Improving Preclinical Translation of Alzheimer’s Disease Research

October 22-26, 2018

Draft Workshop Schedule – Subject to Change

Sunday, October 21st

PM
4:00 Registration and Welcome Reception
5:00 Faculty and Participant Introductions
6:30 Welcome Banquet Dinner

Monday, October 22nd

AM
7:00 Breakfast
8:30 Welcome and Meeting Overview
9:00 Lecture: NIA Translational Programs Overview
   Suzana Petanceska, Ph.D., Program Officer, NIA
10:00 Lecture: Alzheimer’s Disease Preclinical Efficacy Database (AlzPED)
   Larry Refolo, Ph.D., Alzheimer’s Drug Development Program, NIA
11:00 Coffee Break
11:30 Lecture: Drug Discovery and Development Process Overview
   Dave McKinzie, Ph.D., Indiana University School of Medicine

PM
12:30 Lunch
1:30  Lecture: Preclinical Statistics – Appropriate Analysis and Sample Size Calculations  
   Vivek Phillip, Ph.D., The Jackson Laboratory

2:30  Lecture: Pharmacokinetics  
   Sara Quinney, Ph.D., Indiana University School of Medicine

3:30  Coffee Break

4:00  Lecture: Pharmacodynamics  
   Paul Territo, Ph.D., Indiana University School of Medicine

6:30  Dinner

**Tuesday, October 23rd**

AM  
7:00  Breakfast

8:00  Transportation to Main Laboratory

8:30  Hands-On Laboratory Session: Biomethods Training  
   Kristin Cough, B.D., The Jackson Laboratory

PM  
12:00  Lunch

1:00  Hands-On Laboratory Session: Prep for in vivo PK Study – Blinding, Randomization and Technical Application of the ARRIVE Guidelines  
   Stacey Rizzo, Ph.D., The Jackson Laboratory

4:00  Transportation to Highseas

4:30  Lecture: The Evolution of Leviteracetam from Seizure Drug to AD Treatment  
   Sharon Rosenzweig-Lipson, Ph.D., AgeneBio™

6:30  Dinner

7:30  Town Hall Discussion

**Wednesday, October 24th**

AM  
7:00  Breakfast

8:00  Transportation to Main Laboratory

8:30  Hands-On Laboratory Session: In Vivo Dosing and Serial Blood Collections  
   MODEL-AD Preclinical Testing Core Investigators and JAX CBA Staff
PM
12:30 Lunch
1:30 Continuation of *In Vivo* Dosing and Serial Blood Collections
3:00 Transportation to Highseas
3:30 Lecture: Bioanalytical-Interpreting Results from PK Studies  
*Andi Masters, M.D., Indiana University School of Medicine*

4:30 Lecture: PK/PD Modeling  
*Sara Quinney, Ph.D., Indiana University School of Medicine*

6:00 Dinner
7:00 Town Hall Discussion

**Thursday, October 25**th

AM
7:00 Breakfast
8:00 Transportation to Main Laboratory
8:30 Hands-On Laboratory Session: Terminal Cerebrospinal Fluid and Brain Tissue Collection  
*MODEL-AD Preclinical Testing Core Investigators and JAX CBA Staff*

PM
12:30 Lunch
1:15 Transportation to Highseas
1:30 Lecture: Translational Pharmacology: *In Vivo* PET/MR Imaging  
*Paul Territo, Ph.D., Indiana University School of Medicine*

3:00 Lecture: The Intersection of Clinical and preclinical AD Genetics  
*Greg Carter, Ph.D., The Jackson Laboratory*

4:00 Coffee Break
4:30 Lecture: The MODEL-AD Consortium  
*Gareth Howell, Ph.D., The Jackson Laboratory*

5:30 Lecture: New Mouse Models Resources for AD  
*Michael Sasner, Ph.D., The Jackson Laboratory*

6:30 Dinner
7:30 Town Hall Discussion
Friday, October 26th

AM
7:00  Breakfast
7:30  Optional CBA Tour
9:30  Lecture: Behavioral Pharmacology for Preclinical Testing in AD: Lessons Learned and Path Forward
      Stacey Rizzo, Ph.D., The Jackson Laboratory
10:30 Coffee Break
11:00 Interactive Statistics Practicum – Retrospective Analysis of Literature Data
      Vivek Phillip, Ph.D., The Jackson Laboratory

PM
12:30 Lunch
1:30  Experimental Design Practicum
      Courses Organizers and Select Workshop Faculty
5:00  Adjourn and Dinner on Your Own

Saturday, October 27th

AM
7:00  Breakfast
9:00  Highseas Check Out