



Principles and Techniques for Improving Preclinical Translation in Alzheimer's Disease

May 4-8, 2026 | Virtual

Schedule Subject to Change

Monday, May 4th

8:30 – 9:00am	Welcome and Course Overview Stacey Rizzo, Ph.D., <i>University of Pittsburgh Aging Institute</i>
9:00 – 9:45am	NIA Translational Research Programs for AD/ADRD Suzana Petanceska, Ph.D. Larry Refolo, Ph.D. <i>National Institute on Aging, National Institutes of Health</i>
9:45 – 10:00am	Break
10:00 – 11:00am	The MODEL-AD Approach: Phenotyping Mice for Next-Gen Preclinical Research Adrian Oblak, Ph.D., <i>Indiana University School of Medicine</i>
11:00 – 12:00pm	Bioinformatics and Data Management in MODEL-AD Greg Carter, Ph.D., <i>The Jackson Laboratory</i>
12:00 – 1:00pm	Break
1:00 – 2:15pm	MODEL-AD PTC Stacey Rizzo, Ph.D., <i>University of Pittsburgh Aging Institute</i> Paul Territo, Ph.D., <i>Indiana University School of Medicine</i>
2:15 – 2:30pm	Break
2:30 – 3:30pm	Introduction to the AD Knowledge Portal and MODEL-AD Jessica Britton, Ph.D., <i>Sage Bionetworks</i>
3:30 – 4:15pm	Genetic and environmental approaches to improve mouse models for Alzheimer's disease and related dementias Gareth Howell, Ph.D., <i>The Jackson Laboratory</i>
4:15 – 6:45pm	Break

7:00 – 8:00pm **Executing translational research from preclinical mechanism elucidation to a human trial in AD**
Frank Longo, M.D., Ph.D., *Stanford University*

Tuesday, May 5th

12:15 – 1:15pm **Lunch & Learn: Rigor and Transparency in Biomedical Research**
Devon Crawford, PhD, NINDS (virtual)

1:15 – 2:15pm **Mouse Models Resources**
Mike Sasner, Ph.D., *The Jackson Laboratory*

2:15 – 2:30pm Break

2:30 – 3:30pm **Standards for reagent resource validation YCharOS: Antibody Characterization through Open Science**
Carl LaFlamme, Ph.D., *McGill University*

3:30 – 4:30pm **Biomarkers, Enabling Drug Discovery, Open Science, and the TREAT-AD consortium**
Jeffrey L. Dage, Ph.D., *Indiana University School of Medicine*

4:30 – 4:45pm Break

4:45 – 5:45pm **Drug Discovery Roadmap – from Idea to Drug Approval**
Stacey Rizzo, Ph.D., *University of Pittsburgh Aging Institute*

Wednesday, May 6th

4:00 – 5:30pm **PK/PD Modeling Lecture and Practicum**
Sara Quinney, Ph.D., *Indiana University School of Medicine* (virtual)
Paul Territo, Ph.D., *Indiana University School of Medicine*

5:30 – 7:00pm Break

7:00 – 8:00pm **Translational Approaches for Studying Human Behaviors in Animal Models: MODEL-AD & MARMO-AD**
Stacey Rizzo, Ph.D., *University of Pittsburgh Aging Institute*

Thursday, May 7th

3:30 – 4:45pm **Translational Pharmacology: In Vivo PET/MR**
Paul Territo, Ph.D., *Indiana University School of Medicine*

4:45 – 5:00pm Break

5:00 – 6:00pm **Keynote Lecture: Social Determinants of Health & Disparities in AD Research**
Lisa Barnes, Ph.D., *Rush University Medical Center* (virtual)

Friday, May 8th

10:15 – 11:15am

Microphysiological System (MPS AD)

Greg Carter, Ph.D., *The Jackson Laboratory*

11:15 – 12:15pm

Funding Programs and Opportunities from the Alzheimer's Association

Heather Snyder, Ph.D., *Alzheimer's Association* (virtual)

12:15 – 1:00pm

Break

1:00 – 2:00pm

Alzheimer's Disease Preclinical Efficacy Database

Shreaya Chakroborty, Ph.D., *National Institute on Aging*

2:00 – 3:00pm

NIA Resources and Opportunities

Laura Major, Ph.D., *National Institute on Aging*