

THE NIA BIOMARKER NETWORK ANNUAL MEETING

Location: America's Center, Room 232

Date: May 6th, 2026

Time: 9:00 am – 5:00 pm

9:00 – 9:15	Welcome Remarks Announcement of Pilot Recipients and Projects from 2025 – 2026 Round, Webinars and Plans for 2026, Pilot Call for Spring 2026	Crimmins, Faul, Mitchell
9:15 – 9:20	Remarks from NIA	David Braudt
9:20 – 10:20	Epigenetic Measurement and Methods	
15 min + 5 min questions	Epigenetic scores of accelerated pubertal development are associated with aging outcomes among older adults	Qiao Wu
15 min + 5 min questions	A DNA methylation biomarker of Intrinsic Capacity	Karen Sugden
15 min + 5 min questions	FraminghamPACE: A new DNA methylation biomarker of the Pace of Aging	William Marella
10:20 – 10:40	Long Read Sequencing	
15 min + 5 min questions	Long read sequencing enables coordinated multi-scaled data analysis from large population studies: Findings from High School and Beyond and the Health and Retirement Study	Shijia Zhu
10:40 – 10:50	Break	
10:50 – 11:10	Pilot Presentation	
15 min + 5 min questions	Establish the Feasibility of Implementing Personal Wearable Air Quality Monitors with Accelerometry to Examine Associations of Air Pollution and Movement Behaviours with Day-To-Day Cardiovascular Function in Older Adults	Mikaela Bloomberg
11:10 – 12:00	Updates from Network Labs	
50 min	Advanced Research and Diagnostic Laboratory <i>UMinn</i> Kobor Lab <i>University of British Columbia</i> Department of Laboratory Medicine <i>UWash</i> Laboratory for Human Biology Research <i>Northwestern</i> BioSpecimen Lab <i>UMich</i>	Bharat Thyagarajan Hilary Brewis Alan Potter/Jake Cofferen Thom McDade Kaden Kumpelis
12:00 – 1:00	Lunch & Poster Presentations (see page 2)	
1:00 – 1:20	Proteomics	
15 min + 5 min questions	FFCW Olink Inflammation Panel Exploration	Colter Mitchell
1:20 – 2:20	New Measures and Measurement Reliability	
15 min + 5 min questions	Short-Term Reliability of Anthropometric, Cardiovascular, and Biomarker Data in Wave VI of Add Health: An Intra-Individual Variation Sub-Study	Robert Hummer

15 min + 5 min questions	Measurement of intestinal fatty-acid binding protein (I-FABP) and other intestinal barrier function biomarkers in dried blood spots using ELISA	Elizabeth Kim
15 min + 5 min questions	Defining Menopause in Midlife: Measurement Challenges in Population-Based Studies	Brianah McCoy
2:20 – 2:30	Break	
2:30 – 3:30	Biomarkers of Cognitive Function and Decline	
15 min + 5 min questions	A New Frontier in ADRD Research in Low-Income Countries: Using Dried Plasma Spots (DPS) for Dementia Biomarkers in Population-Based Aging Surveys	Iliana Kohler
15 min + 5 min questions	DBS-based Biomarkers of Neurodegeneration predict Cognitive Decline and Dementia Seven Years Ahead in a Large Population-Based Sample	Axel Boersch-Supan
15 min + 5 min questions	The Salivary Microbiome and Cognitive Function	Rob Warren
3:30 – 4:45	Study and Network Updates	
10 min	Center on Biodemography and Population Health (CBPH) Population Study-Lab Partnerships Meeting	Jennifer Ailshire
10 min	Colombian Study of Aging (COSA)	Jennifer Ailshire
10 min	NIH Animal Models for the Social Dimensions of Health and Aging Research Network	Kathie Harris
10 min	The National Couples' Health and Time Stress Biology Study (NCHAT-BIO) - Wave 1 Methodology Report and Wave 3 Preview	Lisa Christian
25 min	News from Studies – no slides, 1 min max	
10 min	Closing Remarks and Discussion	Crimmins, Faul, Mitchell

Poster Presentations

Omar Paccagnella
Methodological Approaches to Biological Age Estimation using Blood Biomarkers: Evidence from SHARE
Katrina Kezios
Pooling Cohorts Across the Life Course to Investigate Early-Life Determinants of Health Outcomes in Later-Life