

JH CAHN 2025 SYMPOSIUM

Modern Translational Approaches to NeuroHIV

APRIL 8, 2025 | 9:00 AM - 3:00 PM

JOHNS HOPKINS OWENS AUDITORIUM
or virtually via Zoom

TIME	DESCRIPTION	PRESENTER
8:30 - 9:00 AM	Breakfast	
9:00 - 9:05 AM	Welcome & Opening Remarks	Barbara Slusher, PhD and Leah Rubin, PhD, JH CAHN Directors
9:05 - 9:10 AM	Introduction to the Clinical Core	Leah Rubin, JH CAHN Clinical Core Leader
9:10 - 9:55 AM	Clinical Core Invited Lecture: <i>Biotyping people with HIV based on viral and immune pathogenesis</i>	Avindra Nath, MD, Clinical Director; Chief of the Section of Infections of the Nervous System, NINDS
9:55 - 10:00 AM	Introduction to Development Core Pilot Awardees	Amanda Brown, PhD and Ahmet Hoke, MD, PhD, JH CAHN Development Core Leaders
10:00 - 10:15 AM	<i>Contribution of Neuroinflammation to Motor Function in Virally Suppressed People With HIV</i>	Eran Shorer, MBChB, MSc, Johns Hopkins School of Medicine
10:15 - 10:30 AM	<i>Brain N-acetyl-aspartyl-glutamate (NAAG) is positively associated with cognitive function in older virally-suppressed people with HIV</i>	Robyn Wiseman, Graduate Student, Pharmacology
10:30 - 10:50 AM	Break	
10:50 - 10:55 AM	Introduction to the Therapeutic Core	Barbara Slusher, JH CAHN Therapeutic Core Leader
10:55 - 11:40 AM	Therapeutic Core Invited Lecture: <i>Applying Cryo-EM and Machine Learning to Neuro HIV drug discovery</i>	Sean Ekins, PhD, DSc, CEO and Founder, Collaborations Pharmaceuticals

To register: bit.ly/JHCAHN2025

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APRIL 8, 2025 | 9:00 AM - 3:00 PM | Johns Hopkins Owens Auditorium

TIME	DESCRIPTION	PRESENTER
11:40 AM - 12:40 PM	Lunch	
12:40 - 12:45 PM	Introduction to Development Core Pilot Awardees	Amanda Brown, PhD and Ahmet Hoke, MD, PhD, JH CAHN
12:45 - 1:00 PM	<i>Characterization of sleep disturbances in the proBLT mouse model of HIV-associated neurocognitive disorder (HAND)</i>	Xiaolei Zhu, MD, PhD, Johns Hopkins School of Medicine
1:00 - 1:15 PM	<i>The microbiome as a modulator of HIV antiretroviral therapy impacts on blood brain barrier damage and peripheral/neuro-inflammation</i>	Jotham Suez, PhD, Johns Hopkins School of Public Health
1:15 - 1:20 PM	Introduction to the Biomarker Core	Rebecca Veenhuis, PhD, JH CAHN Biomarker Core Leader
1:20 - 2:05 PM	Biomarker Core Invited Lecture	Tricia Burdo, PhD, Rutgers, The State University of New Jersey
2:05 - 2:10 PM	Introduction to Development Core Pilot Awardees	Amanda Brown, PhD and Ahmet Hoke, MD, PhD, JH CAHN
2:10 - 2:25 PM	<i>Persistent HIV viral transcripts in brain-derived immune cells in NeuroHIV</i>	Lindsay Hayes, PhD, University of Oklahoma Health Sciences Center
2:25 - 2:40 PM	<i>Neuropathologic findings in a community-based autopsy cohort of older, virally-suppressed, people with HIV</i>	Thomas Zaikos, MD, PhD, University of California, Irvine
2:40 - 3:00 PM	Closing Remarks	Barbara Slusher, PhD, and Leah Rubin, PhD, JH CAHN

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