



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

## Schedule Subject to Change

### Monday, April 25th

3:00 pm Arrivals (Highseas Conference Center)

6:00 pm Dinner and Introductions (Highseas 1<sup>st</sup> floor)  
Town Hall Meeting

### Tuesday, April 26<sup>th</sup>

7:30 Breakfast (Highseas 1<sup>st</sup> floor)

8:30 **Welcome and Course overview** (Highseas 3<sup>rd</sup> floor)  
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine

9:00 **NIA Translational Programs** (Via Zoom)  
Suzana Petanceska, Ph.D., NIH, National Institute on Aging

9:45 **Alzheimer's Disease Preclinical Efficacy Database** (Via Zoom)  
Shreaya Chakroborty, Ph.D., NIH, National Institute on Aging

10:45 **MODEL-AD Overview** (Highseas 3<sup>rd</sup> floor)  
Adrian Oblack, Ph.D. , Indiana University School of Medicine

12:00 Lunch (Highseas 1<sup>st</sup> floor)

1:00 **MODEL-AD DMP**  
Gareth Howell, Ph.D., and Mike Sasner, Ph.D., The Jackson Laboratory

2:00 **MODEL-AD BDMC**  
Greg Carter, Ph.D., The Jackson Laboratory

3:00 **MODEL-AD PTC**  
Stacey Rizzo, Ph.D., University of Pittsburgh School of Medicine

Paul Territo, Ph.D., Indiana School of Medicine

5:00 Wine and Cheese Reception (Highseas 1<sup>st</sup> floor)

6:00 Lobster Dinner

7:00 **Drug Discovery Roadmap – from Idea to Drug Approval**  
Stacey Rizzo, Ph.D., University of Pittsburgh School of Medicine

### **Wednesday, April 27<sup>th</sup>**

7:00 Breakfast (Highseas 1<sup>st</sup> floor)

8:00 **Transportation to GRB Training Laboratory** (Meet in Highseas lobby)

8:15 **Hands-on Laboratory Session: Biomethods Training** (Required)  
Staff, The Jackson Laboratory

11:30 **Transportation to Highseas** (Pick up in GRB Training Lab)

11:45 **Nanostring Lunch** (Highseas 1<sup>st</sup> Floor)

1:00 **Mouse Models Resources, Nomenclature and Tools (cre, tet, KOMP, MGI)** (Highseas 3<sup>rd</sup> Floor)  
Mike Sasner, Ph.D., The Jackson Laboratory

2:00 **AlzForumResources**  
Kelly Dakin, Ph.D., AlzForum

3:00 **PK/PD Modeling**  
Sara Quinney, Ph.D., Indiana University

4:00 **Genetic Diversity in Modeling AD**  
Kristen Onos, Ph.D., The Jackson Laboratory

5:30 Dinner (Highseas 1<sup>st</sup> floor)  
Free Evening

### **Thursday, April 28<sup>th</sup>**

7:30 Breakfast (Highseas 1<sup>st</sup> floor)

8:15 **Group 1: Transportation to GRB Training Laboratory** (Meet in Highseas lobby)

8:30 **Group 1: 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., University of Pittsburgh School of Medicine and MODEL-AD PTC Staff

11:15 **Group 2: Transportation to GRB Training Laboratory** (Meet in Highseas lobby)

- 11:30        **Groups 1 & 2: Lunch (Roscoes)**
- 12:30        **Group 1: Transportation to Highseas**
- 12:30        **Group 2: 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., University of Pittsburg School of Medicine and MODEL-AD PTC Staff
- 3:30        **Group 2: Transportation to Highseas**
- 4:00        **Behavioral Pharmacology for Preclinical Testing in AD**  
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine
- 6:00        Dinner (Highseas 1<sup>st</sup> floor)

### **Friday, April 29<sup>th</sup>**

- 7:30        Breakfast (Highseas 1<sup>st</sup> floor)
- 8:45        **Group 1: Transportation to GRB Training Laboratory** (Meet in Highseas lobby)
- 9:00        **Group 1: Hands-on Laboratory Session: Terminal Cerebrospinal Fluid and Brain Tissue Collection, Perfusion demo/practice** (GRB Training Laboratory)  
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine and MODEL-AD PTC Staff
- 11:15       **Group 2: Transportation to GRB Training Laboratory** (Meet in Highseas lobby)
- 11:30       **Groups 1 & 2: Lunch (Roscoes)**
- 12:30       **Group 1: Transportation to Highseas**
- 12:30       **Group 2: Hands-on Laboratory Session: Terminal Cerebrospinal Fluid and Brain Tissue Collection, Perfusion demo/practice** (GRB Training Laboratory)  
Stacey Rizzo, Ph.D., University of Pittsburgh School of Medicine and MODEL-AD PTC Staff
- 3:00        **Group 2: Transportation to Highseas**
- 4:30        **Translational Pharmacology: *In Vivo* PET/MR** (Highseas 3<sup>rd</sup> floor)  
Paul Territo, Ph.D., Indiana School of Medicine
- 6:00        Dinner (Highseas 1<sup>st</sup> floor)
- 7:00        **Town Hall Forum**

### **Saturday, April 30<sup>th</sup>**

- 7:30        Breakfast (Highseas 1<sup>st</sup> floor)

- 8:30            **Model Systems for AD – From Mouse to Monkey to Man**  
Stacey Rizzo, Ph.D., University of Pittsburgh School of Medicine
- 9:30            **Mouse Explorer Demo and AD Knowledge Portal**  
Anna Greenwood, Sage BioNetworks
- 11:00          **Multi-omics approaches in AD and as tools for therapeutic discovery**  
Nick Seyfried, Ph.D., Emory University
- 12:15          Lunch (Highseas 1<sup>st</sup> floor)
- 1:30            ***Preclinical Statistics and Data Resources***  
*Vivek Phillip, Ph.D., The Jackson Laboratory*
- 2:30            ***Interactive Statistics and Experimental Design Practicum and Breakout Session***  
*Vivek Phillip, Ph.D., The Jackson Laboratory*
- 3:00            **TREAT-AD**  
Alan Palkowitz, Ph.D., Indiana University School of Medicine
- 4:00            **Alzheimer’s Association Funding Programs**  
Stefania Forner, Alzheimer’s Association
- 6:00            Dinner and Free Evening
- Sunday, May 1st**
- 7:00            Breakfast
- 9:00            Departures (Room check-out is 9:00am)