

AGING BIOLOGY UPDATE

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**UAB NATHAN SHOCK CENTER OF EXCELLENCE
IN THE BASIC BIOLOGY OF AGING**

Featured

[Challenges in developing healthy aging trials](#)

[Naked mole-rat gene increases healthspan in mice](#)

Contrary or Null Findings

[Neither GDF11 nor GDF8 are linked to heart failure in older adults](#)

Energetics/Nutrition

[Larval diet alters fecundity-longevity relationship and gene expression in female flies](#)

[Cellular allostatic load is linked to increased energy expenditure and accelerated biological aging](#)

Basic Biology

[Heteroplasmic mt DNA single nucleotide variants accumulate with age](#)

[Tubular lysosome induction couples animal starvation to healthy aging in *C. elegans*](#)

[Exposure to youthful circulation extends life and health in mice](#)

[cGAS-STING signaling drives age-related inflammation and neurodegeneration in mice](#)

[Untangling effects of anti-aging drugs and bacterial food on *C. elegans* using liposomes](#)

[Retrotransposons hijack alt-EJ for DNA replication and eccDNA biogenesis](#)

[Increased protein translation associated long-lasting negative impacts on aging in flies](#)

[Senescent cell phenotyping reveals targets of senolytic therapy in the aged murine skeleton](#)

[Earlier age at menopause is associated with shorter leukocyte telomere length and elevated cardiovascular risk](#)

[HIF-1 drives placental aging](#)

[Education as a key factor in longevity](#)

[Multivariate genome-wide analysis of aging-related traits](#)

[Exosomes secreted by mesenchymal stem cells delay brain aging in male accelerated aging mice](#)

[Aging impairs differentiation ability of vascular endothelial stem cells in mice](#)

[Genome-wide analysis identifies novel loci and new drug targets for healthy aging](#)

[Ether lipid biosynthesis promotes extended longevity in worms](#)

[Platelet factors enhance cognition in mice I](#)

[Platelet factors enhance cognition in mice II](#)

[A novel immune modulator controls longevity in flies](#)

Epidemiology/Demography

[Genetic variants on chromosome region 9p21.3 associated with extreme longevity in Ashkenazi](#)

Review: [Does early life adversity have adverse long-term health consequences in long-lived social mammals?](#)

Review: [Do longevity genes work by reducing hypertension?](#)

Clinical

[Improvement in cognition with lifestyle intervention in people with cognitive decline](#)

[Poor balance slows gait and increases energy cost of walking](#)

Review: [Geroscience can contribute to therapeutic strategies for older adults with cardiovascular diseases](#)

Review: [Could dietary restriction reduce periodontal disease?](#)

Review: [Hallmarks of aging in people living with HIV](#)

Comparative Biology/Evolution

[DNA methylation patterns associated with longevity in mammals](#)

[Apolipoprotein-ε4 associated with higher fecundity among the Tsimane people of Bolivia](#)

[Resting heart rate, somatic mutations and aging in mammals](#)

[Evolution of cancer-resisting and autophagy genes associated with long life in mammals](#)

[Universal DNA methylation age across mammalian tissues](#)

[Postreproductive female killer whales provide protection for male offspring](#)

[Preprint: Diet, plasma glucose, longevity and cancer prevalence across vertebrates](#)

Review: [Diverse strategies prevent cancer in large, long-lived mammals](#)

Review: [Thyroid hormones and the evolution of human longevity](#)

Novel Organisms/Ecology

[Female gray seals' reproductive investment positively correlated with longevity](#)

[Epigenetic aging in cows is accelerated by milk production](#)

Emerging Models

[Novel primate model for the study of Alzheimer's disease](#)

Policy/Ethics

[Geroscience and climate science: Oppositional or complementary?](#)

Odd and Ends

[Apartment-dwelling Turkish dogs shorter-lived than those living in single family homes](#)

[Does tourism contribute to healthy aging](#)

Aging Biology Update is brought to you by the UAB Nathan Shock Center and compiled by Kathleen Fischer, Jessica Hoffman, Heather Patterson, and Steven Austad.

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