



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

April 26 – May 1, 2020

Schedule Subject to Change

Sunday, April 26, 2020

3:00 pm Arrivals & Check In

6:00 pm Dinner and Introductions

Monday, April 27, 2020

7:00 am Breakfast

8:30 am **Welcome and Meeting Overview**

9:00 am **Not Confirmed Lecture: NIA Translational Programs Overview**
Suzana Petanceska, Ph.D., Program Officer, NIA

10:00 am **Not Confirmed Lecture: Alzheimer's Disease Preclinical Efficacy Database (AlzPED)**
Larry Refolo, Ph.D., Alzheimer's Drug Development Program, NIA

10:30 am Coffee Break

11:00 am **MODEL-AD Overview**
Adrian Oblak, Ph.D., Indiana University

12:00 pm **Lunch & Learn – Sponsored by RockStep Solutions**

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

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

3:00 pm Coffee break

3:30 pm **MODEL-AD Preclinical Testing Core**
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine
Paul Territo, Ph.D., Indiana School of Medicine

- 5:00 pm Wine and Cheese Reception
- 6:00 pm Lobster Dinner
- 7:00 pm Town Hall Discussion

Tuesday, April 28, 2020

- 7:00 am Breakfast
- 8:00 am **Transportation to GRB Training Laboratory** (Meet in Highseas lobby)
- 8:15 am **Hands-on Laboratory Session: Biomethods Training** (Required)
Kristin Cough, The Jackson Laboratory & Staff
- 11:00 am **Transportation back to Highseas**
- 11:30 am **Lunch & Learn – Sponsored by Nanostring**
- 1:00 pm **Introduction to the Mouse Model System**
Leona Gagnon, M.S., The Jackson Laboratory
- 2:00 pm **Neurogenetics Tools: JAX mouse resources (cre, tet, KOMP, MGI)**
Mike Sasner, Ph.D., The Jackson Laboratory
- 3:00 pm Coffee Break
- 3:30 pm **Neurogenetics Tools: CRISPR**
Bill Buas, Ph.D., The Jackson Laboratory
- 4:30 pm **Agora**
Mette Peters, Ph.D., Sage Bionetworks
- 5:30 pm Dinner
- 7:00pm **Evening Lecture – An Industry Perspective**
Not Confirmed *Ron Demattos, Ph.D., Eli Lilly*

Wednesday, April 29, 2020

- 7:30 am **Breakfast**
- 8:00 am **Group 1: Transportation to GRB Training Laboratory** (Meet in Highseas lobby)
Group 2: Free Time
- 8:30 am **Group 1: Lab Practicum: ARRIVE Guidelines in Experimental Design Hands-on Laboratory Session: In Vivo Dosing and Serial Blood Collections**
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine and MODEL-AD PTC Staff

- 11:15 am **Group 2: Transportation to Roscoe's Dining** (Meet in Highseas lobby)
- 11:30 am **Groups 1 & 2: Lunch** (Roscoe's)
- 12:30 pm **Group 1: Transportation to Highseas & Free Time**
- 12:15 pm **Group 2: Lab Practicum: ARRIVE Guidelines in Experimental Design Hands-on Laboratory Session: In Vivo Dosing and Serial Blood Collections**
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine and MODEL-AD PTC Staff
- 3:30 pm **Group 2: Transportation to Highseas**
- 4:00 pm **Drug Discovery Roadmap**
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine
- 5:30 pm Dinner
- 6:30 pm **Town Hall Discussion**

Thursday, April 30, 2020

- 7:30 am Breakfast
- 8:30 am **Group 2: Transportation to GRB Training Laboratory** (Meet in Highseas lobby)
Group 1: Free Time
- 9:00 am **Group 2: Hands-on Laboratory Session: Terminal Cerebrospinal Fluid and Brain Tissue Collection, Perfusion demo/practice**
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine and MODEL-AD PTC Staff
- 11:15 am **Group 1: Transportation to Roscoe's Dining** (Meet in Highseas lobby)
- 11:30 am **Groups 1 & 2: Lunch** (Roscoes – Lunch tickets)
- 12:30 pm **Group 2: Transportation to Highseas & Free Time**
- 12:00 pm **Group 1: Hands-on Laboratory Session: Terminal Cerebrospinal Fluid and Brain Tissue Collection, Perfusion demo/practice**
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine and MODEL-AD PTC Staff
- 3:00 pm **Group 1: Transportation to Highseas**
- 3:30 pm **Pharmacodynamics**
Paul Territo, Ph.D., Indiana School of Medicine
- 4:30 pm **PK/PD Modeling**
Sara Quinney, Ph.D., Indiana University
- 6:00 pm Dinner
- 7:00 pm **Town Hall Discussion**

Friday, May 1, 2020

- 7:30 am Breakfast
- 8:30 am **Genetically Diverse Mouse Models – Relevance to AD**
Kristen Onos, Ph.D., The Jackson Laboratory
- 9:30 am **Behavioral Pharmacology for Preclinical Testing in AD**
Stacey Rizzo, Ph.D., University of Pittsburg School of Medicine
- 10:30 am **Translational Pharmacology: *In Vivo* PET/MR**
Paul Territo, Ph.D., Indiana School of Medicine
- 12:00 pm **Lunch & Learn (TissueVision – Not Confirmed)**
- 2:00 pm **Proteomics & Metabolomics**
Nick Seyfried, Ph.D., Emory University
- 3:00 pm Coffee Break
- 3:30 pm **Preclinical Statistics and Data Resources**
Vivek Phillip, Ph.D., The Jackson Laboratory
- 4:30 pm **Interactive Statistics and Experimental Design Practicum and Breakout Session**
Vivek Phillip, Ph.D., The Jackson Laboratory
- 6:00 Dinner

Saturday, May 2, 2020

- 7:00 Breakfast
- 9:00 Departures (Room check-out is 9:00am)