



**NIH** National Institutes of Health  
Turning Discovery Into Health

# HEALTH AND AGING TRAJECTORIES: SHARED AND COMPETING RISKS AND RESILIENCIES FOR CHRONIC DISEASES ASSOCIATED WITH AGING



VIRTUAL WORKSHOP

Health and Aging Trajectories (HAT)

September 28-29, 2023

## Health and Aging Trajectories: Shared and Competing Risks and Resiliencies for Chronic Diseases Associated with Aging

September 28 and 29, 2023

9:30 am – 5:30 pm (EST)

### Background

The National Institutes of Health (NIH) is organizing a research workshop entitled “*Health and Aging Trajectories: Shared and Competing Risks and Resiliencies for Chronic Diseases Associated with Aging*” on September 28 and 29, 2023. The workshop was developed through a collaboration between staff from the National Heart, Lung, and Blood Institute (NHLBI), the National Cancer Institute (NCI), National Institute of Aging (NIA), National Institute of Neurological Disorders and Stroke (NINDS), and the NIH Division of Program Coordination, Planning, and Strategic Initiatives/Office of Dietary Supplements (DPCPSI/ODS), in coordination with the Trans-NIH Health and Aging Trajectories (HAT) Working Group, and it is hosted by NHLBI. This workshop is hosted by NHLBI.

The workshop will highlight state-of-the-art knowledge from various disciplines seeking to explore together potential shared and competing risks and resiliencies influencing aging processes and major diseases of aging, and essential molecular pathways and processes that may act as switches during lifespan and may be harnessed for disease prevention, interception, and management.

### Workshop Highlights

Welcome and opening remarks by [David C. Goff, M.D., Ph.D.](#) Director of the Division of Cardiovascular Sciences, NHLBI; [Lyn Jakeman, Ph.D.](#) Director of the Division of Neuroscience, NINDS; [Ronald A. Kohanski, Ph.D.](#), Director of the Division of Aging Biology, NIA; and [Philip E. Castle, Ph.D., M.P.H.](#) Director of the Division of Cancer Prevention, NCI.

## **Keynote Speakers**

Luigi Ferrucci, M.D., Ph.D. from NIA will discuss the aging process as an environment for chronic diseases.

Michael Snyder, Ph.D. from Stanford University will provide an overview of molecular patterns of aging in individuals, or “ageotypes”, that may be connected to competing risk in age-associated diseases.

Christoph Kaleta, Ph.D. from Kiel University will explore tradeoffs between degenerative diseases and cancer risk during aging.

## **Session Topics**

- Do we age differently? How the aging process can increase the risk for diseases such as cancer, cardiovascular, and neurodegenerative diseases.
- Molecular and cellular mechanisms of chronic age-related diseases.
- Identifying and managing shared and competing disease risks.
- Quo Vadis: increasing resilience, preventing, and intercepting disease outcomes.

**Event Website:** <https://www.nhlbi.nih.gov/events/2023/health-and-aging-trajectories-shared-and-competing-risks-and-resiliencies-chronic>

**Registration Link:** <https://HAT.eventbrite.com>

**Videocast links:** [Videocast Day 1](#); [Videocast Day 2](#)