

## **NIA-AA Symposium — Enabling Precision Medicine for Alzheimer's Disease Through Open Science**

Friday, July 10, 2026 | 8 am - 5:30 pm  
InterContinental London O2 Hotel, Peninsula West —  
London, United Kingdom

All times are in British Summer Time

*In-person attendance only*

### **Overview**

The 8<sup>th</sup> Annual NIA-AA Symposium — Enabling Precision Medicine for Alzheimer's Disease Through Open Science will feature an array of NIA-supported clinical trials and translational research programs that employ precision medicine principles and open-science practices which aim to:

- Understand the complex and heterogeneous etiology of Alzheimer's disease (AD) and AD-related dementias (ADRD)
- Develop the next-generation animal models for AD
- Identify and validate new disease-relevant targets and biomarkers
- Advance novel targets into drug discovery
- Bring precision medicine approaches to therapy development

### **Organizing Committee**

#### **National Institute on Aging (NIA)**

- Suzana Petanceska
- Lorenzo Refolo
- Laurie Ryan
- Erika Tarver

#### **Alzheimer's Association**

- Rebecca Edelmayer
- Ozama Ismail

### **Target Audience**

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

## Registration

AAIC preconferences require a separate registration in addition to AAIC full conference registration, or individuals may register for a preconference as a stand-alone event. The program for this preconference 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.

## Agenda

Time	Session Details	Speakers and Moderator
8:00 am - 8:30 am	<i>Registration and Light Breakfast</i>	
8:30 am - 8:45 am	Welcome	Suzana Petanceska, NIA Rebecca Edelmayer, Alzheimer's Association
8:45 am - 10:15 am	Session 1. Deconstructing Disease Heterogeneity: From Molecular Subtypes to Shared Causal Mechanisms	Moderator: Suzana Petanceska, NIA Speakers: Suzana Petanceska, NIA Nicholas Seyfried, Emory University David Bennett, Rush University Matthias Arnold, Helmholtz Munich Aliza Wingo, University of California, Davis
<b>10:15 am- 10:30 am</b>	<b>Break</b>	
10:30 am - 12:00 pm	Session 2. Precision Environmental Health Approach to Risk Reduction and Disease Prevention	Moderator: Damali Martin, NIA Speakers: Damali Martin, NIA Gary Miller, Columbia University Anke Huels, Emory University Catherine Kaczorowski, University of Michigan

		Stuart Lipton, The Scripps Research Institute
<b>12:00 pm - 1:00 pm</b>	<b>Lunch</b>	
1:00 pm - 2:30 pm	Session 3. Modeling Disease Heterogeneity and Expanding the Target Landscape for AD/ADRD to Enable a Precision Medicine Approach in Preclinical Therapy Development	Moderator: Lorenzo Refolo, NIA Speakers: Lorenzo Refolo, NIA Greg Carter, The Jackson Laboratory Stacey Rizzo, University of Pittsburgh Afonso Silva, University of Pittsburgh Tracy Young-Pearse, Harvard University
<b>2:30 pm - 2:45 pm</b>	<b>Break</b>	
2:45 pm - 4:30 pm	Session 4. Enabling a Precision Medicine Approach to Clinical Development	Moderator: Laurie Ryan, NIA Speakers: Laurie Ryan, NIA Rema Raman, University of Southern California Rima Kaddurah-Daouk, Duke University Jacobo Mintzer, Medical University of South Carolina Adam Boxer, University of California, San Francisco Teresa Buracchio, US Food & Drug Administration
4:30 pm - 5:30 pm	Session 5. Building a Knowledge Network for Precision Medicine	Moderator: Erika Tarver, NIA Speakers: Erika Tarver, NIA Laura Heath, Sage Bionetworks Ed Lein Allen Institute Alison Yao, NIA Nandini Arunkumar, NIA