

# BrightFocus ALZHEIMER'S FAST TRACK

October 2-4, 2024 | Chicago, IL



**BrightFocus®  
Foundation**  
Cure in Mind. Cure in Sight.

## ■ Tuesday, October 1

7–9 p.m. Welcome reception | Penthouse

## ■ Wednesday, October 2

7–8 a.m. BREAKFAST | Ballroom A

8–8:15 a.m. Welcome | Ballroom BCD

### 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. Critical Neuropathologic Insights to Advance Our Understanding of Alzheimer's Disease **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. Unlocking Brain Insights: Machine Learning Applications in Neuroimaging Studies **Aris Sotiras**

11:15 a.m. – noon Discussion

Noon–1:30 p.m. LUNCH | Ballroom A

### SESSION III: Immunity and Inflammation

Moderator: Cindy Lemere

1:30– 1:50 p.m. Role of Immunity and Inflammation in AD and ADRDs **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. The Meningeal Lymphatic System in AD **Sandro Da Mesquita**

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2:30–3:15 p.m. Discussion

3:15–3:45 p.m. BREAK

## SESSION IV: Diagnostics, Risk Factors, and Interventions

Moderator: Harry Steinbusch

3:45–4:05 p.m. The Therapeutic Potential of Modulating the Brain Barrier with Ultrasound: From Drug Delivery to Brain Plasticity and Regeneration **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 | Breakout Rooms

7–9 p.m. DINNER | Ballroom A

## ■ Thursday, October 3

7–8 a.m. BREAKFAST | Ballroom A

## SESSION I: Life Lessons

Moderator: Sharyn Rossi

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. From There to Here: the Timeline of Anti-Amyloid Therapies and Understanding ARIA **Donna Wilcock**

9–9:20 a.m. Tunneling Nanotubes in AD **Michael Heneka**

9:20–9:40 a.m. Connections Between Brain Injury and Dementia **Cheryl Wellington**

9:40–10:25 a.m. Discussion

10:25–11 a.m. BREAK

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## SESSION III: Toxic Proteins

Moderator: Frank LaFerla

<b>11–11:20 a.m.</b>	The Amyloid Hypothesis: Past, Present, and Future	<b>Robert Vassar</b>
<b>11:20–11:40 a.m.</b>	Role of Tau in Alzheimer's Disease	<b>Cristian Lasagna-Reeves</b>
<b>11:40 a.m.–Noon</b>	Limbic-predominant Age-related TDP-43 Encephalopathy Neuropathologic Change (LATE-NC), a Common and Impactful Pathology in the Elderly	<b>Pete Nelson</b>
<b>Noon– 12:45 p.m.</b>	Discussion	
<b>12:45–2:15 p.m.</b>	LUNCH   Ballroom A	

## SESSION IV: MODEL SYSTEMS

Moderator: Harry Steinbusch

<b>2:15–2:35 p.m.</b>	Mouse Models for Studying Alzheimer's Disease	<b>Joanna Jankowsky</b>
<b>2:35–2:55 p.m.</b>	Modeling Human Alzheimer's Disease in Marmosets	<b>Stacey Sukoff Rizzo</b>
<b>2:55–3:15 p.m.</b>	Interrogating Genetic Risk for Alzheimer's Disease Using Induced Pluripotent Stem Cell Models	<b>Tracy Young-Pearse</b>
<b>3:15–3:35 p.m.</b>	Human Age Related Neurodegenerative Disease	<b>Fred H. Gage</b>
<b>3:35–4:15 p.m.</b>	Discussion	
<b>4:15–5 p.m.</b>	Ask Me Anything	<b>All Speakers/Organizers</b>
<b>5–7 p.m.</b>	Work on Grant Proposals   Breakout Rooms	
<b>7–9 p.m.</b>	DINNER and Keynote Lecture: Examining and Enacting a Future of Equity in Aging: The Role of Demographic and Methodological Diversity   Ballroom A	<b>Crystal Glover</b>

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## ■ Friday, October 4

8–9 a.m.	BREAKFAST   Ballroom A
9–9:20 a.m.	Group I: Vascular Contributions   Ballroom BCD
9:20–9:35 a.m.	Discussion
9:35–9:55 a.m.	Group II: Toxic Proteins
9:55–10:10 a.m.	Discussion
10:10–10:30 a.m.	Group III: Social Determinants of Health
10:30–10:45 a.m.	Discussion
10:45–11:05 a.m.	Group IV: Risk Factors
11:05–11:20 a.m.	Discussion
11:20–11:40 a.m.	Group V: Neuroinflammation
11:40–11:55 a.m.	Discussion
Noon–2 p.m.	Group Photo and LUNCH   Ballroom A
2–2:20 p.m.	Group VI: Neuroimaging
2:20–2:35 p.m.	Discussion
2:35–2:55 p.m.	Group VII: Model Systems
2:55–3:10 p.m.	Discussion
3:10–3:30 p.m.	Group VIII: Microbiome
3:30–3:45 p.m.	Discussion
3:45–4:05 p.m.	Group IX: Interventions
4:05–4:20 p.m.	Discussion
4:20–5 p.m.	Deliberation and Awards
7–10 p.m.	Closing Reception   Penthouse