



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

May 4-8, 2026

Schedule Subject to Change

Sunday, May 3rd

- 3:00 pm Arrivals (Highseas Conference Center)
- 5:00 – 6:00pm Social Hour & Welcome Reception (Highseas 1st floor)
- 6:00 – 7:00pm Dinner

Monday, May 4th

- 7:30 – 8:30am Breakfast (Highseas 1st floor)
- 8:30 – 9:00am **Welcome and Course Overview** (Highseas 3rd floor)
Stacey Rizzo, Ph.D., *University of Pittsburgh Aging Institute*
- 9:00 – 9:45am **NIA Translational Research Programs for AD/ADRD** (Highseas 3rd floor)
Suzana Petanceska, Ph.D.
Larry Refolo, Ph.D.
National Institute on Aging, National Institutes of Health
- 9:45 – 10:00am Break
- 10:00 – 11:00am **The MODEL-AD Approach: Phenotyping Mice for Next-Gen Preclinical Research** (Highseas 3rd floor)
Adrian Oblak, Ph.D., *Indiana University School of Medicine*
- 11:00 – 12:00pm **Bioinformatics and Data Management in MODEL-AD** (Highseas 3rd floor)
Greg Carter, Ph.D., *The Jackson Laboratory*
- 12:00 – 1:00pm **Lunch** (Highseas 1st floor)
- 1:00 – 2:15pm **MODEL-AD PTC** (Highseas 3rd floor)
Stacey Rizzo, Ph.D., *University of Pittsburgh Aging Institute*
Paul Territo, Ph.D., *Indiana University School of Medicine*
- 2:15 – 2:30pm Break

- 2:30 – 3:30pm **Introduction to the AD Knowledge Portal and MODEL-AD**
Jessica Britton, Ph.D., *Sage Bionetworks*
- 3:30 – 4:15pm **Genetic and environmental approaches to improve mouse models for Alzheimer's disease and related dementias** (Highseas 3rd floor)
Gareth Howell, Ph.D., *The Jackson Laboratory*
- 4:15 – 4:45pm **Intro for Group Activity: The right model for the right experiment** (Highseas 3rd floor)
Gareth Howell, Ph.D., *The Jackson Laboratory*
- 4:45 – 6:45pm **Reception & Lobster Dinner** (Highseas 1st floor)
- 7:00 – 8:00pm **Executing translational research from preclinical mechanism elucidation to a human trial in AD** (Highseas 3rd floor)
Frank Longo, M.D., Ph.D., *Stanford University*

Tuesday, May 5th

- 7:00 – 7:45am Breakfast (Highseas 1st floor)
- 7:45 – 8:00am **GROUP A - Transportation to GRB Training Laboratory** (Meet in Highseas lobby)
- 8:00 – 10:00am **GROUP A: Hands-on Laboratory Session: Biomethods Training** (Required)
Angela Begin, MLAS, LVT, RLATg, Benjamin Carter, Travis Burpee, *The Jackson Laboratory*
Restraint, PO dosing (and specific related restraints), Serial tail bleeds
- 9:45 – 10:00am **GROUP B - Transportation to GRB Training Laboratory** (Meet in Highseas lobby)
- 10:00 – 10:15am **GROUP A – Return Transportation to Highseas** (Pick up in GRB Training Lab)
- 10:00 – 12:00pm **GROUP B: Hands-on Laboratory Session: Biomethods Training** (Required)
Angela Begin, MLAS, LVT, RLATg, Benjamin Carter, Travis Burpee, *The Jackson Laboratory*
Restraint, PO dosing (and specific related restraints), Serial tail bleeds
- 12:00 – 12:15pm **GROUP B – Return Transportation to Highseas** (Pick up in GRB Training Lab)
- 12:15 – 1:15pm **Lunch & Learn: Rigor and Transparency in Biomedical Research** (Highseas 3rd Floor)
Devon Crawford, PhD, *NINDS* (virtual)
- 1:15 – 2:15pm **Mouse Models Resources** (Highseas 3rd Floor)
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** (Highseas 3rd floor)
Carl LaFlamme, Ph.D., *McGill University*
- 3:30 – 4:30pm **Biomarkers, Enabling Drug Discovery, Open Science, and the TREAT-AD consortium**
(Highseas 3rd Floor)
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 (Highseas 3 rd Floor) Stacey Rizzo, Ph.D., <i>University of Pittsburgh Aging Institute</i>
6:00 – 7:00pm	Dinner (Highseas 1 st floor)
7:00 – 8:00pm	Town Hall Meeting (Highseas 1 st floor)

