

AGING BIOLOGY UPDATE

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IN THE BASIC BIOLOGY OF AGING**

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[Women's health research lacks funding](#)

Contrary or Null Findings

[Reduced mitochondrial ribosomal gene *Mrp154* expression does not affect life or healthspan in mice](#)

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[Is it all in the baseline? Chair stand performance and cerebellar volume in older adults](#)

[Maternal history of dementia associated with risk of dementia in humans](#)

[Exercise reduces falls with severe injuries by 41% among older women](#)

[Serious fall risk is associated with low grip strength in older men and obese women](#)

[Human lifetime reproductive success predicts individual genetic contributions better than lifespan after 10 generations](#)

[Trends in deaths from falls among adults aged ≥65 years in the US, 1999-2020](#)

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[mtDNA diversity in birds is significantly correlated to clutch and range size but not longevity](#)

[Does reproduction drive aging?](#)

[Promoter CpG content covaries with lifespan among vertebrates](#)

[A trigonometric model to measure nutritional trade-offs in the nutritional geometry framework](#)

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[Sex differences common in single-cell transcriptomes of adult African turquoise killifish](#)

[Rapid and precise genome engineering in the African turquoise killifish](#)

[Protocol to integrate and analyze multi-level environmental data on canine comorbidity and aging](#)

Novel Organisms/Comparative

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[Bat fitness: positive selection and duplication of bat TRIM family proteins](#)

[Protein enrichment increases lifespan but not fecundity in the social insect *Cryptotermes secundus*](#)

[Temperature-independent telomere lengthening with age in a long-lived ectotherm, \(*Proteus anguinus*\).](#)

[Early-life adversity does not affect adult longevity in wild mountain gorillas](#)

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[Female reproductive fluids 'rescue' sperm from phenotypic ageing in the Mediterranean mussel \(*Mytilus galloprovincialis*\)](#)

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[Non-White scientists appear on fewer editorial boards, spend more time under review, and receive fewer citations](#)

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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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