

Interdisciplinary Nutrition Sciences Symposium

Day 1 – September 14th, 2023

September 14, 2023	
8:30-9:00	Registration and light breakfast and coffee
9:00-9:10	Welcome Address: Raz Shaikh, PhD and John Batsis, PhD
SESSION I: EPIDEMIOLOGY OF AGING, OBESITY, AND THE BRAIN Moderator: John Batsis, PhD	
9:10-9:40	"Overview of the Epidemiology of Obesity and Dementia" John Batsis, PhD - UNC Chapel Hill
9:40-10:00	"Lifestyle Trajectories from Midlife to Late-life, Longevity, and Healthy Aging" Ming Ding, ScD – UNC-Chapel Hill
10:00-10:20	"Biomarkers of Cognitive Decline: Evidence from Epidemiological Studies," Wendy Qiu, MD, PhD – Boston University *Virtual*
10:20-10:40	"Body Mass Index as a Potential Mediator in the Relation Between Uric Acid and Cognitive Decline" Kendra Nelson, MPH, RD, LDN – UNC-Chapel Hill
10:40-11:10	"Racial disparities in Alzheimer's Disease research" Andy Liu, MD, PhD – Duke University
11:10-11:40	Panel Discussion: Batsis, Qiu, Liu, Ding, Nelson
NETWORKING LUNCH	
11:50-1:00	Networking Lunch
SESSION II: GUT-BRAIN AXIS IN OBESITY AND AGING Moderator: Dana Small, PhD	
1:00-1:40	"The Brain-Gut Axis in Ingestive Behavior," Dana Small, PhD – Yale University
1:40-2:00	"Deciphering visceral instincts" Diego V. Bohórquez, PhD – Duke University
2:00-2:20	"Plate" to Brain: Exploring Effects of Mediterranean and Western Diets in Aging Animals" Rebecca Solch-Ottaiano, PhD – Tulane University
2:20-2:50	Panel Discussion: Small, Bohórquez, Solch-Ottaiano
2:50-3:20	Break
SESSION III: THE BRAIN-INFLAMMATION CONNECTION Moderator: Raz Shaikh, PhD	
3:20-4:00	"Mechanisms of Inflammation Resolution in Metabolic Disease and Aging," Gabrielle Fredman, PhD - Albany Medical College
4:00-4:20	"Micronutrients and their Impact on Cognition: a Focus on Choline" Isis Trujillo, PhD – UNC-Chapel Hill
4:20-4:40	"Maternal Obesity and Offspring Brain Development: Neuroimaging Findings" Xiawei Ou, PhD – University of Arkansas *Virtual*
4:40-5:00	"Obesity-associated changes in Cerebral Energy Metabolism" Janice Hwang, MD, MHS – UNC-Chapel Hill
5:00-5:30	Panel Discussion: Fredman, Trujillo, Ou, Hwang
POSTER SESSION & RECEPTION	
5:30-7:00	Poster Session & Reception

Interdisciplinary Nutrition Sciences Symposium

Day 2 – September 15th, 2023

September 15, 2023	
7:45-8:20	Check in and light breakfast and coffee
SESSION IV: HOW CAN TRANSLATIONAL GEROSCIENCE IMPACT THE AGING BRAIN? Moderator: John Batsis, MD	
8:20-9:00	“A Geroscience intervention: potential impact on healthspan and the aging brain” Sai Krupa Das, PhD – Tufts University
9:00-9:20	“Cell Senescence in the Aged Brain” Marissa J. Schafer, PhD – Mayo Clinic
9:20-9:40	“Translational Geroscience: Biological Measures in Conducting Clinical Trials,” David Lynch, MD – UNC- Chapel Hill
9:40-10:10	Panel Discussion: Das, Schafer, Lynch
10:10-10:30	Break
SESSION V: OBESITY, COGNITIVE FUNCTION, AND INTERVENTIONS Moderator: Kyle S. Burger, PhD	
10:30-11:10	“Weight Loss and Cognition: The Past, Present, and Future,” Stephen Kritchevsky, PhD – Wake Forest University
11:10-11:30	“Neural Adaptation to Food Cues and Taste,” Kyle S. Burger, PhD – UNC -Chapel Hill
11:30-11:50	“Research on Nutrition for Brain Health” Susan B. Roberts, PhD – Tufts University
11:50-12:25	Panel Discussion: Kritchevsky, Burger, Roberts,
EARLY CAREER LUNCH AND WORKSHOP Moderators: Kyle S. Burger, PhD, and John Batsis, MD	
12:25-12:45	Break/Pick up lunch
12:45-1:25	“Mentoring and Diversity in the Scientific Workforce,” Elimelda Moige Onger, PhD – North Carolina A&T
1:25-2:45	Lunch and table discussions
2:45	Symposium Ends – Thank you for coming!