Mayo Clinic Healthy Longevity Medicine: Translating Geroscience into Clinical Practice	
April 8, 2027 to April 10, 2027	
Phoenix, AZ	
Day 1: Thursday, April 8, 2027	
6:50 AM	**Registration, Breakfast and Exhibits**
7:50 AM	Announcements
8:00 AM	**Keynote** **From Geroscience to Geromedicine: Reframing Clinical Care for Healthy Longevity** Evelyne Yehudit Bischof, M.D., Ph.D.
8:45 AM	**Biological Age Clocks: Principles, Validation, Applications, and Current Limitations** Tamir Chandra, Ph.D., M.S.
9:30 AM	**The Hallmarks of Aging: Biological Mechanisms, Interconnections, and Clinical Relevance for Geromedicine** Eduardo N. Chini, M.D., Ph.D.
10:15 AM	**Break**
10:30 AM	**Blood biomarkers and Prevention Strategies for Alzheimer's Disease** Vijay K. Ramanan, M.D., Ph.D.
11:00 AM	**Genetics and Brain Imaging for Alzheimer Risk Assessment and Diagnosis** Mary Ellen Koran, M.D., Ph.D.
11:30 AM	**Cognitive Evaluation in Clinical Settings for Brain Health and Early Detection of Cognitive Decline** Dixie Woolston, Ph.D.
12:00 PM	**Panel Roundtable Q&A Session** Vijay K. Ramanan, M.D., Ph.D.; Mary Ellen Koran, M.D., Ph.D.; and Dixie Woolston, Ph.D.
12:30 PM	**Lunch**
1:30 PM	**Whole-Body MRI for Screening in Healthy Adults: Promise, Controversies, Incidental Findings, and Evidence-based Management** David Karow, M.D.

2:15 PM	**Practical Applications of Genetics/Epigenetics for Healthy Longevity** Robb Rowley, M.D.
3:00 PM	**Healthy Skin Aging: A Longevity Focused Approach** Saranya Wyles, M.D., Ph.D.
3:45 PM	**Break**
4:00 PM	**Optimizing Cardiovascular Healthspan: Risk Assessment and Preventive Strategies** Satyajit Reddy, M.D.
4:45 PM	**Sleep Strategies for Healthy Aging** Mithri Junna, M.D.
5:30 PM	**Adjourn**
Day 2: Friday, April 9, 2027	
6:50 AM	**Registration, Breakfast and Exhibits**
7:50 AM	Announcements
8:00 AM	**Exercise as Medicine and its Role in Healthy Longevity** Chris Ha, D.O.
8:30 AM	**Strength, Power and Healthspan – Assessment in Clinical Settings and Exercise Prescriptions** Robert Scales, Ph.D., M.S.
9:00 AM	**Cardiorespiratory Fitness and Healthy Longevity: VO_2 Peak as a Vital Sign, Prognostic Marker, and Therapeutic Target** Courtney Wheatley-Guy, Ph.D.
9:30 AM	**Panel Roundtable Q&A Session** Chris Ha, D.O.; Robert Scales, Ph.D., M.S.; and Courtney Wheatley-Guy, Ph.D.
10:00 AM	**Break**
10:15 AM	**Optimizing Menopause Care to Support Healthy Longevity** Sara Shihab, M.D.
11:00 AM	**Andropause: The Role of Testosterone in Male Healthspan** Tobias Kohler, M.D., M.P.H.
11:45 AM	**Lunch**

12:45 PM	**Nutrition for Healthy Aging: From Nutrients to Nutrition Patterns** Sara Bonnes, M.D., M.S.
1:30 PM	**Nutritional Supplements and Healthy Longevity** Doina Kulick, M.D.
2:15 PM	**Break**
2:30 PM	**New Ethics Frontiers in Geroscience and Longevity Medicine** Jon Tilburt, M.D.
3:15 PM	**Peptides - Promise and Pitfalls** Ryan Hurt, M.D.
4:00 PM	**Polypharmacy and Pharmacogenomics Applications to Healthy Longevity** Michael Schuh, Pharm.D., R.Ph.
4:45 PM	**Exosome and Stem Cell Therapy - Current Applications and Future Possibilities** Atta Behfar, M.D., Ph.D.
5:30 PM	**Adjourn**
Day 3: Saturday, April 10, 2027	
7:00 AM	**Registration, Breakfast & Exhibits**
8:00 AM	Announcements
8:10 AM	**Repurposed FDA-Approved Drugs as Potential Geroprotectors: Mechanisms, Preclinical Evidence, Human Data, and Translational Challenges** Nir Barzilai, M.D.
8:55 AM	**Senolytics and Senomorphics as Gerotherapeutic Strategies: Biology, Preclinical Evidence, Human Data, and Translational Challenges** James Kirkland, M.D., Ph.D.
9:40 AM	**Cell Reprograming and Gene Editing in Longevity Medicine: Principles, Preclinical Evidence, Human Translation, and Clinical-Ethical Considerations** Jay Schneider, M.D., Ph.D.
10:25 AM	**Break**
10:45 AM	**Intrinsic Capacity as an Endpoint Biomarker for Healthy Longevity Interventions: Opportunities and Challenges** Nathan K. LeBrasseur, Ph.D., M.S.
11:30 AM	**Clinical Research Challenges and Opportunities in Geromedicine: Trial Design, Regulatory Barriers, and Emerging Research Models**

	Sara Espinoza, M.D.
12:15 PM	**Lunch**
1:15 PM	**Plasma-Based Therapies in Geromedicine: From Experimental Biology to Human Evidence** Pamila Brar, M.D.
2:00 PM	**The Longevity Biotech Landscape: Separating Translational Science from Commercial Hype** Karl Pfleger, Ph.D.
2:45 PM	**Round Table Discussion: Current State of Longevity Medicine in Clinical Practice** Moderator: Atul Jain, M.D., M.S. Doina Kulick, M.D.; Sara Bonnes, M.D., M.S.; Pamila Brar, M.D.; Nir Barzilai, M.D.; James Kirkland, M.D., Ph.D.; Sara Espinoza, M.D.; Karl Pfleger, Ph.D.
3:45 PM	**Adjourn**