Wednesday, May 6th

7:30 – 8:15am	Breakfast (Highseas 1 st floor)
8:15 – 8:30am	Group A: Transportation to GRB Training Laboratory (Meet in Highseas lobby)
8:30 – 11:30am	Group A: Lab Practicum: ARRIVE Guidelines in Experimental Design Hands-on Laboratory Session: In Vivo Dosing and Serial Blood Collections (GRB Training Laboratory) Stacey Rizzo, Ph.D., <i>University of Pittsburgh Aging Institute and MODEL-AD PTC Staff</i>
11:15 – 11:30am	Group B : Transportation to GRB Training Laboratory (Meet in Highseas lobby)
11:30 – 12:30pm	Groups A & B: Lunch (Roscoe's)
12:30 – 12:45pm	Group A: Transportation to Highseas
12:30 – 3 :30pm	Group B: Lab Practicum: ARRIVE Guidelines in Experimental Design Hands-on Laboratory Session: In Vivo Dosing and Serial Blood Collections (GRB Training Laboratory) Stacey Rizzo, Ph.D., <i>University of Pittsburgh Aging Institute and MODEL-AD PTC Staff</i>
3:30 – 3:45pm	Group B: Transportation to Highseas
4:00 – 5:30pm	PK/PD Modeling Lecture and Practicum (Highseas 3 rd Floor) Sara Quinney, Ph.D., <i>Indiana University School of Medicine</i> (virtual) Paul Territo, Ph.D., <i>Indiana University School of Medicine</i>
5:30 – 7:00pm	Dinner (Highseas 1 st floor)
7:00 – 8:00pm	Translational Approaches for Studying Human Behaviors in Animal Models: MODEL-AD & MARMO-AD (Highseas 3 rd Floor) Stacey Rizzo, Ph.D., <i>University of Pittsburgh Aging Institute</i>

Thursday, May 7th

7:30 – 8:45am	Breakfast (Highseas 1 st floor)
8:45 – 9:00am	Group A: Transportation to GRB Training Laboratory (Meet in Highseas lobby)
9:00 – 11:30am	Group A: Hands-on Laboratory Session: Terminal Cerebrospinal Fluid and Brain Tissue Collection, Perfusion demo/practice (GRB Training Laboratory) Stacey Rizzo, Ph.D., <i>University of Pittsburgh Aging Institute and MODEL-AD PTC Staff</i>

11:15 – 11:30am	Group B: Transportation to GRB Training Laboratory (Meet in Highseas lobby)
11:30 – 12:30pm	Groups A & B: Lunch (Roscoes)
12:30 – 12:45pm	Group A: Transportation to Highseas
12:30 – 3:00pm	Group B: Hands-on Laboratory Session: Terminal Cerebrospinal Fluid and Brain Tissue Collection, Perfusion demo/practice (GRB Training Laboratory) Stacey Rizzo, Ph.D., <i>University of Pittsburgh Aging Institute and MODEL-AD PTC Staff</i>
3:00 – 3:15pm	Group B: Transportation to Highseas
3:30 – 4:45pm	Translational Pharmacology: <i>In Vivo</i> PET/MR (Highseas 3 rd floor) Paul Territo, Ph.D., <i>Indiana University School of Medicine</i>
4:45 – 5:00pm	Break
5:00 – 6:00pm	Keynote lecture: Social Determinants of Health & Disparities in AD Research (Highseas 3 rd floor) Lisa Barnes, Ph.D., <i>Rush University Medical Center</i> (virtual)
6:00 – 7:00pm	Dinner (Highseas 1 st floor)
7:00 – 8:00pm	Town Hall (Highseas 1 st floor)

Friday, May 8th

7:30 – 8:00am	Breakfast (Highseas 1 st floor)
8:00 – 9:00 am	Group Presentations: The Right Model for the Right Experiment
9:00 – 10:00am	Preclinical Statistics (Interactive workshop session) (Highseas 3 rd Floor) Vivek Phillip, Ph.D., <i>The Jackson Laboratory</i>
10:00 – 10:15am	Break
10:15 – 11:15am	Microphysiological System (MPS AD) (Highseas 3 rd floor) Greg Carter, Ph.D., <i>The Jackson Laboratory</i>
11:15 – 12:15pm	Funding Programs and Opportunities from the Alzheimer's Association (Highseas 3 rd Floor) Heather Snyder, Ph.D., <i>Alzheimer's Association</i> (virtual)
12:15 – 1:00pm	Lunch (Highseas 1 st floor)
1:00 – 2:00pm	Alzheimer's Disease Preclinical Efficacy Database (Highseas 3 rd Floor) Shreaya Chakroborty, Ph.D., <i>National Institute on Aging</i>
2:00 – 3:00pm	NIA Resources and Opportunities (Highseas 3 rd Floor) Laura Major, Ph.D., <i>National Institute on Aging</i>
6:00pm	Dinner on your own

Saturday, May 9th

7:00 To go breakfast available in the snack room

9:00 Departures (Room check-out is 9:00am)