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1 **Molecular hydrogen increases resilience to stress in mice.**

Gao Q, Song H, Wang XT, Liang Y, Xi YJ, Gao Y, Guo QJ, LeBaron T, Luo YX, Li SC, Yin X, Shi HS, Ma YX.

Sci Rep. 2017 Aug 29;7(1):9625. doi: 10.1038/s41598-017-10362-6.

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2 **Advanced age protects resistance arteries of mouse skeletal muscle from oxidative stress through attenuating apoptosis induced by hydrogen peroxide.**

Norton CE, Sinkler SY, Jacobsen NL, Segal SS.

J Physiol. 2019 Aug;597(15):3801-3816. doi: 10.1113/JP278255. Epub 2019 Jul 2.

PMID: 31124136 [Free PMC article](#).

3 **Female sex and Western-style diet protect mouse resistance arteries during acute oxidative stress.**

Norton CE, Jacobsen NL, Sinkler SY, Manrique-Acevedo C, Segal SS.

Am J Physiol Cell Physiol. 2020 Mar 1;318(3):C627-C639. doi: 10.1152/ajpcell.00342.2019. Epub 2019 Dec 31.

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4 **Switching of Redox Signaling by Prdx6 Expression Decides Cellular Fate by Hormetic Phenomena Involving Nrf2 and Reactive Oxygen Species.**

Chhunchha B, Kubo E, Singh DP.

Cells. 2022 Apr 8;11(8):1266. doi: 10.3390/cells11081266.

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5 **Weak Hydrogen Bonds Lead to Self-Healable and Bioadhesive Hybrid Polymeric Hydrogels with Mineralization-Active Functions.**

Teng L, Chen Y, Jin M, Jia Y, Wang Y, Ren L.

Biomacromolecules. 2018 Jun 11;19(6):1939-1949. doi: 10.1021/acs.biomac.7b01688. Epub 2018 Feb 5.

PMID: 29360351

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