

UCSD ACTRI  
Center for Population Research and Scientific Methods  
presents a symposium:

## **Harnessing the Power of Large-Scale Proteomics to Advance Population Health Research**

**October 20, 2022 10am-1pm PST**

**To attend the event, register here:**

[https://uhealth.zoom.us/webinar/register/WN\\_eReZKQQaQ4-2\\_8QNSRKWwQ](https://uhealth.zoom.us/webinar/register/WN_eReZKQQaQ4-2_8QNSRKWwQ)

**10:00 am-10:05 am: Opening Remarks**

**10:05am-10:25am: Keynote: “Large-Scale Proteomics in Population Aging Research”**

Speaker: Luigi Ferrucci, MD, PhD, Scientific Director, National Institute on Aging

**10:35am-10:55am: “Large-Scale Proteomics to Advance Understanding of Biological Aging in the Etiology of Healthy Longevity”**

Speaker: Aladdin H. Shadyab, PhD, Assistant Professor, Herbert Wertheim School of Public Health and Human Longevity Science, University of California, San Diego

**11:05am-11:25am: “Accelerating Precision Medicine of Cancer and Delirium with SOMAscan”**

Speaker: Towia Libermann, PhD, Associate Professor of Medicine, Harvard Medical School; Director, Genomics, Proteomics, Bioinformatics, and Systems Biology Center, Beth Israel Deaconess Medical Center

**11:35am-11:55am: “Proteomics in the Atherosclerosis Risk and Communities Cohort Identifies Novel Proteins and Pathways for Dementia Risk”**

Speaker: Keenan Walker, PhD, Director, Multimodal Imaging of Neurodegenerative Disease (MIND) Unit, Laboratory of Behavioral Neuroscience, National Institute on Aging

**12:05pm-12:25pm: “Proteomic Clocks of Aging as Predictors of Age-Related Phenotypes”**

Speaker: Toshiko Tanaka, PhD, Staff Scientist, National Institute on Aging

**12:35pm-12:55pm: “Leveraging Multi-Omics to Identify Novel Genes, Pathways, Molecular Biomarkers, and Drug Targets for Neurodegenerative Diseases”**

Speaker: Carlos Cruchaga, PhD, Barbara Burton and Reuben M. Morriss III Professor of Psychiatry, Washington University School of Medicine in St. Louis

**12:55pm-1:00pm: Closing Remarks**