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 1st floor)
         Town Hall Meeting

Tuesday, April 26th
7:30  Breakfast (Highseas 1st floor)

8:30  Welcome and Course overview (Highseas 3rd 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 3rd floor)
      Adrian Oblack, Ph.D., Indiana University School of Medicine

12:00 Lunch (Highseas 1st 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 1st 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 27th**
7:00 Breakfast (Highseas 1st 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 1st Floor)
1:00 Mouse Models Resources, Nomenclature and Tools (cre, tet, KOMP, MGI) (Highseas 3rd Floor)
   Mike Sasner, Ph.D., The Jackson Laboratory
2:00 AlzForum Resources
   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 1st floor)
   Free Evening

**Thursday, April 28th**
7:30 Breakfast (Highseas 1st 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 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:** Lab Practicum: ARRIVE Guidelines in Experimental Design Handson 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 1st floor)

**Friday, April 29th**
7:30  Breakfast (Highseas 1st 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 Pittsburg School of Medicine and MODEL-AD PTC Staff

3:00  **Group 2:** Transportation to Highseas

4:30  **Translational Pharmacology: In Vivo PET/MR** (Highseas 3rd floor)
Paul Territo, Ph.D., Indiana School of Medicine

6:00  Dinner (Highseas 1st floor)

7:00  **Town Hall Forum**

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