter, The Jackson Laboratory • Aled Edwards, Structural Genomics Consortium • Alan Palkowitz, Indiana University • Tim Richardson, Indiana University
11:30 a.m. – noon	Session 5: Enabling Data Infrastructure, Tools and Methods for Reproducible and Translatable Discovery Research in AD/ADRD	<p>Moderator: Anna Greenwood, Sage Bionetworks</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Matthias Arnold, Helmholtz University and Duke University • Anna Greenwood, Sage Bionetworks