BrightFocus
ALZHEIMER’S FAST TRACK
October 2-4, 2024 | Chicago, IL

■ Tuesday, October 1
7–9:00 p.m. Welcome reception

■ Wednesday, October 2
8–8:15 a.m. Welcome

SESSION I: Fostering Success in Science
Moderator: Harry Steinbusch

8:15–8:30 a.m. How to Write a Successful Grant
Cindy Lemere

8:30–8:45 a.m. Building a Foundation of Success for Early Stage Scientists
Frank LaFerla

8:45–9:45 a.m. Making an Impact With Your Speech and Style
Bri McWhorter

9:45–10:15 a.m. Break

SESSION II: Clinical Features of Alzheimer’s Disease
Moderator: Frank LaFerla

10:15–10:35 a.m. Neuropathology and Atypical AD
Melissa Murray

10:35–10:55 a.m. Focus on the Locus Coeruleus to Detect Pre-Preclinical Alzheimer’s Disease
Heidi Jacobs

10:55–11:15 a.m. Using Artificial Intelligence to build Predicative Models
Aris Sotiras

11:15 a.m.–noon Discussion
Noon–1:30 p.m. Lunch

SESSION III: Immunity and Inflammation
Moderator: Cindy Lemere

1:30–1:50 p.m. Role of Inflammation in AD
Malú Tansey

1:50–2:10 p.m. SARS-CoV-2 Infection, Neuroimmune Response and Risk of Alzheimer’s Disease
Ling Li

2:10–2:30 p.m. Tunneling Nanotubes in AD
Michael Heneka
SESSION IV: Diagnostics, Risk Factors, and Interventions
Moderator: Harry Steinbusch

3:45–4:05 p.m.  Translational Approaches using Therapeutics and MRI-Guided Focused Ultrasound for the Treatment of Neurological Disorders  Isabelle Aubert

4:05–4:25 p.m.  The role of the microbiome in Alzheimer’s disease  Laura Cox

4:25–4:45 p.m.  Neuroscience in the Blink of an Eye: Using the Retina to Understand the Brain  Melanie Samuel

4:45–5:30 p.m.  Discussion

5:30–7 p.m.  Work on Grant Proposals

7–9 p.m.  Dinner

Thursday, October 3

SESSION I: Life Lessons

8–8:20 a.m.  Managing Up: Strategies for Building Strong Relationships with Your Mentors  Melanie Samuel

8:20–8:40 a.m.  Life, Well-Being, Work  Isabelle Aubert

SESSION II: Vascular Contributions
Moderator: Cynthia Lemere

8:40–9 a.m.  Understanding and Modeling ARIA  Donna Wilcock

9–9:20 a.m.  The Meningeal Lymphatic System in AD  Sandro Da Mesquita

9:20–9:40 a.m.  Traumatic Brain Injury and Brain Health  Cheryl Wellington

9:40–10:25 a.m.  Discussion

10:25–11:10 a.m.  Break
SESSION III: Toxic Proteins
Moderator: Frank LaFerla

11:10–11:30 a.m.  Role of Tau in Alzheimer’s Disease  Cristian Lasagna-Reeves
11:30–11:50 a.m.  Role of Amyloid in AD  Robert Vassar
11:50 a.m.– noon  Role of TDP-43 in AD  Pete Nelson
Noon– 12:55 p.m.  Discussion
12:55–2:15 p.m.  Lunch

SESSION IV: MODEL SYSTEMS
Moderator: Harry Steinbusch

2:15–2:35 p.m.  Mouse Models for Studying Alzheimer’s Disease  Joanna Jankowsky
2:35–2:55 p.m.  Non-Human Primate Models  Stacey Sukoff Rizzo
2:55–3:15 p.m.  Interrogating Genetic Risk for Alzheimer’s Disease Using Induced Pluripotent Stem Cell Models  Tracy Young-Pearse
3:15–3:35 p.m.  Stem Cell in AD  Fred H. Gage
3:35–4:15 p.m.  Discussion
4:15–5 p.m.  Ask Me Anything  All Speakers/Organizers
5–7 p.m.  Work on Grant Proposals
7–9 p.m.  Dinner and Keynote Lecture: Examining and Enacting a Future of Equity in Aging: The Role of Demographic and Methodological Diversity  Crystal Glover
Friday, October 4

9–9:20 a.m.
Group I

9:20–9:35 a.m.
Discussion

9:35–9:55 a.m.
Group II

9:55–10:10 a.m.
Discussion

10:10–10:30 a.m.
Group III

10:30–10:45 a.m.
Discussion
10:45–11:05 a.m.
Group IV

11:05–11:20 a.m.
Discussion

11:20–11:40 a.m.
Group V

11:40–11:55 a.m.
Discussion

Noon–2 p.m.
Group Photo and Lunch

2–2:20 p.m.
Group VI

2:20–2:35 p.m.
Discussion

2:35–2:55 p.m.
Group VII

2:55–3:10 p.m.
Discussion

3:10–3:30 p.m.
Group VIII

3:30–3:45 p.m.
Discussion

3:45–4:05 p.m.
Group IX

4:05–4:20 p.m.
Discussion