

AGENDA

SYMPOSIUM ON SKELETAL MUSCLE IN AGING, HEALTHSPAN AND DISEASE

APRIL 9, 2025 - Levin Center: Rooftop

17:30-18:30	Reception for speakers and sponsors
18:30-20:00	Private dinner for speakers only

APRIL 10, 2025 - Levin Center: Conference Room 1214

7:30-8:00	Continental Breakfast at IHMC
8:00-8:15	Opening Remarks
8:15-9:45	<p><i>Session 1. Framing the Discussion</i></p> <p>Hospital-Associated Disability Cynthia Brown, PT, MSPH, MD, Professor and Chair Department of Medicine, Louisiana State University Health Sciences Center Charles V. Sanders, MD Endowed Chair in Medicine</p> <p>End of Life and Muscle Health: Proxies and Prognosis Dan Sontheimer, MD, Chief Medical Officer, Baptist Healthcare</p> <p>NIA Research Priorities in Aging Skeletal Muscle & Healthspan (virtual) Amanda Boyce, PhD, Chief of the Aging Physiology Branch, Division of Aging Biology Monica Serra, PhD, Program Officer, Division of Geriatrics and Clinical Gerontology NIH National Institute on Aging</p>
9:45-10:00	Break
10:00-11:30	<p><i>Session 2. Aging Hallmarks – Linkage to Skeletal Muscle and Healthspan, Part I</i></p> <p>Age-Regulated Mechanisms Affecting Skeletal Muscle Mass and Function (virtual) David Glass, MD, Vice President for Research Aging/Age-Related Disorders, Regeneron Pharmaceuticals Member, US National Academy of Sciences</p> <p>Changing Focus from Protein Mass to Proteostasis for Healthy Muscle Aging Benjamin Miller, PhD, Professor and Program Chair Aging & Metabolism Research Program, Oklahoma Medical Research Foundation G.T. Blankenship Chair in Aging Research Research Career Scientist, OKC Veterans Affairs Medical Center</p> <p>The Aging Circadian Clock in Muscle: A New Target for Therapeutics? Karyn Esser, PhD, Professor and Chair Department of Physiology and Aging, University of Florida Co-Director, UF Claude D. Pepper Older Americans Independence Center</p>
11:30-12:15	Lunch (Box Lunch)

<i>Session 3. Aging Hallmarks – Linkage to Skeletal Muscle and Healthspan, Part II</i> Cellular Senescence and Skeletal Muscle Aging Nathan K. LeBrasseur, PT, PhD, Professor Department of Physical Medicine & Rehabilitation, Mayo Clinic Director, Robert & Arlene Kogod Center on Aging Co-Director, Paul F. Glenn Center for Biology of Aging Research MuRF1, E3 Ubiquitin Ligases and the Regulation of Skeletal Muscle Mass Sue Bodine, PhD, Professor Aging and Metabolism Research Program, Oklahoma Medical Research Foundation Research Biologist, OKC Veterans Affairs Medical Center Mitochondrial Involvement in Aging Skeletal Muscle Russell Hepple, PhD, Professor Physical Therapy and Muscle Biology, University of Florida		12:15-13:45
13:45-14:00	Break	
<i>Session 4. Hevolution/AFAR New Investigator Awards in Aging Biology and Geroscience Research</i> Epigenetic Mechanisms of Skeletal Muscle Aging (virtual) Payel Sen, PhD, Stadtman Tenure-track Investigator NIH National Institute on Aging Tryptophan Metabolism: A Key Modulator of Functional Decline, Frailty and Aging Reyhan Westbrook, PhD, Assistant Professor Division of Geriatric Medicine and Gerontology, Johns Hopkins University School of Medicine		14:00-14:45
14:45-15:00	Break	
<i>Session 5. Countermeasures</i> XPRIZE Healthspan Innovations Landscape: Global Strategies to Improve Muscle, Cognitive, and Immune Function in Aging Jamie Justice, PhD, Executive Director XPRIZE Healthspan Resistance Training in Older Adults: a Function Promoting Therapy with Robust Treatment Response Heterogeneity Roger Fielding, PhD, Professor Nutrition and Medicine, Tufts University Senior Scientist, Jean Mayer USDA Human Nutrition Research Center on Aging Associate Director, Boston Claude D. Pepper Older Americans Independence Center Elite Human Performance Across the Lifespan Scott Trappe, PhD, Professor and Director Human Performance Laboratory, Ball State University John and Janice Fisher Endowed Chair of Human Bioenergetics		15:00-16:30
16:30-17:00	Wrap-up	

APRIL 11, 2025 - Building 41: Conference Room 2208

0800-10:00	Research Roundtable on Remaining Gaps and Limitations – Charting a Path Forward
10:30	Wrap-up, adjourn and departure