

AGING BIOLOGY UPDATE

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

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[The first rigorous test of a pharmacologic intervention against biological aging with lifespan and healthspan metrics outside the laboratory](#)

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[FGF21 paracrine action delays thymic aging in mice](#)

[Neuron-specific isoform of PGC-1 \$\alpha\$ regulates neuronal metabolism and brain aging](#)

[Ectodysplasin-A2-receptor EDA2R: a ubiquitous hallmark of aging?](#)

[Endothelial glycocalyx dysregulation impairs blood-brain barrier in aging and disease](#)

[Age-related decline in chaperone-mediated autophagy is sex- and cell-specific](#)

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[Human-specific noncoding RNA RP11-424G14.1 and sexually dimorphic pathways in inflammation, senescence, and metabolism](#)

[Analytical algorithm characterizes cell-type-specific in vivo cellular senescence](#)

[Long-term treatment with soluble klotho increases life- and healthspan in mice](#)

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[These results challenge the common view that longevity is invariably associated with](#)

[low cholesterol levels](#)

[Elderly vulnerability to temperature-related mortality risks in China](#)

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[Metabolite screening of termite trophallactic fluid for anti-aging substances](#)

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Headline: [Scientists identify 'inflammation' gene that hastens aging](#)

Study: [Increased ectodysplasin-A2-receptor EDA2R is a ubiquitous hallmark of aging and mediates parainflammatory responses](#)

Announcements

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Aging Biology Update is brought to you by the UAB Nathan Shock Center and compiled by Kathleen Fischer and Steven Austad. [Subscribe to this newsletter.](#)



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