

Thursday, June 6, 2024

8:00 AM	Registration			
9:00 AM	Welcome			
9:15 AM	Keynote	Daniel Dombeck, Ph.D.	Northwestern University	North Ballroom
		Title: Microscopy, Methods and Memories		
10:15 AM	Break	Food and Drinks Served		South Ballroom
10:30 AM		Poster Session I		South Ballroom
12:00 PM	Lunch	Food and Drinks Served		Union Hall
1:30 PM	Invited Talks I	Andrew Saykin, Ph.D.	Indiana University School of Medicine	North Ballroom
		Title: New frontiers in Alzheimer's research and therapy: Harnessing data science and systems biology on the way to precision medicine		
		Krishna Jayant, Ph.D.	Purdue University	
		Title: Spacetime Codes: Traveling Waves in sensory processing and motor control		
2:30 PM	Data Blitz I	Brandon Coventry, Ph.D.	University of Wisconsin-Madison	North Ballroom
		Title: Chronos: A closed-loop stimulation and recording implantable pulse generator platform for chronic preclinical neuromodulation studies.		
		Yanru Ji	Purdue University	
		Title: Developing a Vascularized Neuroimmune Organoid Model for Studying Sporadic Alzheimer's Disease and Drug Screening		
		Sára Nemes	Indiana University	
		Title: Sex-associated differences in plasma and cerebrospinal fluid biomarkers in Early-onset Alzheimer's disease		
		Apostolia Topaloudi, Ph.D.	Purdue University	
		Title: Mendelian randomization analysis of the largest Tourette Syndrome GWAS to date identifies causal association with novel genes.		
3:30 PM	Break			
3:45 PM	Invited Talks 2	Savannah Snyder, Ph.D.	Bruker Corporation	North Ballroom
		Title: TBD		
		Daniel Wahl, Ph.D.	University of Michigan	
		Title: Rewiring of cortical glucose metabolism fuels human brain cancer growth		
4:30 PM	Now Hiring!	Any PI that wants to advertise their lab to students		North Ballroom
5:00 PM	Break			
6:00 PM		Network Night! – Bar, food, games, prizes, and fun!		North and South Ballroom

Friday, June 7, 2024

9:00 AM	Welcome			
9:15 AM	Invited Talks 3	Bengi Baran, Ph.D.	University of Iowa	North Ballroom
		Title: Sleep as a potential biomarker and treatment target for schizophrenia		
		Anke Tukker, Ph.D.	Purdue University	North Ballroom
		Title: Persistent effects of developmental methylmercury exposure		
10:15 AM	Break – Drinks and Food			South Ballroom
10:30 AM		Poster Session 2		South Ballroom
12:00 PM	Lunch – Food and drinks provided			Union Hall
1:00 PM	Data Blitz 2	Baylen Ravenscraft	Indiana School of Medicine	North Ballroom
		Title: Rescuing the Powerhouse by Blocking the Kiss of Death: Mitochondrial Therapeutics for Heme Coordination, Membrane Electrostatics, and Next-Generation Blueprints for Neuroprotection		
		Chunqi Qian	Michigan State University	
		Title: Wireless Integrated Sensing Detector for simultaneous EEG and MRI		
		David Gauthier	University of Illinois Urbana-Champaign	
		Title: Altered auditory discrimination in a rat model of autism		
1:45 PM	Workshop	Shahir Rizk, Ph.D. Maggie Fink	Indiana University South Bend, IUSM University of Notre Dame	North Ballroom
		Title: Communicating your research in a world of misinformation		
3:45 PM	Afternoon Break			
4:00 PM	Keynote	Gary Lynch, Ph.D.,	UC Irvine School of Medicine	North Ballroom
		Title: Diverse, sexually dimorphic encoding across the primary hippocampal circuit		
5:00 PM	Student Award Ceremony and Thank You!			

