

Vitamin B ₃ modulates mitochondrial vulnerability in aged mice

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Relief for retinal neurons under pressure. <i>Science</i> , 2017, 355, 688-689.	6.0	3
2	Mitochondrial dysfunction in ocular disease: Focus on glaucoma. <i>Mitochondrion</i> , 2017, 35, 44-53.	1.6	71
4	Eyeing the Fountain of Youth. <i>Cell Stem Cell</i> , 2017, 20, 583-584.	5.2	2
5	Nicking Glaucoma with Nicotinamide?. <i>New England Journal of Medicine</i> , 2017, 376, 2079-2081.	13.9	16
6	Vitamin B3 blocks glaucoma. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 240-240.	21.5	0
7	â€˜SNOâ€™-Storms Compromise Protein Activity and Mitochondrial Metabolism in Neurodegenerative Disorders. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 879-892.	3.1	49
8	Glaucoma as a Metabolic Optic Neuropathy: Making the Case for Nicotinamide Treatment in Glaucoma. <i>Journal of Glaucoma</i> , 2017, 26, 1161-1168.	0.8	70
9	Mitochondrial dynamics, transport, and quality control: A bottleneck for retinal ganglion cell viability in optic neuropathies. <i>Mitochondrion</i> , 2017, 36, 186-192.	1.6	97
10	Modulating NAD^+ metabolism, from bench to bedside. <i>EMBO Journal</i> , 2017, 36, 2670-2683.	3.5	174
11	Meat Intake and the Dose of Vitamin B ₃ â€“ Nicotinamide: Cause of the Causes of Disease Transitions, Health Divides, and Health Futures?. <i>International Journal of Tryptophan Research</i> , 2017, 10, 117864691770466.	1.0	17
12	Ageing mechanisms and intervention targets. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 3-8.	0.9	5
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17	Targeted Delivery of Mitochondrial Calcium Channel Regulators: The Future of Glaucoma Treatment?. <i>Frontiers in Neuroscience</i> , 2017, 11, 648.	1.4	6
18	The Pharmacology of CD38/NADase: An Emerging Target in Cancer and Diseases of Aging. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 424-436.	4.0	163
19	NMNAT1 E257K variant, associated with Leber Congenital Amaurosis (LCA9), causes a mild retinal degeneration phenotype. <i>Experimental Eye Research</i> , 2018, 173, 32-43.	1.2	20

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21	Micro RNA-1298 opposes the effects of chronic oxidative stress on human trabecular meshwork cells via targeting on EIF4E3. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 349-357.	2.5	12
22	The AMPK-PGC-1 β signaling axis regulates the astrocyte glutathione system to protect against oxidative and metabolic injury. <i>Neurobiology of Disease</i> , 2018, 113, 59-69.	2.1	51
23	Nicotinamide treatment robustly protects from inherited mouse glaucoma. <i>Communicative and Integrative Biology</i> , 2018, 11, e1356956.	0.6	55
24	A functional link between NAD ⁺ homeostasis and N-terminal protein acetylation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 2927-2938.	1.6	18
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28	Retinal Neuroprotection: Overcoming the Translational Roadblocks. <i>American Journal of Ophthalmology</i> , 2018, 192, xv-xxii.	1.7	12
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40	NAD ⁺ repletion produces no therapeutic effect in mice with respiratory chain complex III deficiency and chronic energy deprivation. <i>FASEB Journal</i> , 2018, 32, 5913-5926.	0.2	18
41	Reduced Functional and Anatomic Interhemispheric Homotopic Connectivity in Primary Open-Angle Glaucoma: A Combined Resting State-fMRI and DTI Study. , 2018, 59, 1861.		17
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54	NAD ⁺ and sirtuins in retinal degenerative diseases: A look at future therapies. <i>Progress in Retinal and Eye Research</i> , 2018, 67, 118-129.	7.3	24
55	Niacin. <i>Advances in Food and Nutrition Research</i> , 2018, 83, 83-149.	1.5	64

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57	A multiethnic genome-wide association study of primary open-angle glaucoma identifies novel risk loci. <i>Nature Communications</i> , 2018, 9, 2278.	5.8	124
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88	Adaptation of retinal ganglion cell function during flickering light in the mouse. <i>Scientific Reports</i> , 2019, 9, 18396.	1.6	10
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134	Ocular hypertension suppresses homeostatic gene expression in optic nerve head microglia of DBA/2 ^o mice. <i>Molecular Brain</i> , 2020, 13, 81.	1.3	31
135	Gene Dereglulation and Underlying Mechanisms in Spinocerebellar Ataxias With Polyglutamine Expansion. <i>Frontiers in Neuroscience</i> , 2020, 14, 571.	1.4	18
136	Systems Genetics of Optic Nerve Axon Necrosis During Glaucoma. <i>Frontiers in Genetics</i> , 2020, 11, 31.	1.1	8
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146	Acute sources of mitochondrial NAD ⁺ during respiratory chain dysfunction. <i>Experimental Neurology</i> , 2020, 327, 113218.	2.0	22

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155	Retinal energy metabolism in health and glaucoma. <i>Progress in Retinal and Eye Research</i> , 2021, 81, 100881.	7.3	52
156	Extraocular, periocular, and intraocular routes for sustained drug delivery for glaucoma. <i>Progress in Retinal and Eye Research</i> , 2021, 82, 100901.	7.3	51
157	Protective Effects of Nicotinamide Riboside on H ₂ O ₂ -induced Oxidative Damage in Lens Epithelial Cells. <i>Current Eye Research</i> , 2021, 46, 961-970.	0.7	6
158	Implications of NAD metabolism in pathophysiology and therapeutics for neurodegenerative diseases. <i>Nutritional Neuroscience</i> , 2021, 24, 371-383.	1.5	42
159	A plasma metabolomic signature of Leber hereditary optic neuropathy showing taurine and nicotinamide deficiencies. <i>Human Molecular Genetics</i> , 2021, 30, 21-29.	1.4	14
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