

# BrightFocus ALZHEIMER'S FAST TRACK

October 2-4, 2024 | Chicago, IL



## ■ 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 Predictive 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**

2:30–3:15 p.m. Discussion

3:15–3:45 p.m. Break

# BrightFocus ALZHEIMER'S FAST TRACK

October 2-4, 2024 | Chicago, IL



## 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	

# BrightFocus ALZHEIMER'S FAST TRACK

October 2-4, 2024 | Chicago, IL



## 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

<b>9:35–9:55 a.m.</b>	Group II
<b>9:55–10:10 a.m.</b>	Discussion
<b>10:10–10:30 a.m.</b>	Group III
<b>10:30–10:45 a.m.</b>	Discussion
<b>10:45–11:05 a.m.</b>	Group IV
<b>11:05–11:20 a.m.</b>	Discussion
<b>11:20–11:40 a.m.</b>	Group V
<b>11:40–11:55 a.m.</b>	Discussion
<b>Noon–2 p.m.</b>	Group Photo and Lunch
<b>2–2:20 p.m.</b>	Group VI
<b>2:20–2:35 p.m.</b>	Discussion
<b>2:35–2:55 p.m.</b>	Group VII
<b>2:55–3:10 p.m.</b>	Discussion
<b>3:10–3:30 p.m.</b>	Group VIII
<b>3:30–3:45 p.m.</b>	Discussion
<b>3:45–4:05 p.m.</b>	Group IX
<b>4:05–4:20 p.m.</b>	Discussion
<b>4:20–5 p.m.</b>	Deliberation and Awards
	Closing Reception TBD