Division of Aging Biology

The Division of Aging Biology (DAB) promotes and supports research and training on the molecular, genetic, cellular, and physiological mechanisms underlying aging and age-related changes in humans and other organisms across numerous phyla. The division has three branches — Cell Biology, Aging Physiology, and Translational Research, all of which function under the guidance of the Office of the Division Director. Support is provided for basic, applied, and translational research into mechanisms of aging from cell-autonomous actions, organelle interactions, interorgan communication, and microbiomes. These studies should uncover shared and species-specific features of aging that will lead to better identification and understanding of key biological processes that determine rates and heterogeneity of aging, and how external factors impact rates of aging. There is special emphasis for research on heterogeneity as a biological driver of divergence in health outcomes (health disparities). Geroscience research is supported to examine diverse mechanisms of interventions that impact rates of aging and health outcomes. The DAB also oversees contracts providing select biological resources for aging research.

Read the 2022 National Advisory Council on Aging Review of DAB.

Stay Connected

Get information on DAB research resources, funding opportunities, research highlights, and upcoming webinars and meetings by signing up for our e-mail newsletter .

We are Hiring!

Explore career opportunities with the DAB.

Research Programs and Staff Contacts

Information about DAB programs, and staff contacts for your research.

DAB Notices of Funding Opportunities

See a list of current funding opportunities from DAB.

News & Announcements

News and announcements from the Division of Aging Biology.

Biological Resources for Aging Research

Find biological resources and datasets managed by the Division of Aging Biology

DAB-Supported Small Business Grants

Read about DAB's small business grants for research and development of new ways to further the understanding of the biology of aging.

Nathan Shock Centers

The Nathan Shock Centers provide leadership in the pursuit of basic research into the biology of aging.

Workshops and Reports

Find agendas and reports from past DAB workshops.

Geroscience

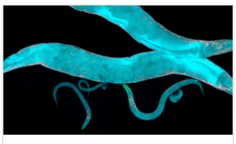
Read about the new field at the intersection between aging and disease.

Common Fund Programs with DAB Participation

Learn more about innovative NIH Common Fund programs related to the biology of aging.

Interventions Testing Program

The ITP provides preliminary data on interventions to promote healthy aging in people.



Caenorhabditis Intervention Testing Program (CITP)

A multi-institutional study of pharmacological interventions to extend lifespan or healthspan in Caenorhabditis.

Dog Aging Project

Read about the NIA-supported Dog Aging Project.

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