

# Mitogenic Responses of Vascular Smooth Muscle Cells to Aldehyde 4-Hydroxy-trans-2-nonenal (HNE)

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Therapeutic resistance in lung cancer. Expert Opinion on Drug Metabolism and Toxicology, 2006, 2, 753-777.	1.5	30
2	Mitogenic and drug-resistance mediating effects of PKC $\delta$ require RLIP76. Biochemical and Biophysical Research Communications, 2006, 348, 722-727.	1.0	19
3	Mediation of aldose reductase in lipopolysaccharide-induced inflammatory signals in mouse peritoneal macrophages. Cytokine, 2006, 36, 115-122.	1.4	65
4	Proteomic analysis of phosphorylation, oxidation and nitrosylation in signal transduction. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 1823-1841.	1.1	78
5	Inhibition of Aldose Reductase Prevents Lipopolysaccharide-Induced Inflammatory Response in Human Lens Epithelial Cells. , 2006, 47, 5395.		43
6	Aldose Reductase Mediates the Lipopolysaccharide-induced Release of Inflammatory Mediators in RAW264.7 Murine Macrophages. Journal of Biological Chemistry, 2006, 281, 33019-33029.	1.6	136
7	Aldose Reductase Regulates Growth Factor-Induced Cyclooxygenase-2 Expression and Prostaglandin E2 Production in Human Colon Cancer Cells. Cancer Research, 2006, 66, 9705-9713.	0.4	113
8	Role of 4-hydroxynonenal and its metabolites in signaling. Redox Report, 2007, 12, 4-10.	1.4	90
9	Regression of Lung and Colon Cancer Xenografts by Depleting or Inhibiting RLIP76 (Ral-Binding Protein) Tj ETQq0 0.0 rgBT /Overlock 10	0.4	97
10	Cytochromes P450 catalyze oxidation of $\alpha,\beta$ -unsaturated aldehydes. Archives of Biochemistry and Biophysics, 2007, 464, 187-196.	1.4	29
11	Aldose reductase regulates TNF $\alpha$ -induced PGE2 production in human colon cancer cells. Cancer Letters, 2007, 252, 299-306.	3.2	59
12	Aldehydemetabolism in the cardiovascular system. Molecular BioSystems, 2007, 3, 136-150.	2.9	63
13	RALBP1/RLIP76 mediates multidrug resistance. International Journal of Oncology, 2007, , .	1.4	16
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17	4-Hydroxynonenal: A membrane lipid oxidation product of medicinal interest. Medicinal Research Reviews, 2008, 28, 569-631.	5.0	376
18	Self-regulatory role of 4-hydroxynonenal in signaling for stress-induced programmed cell death. Free Radical Biology and Medicine, 2008, 45, 111-118.	1.3	96

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20	Alterations in mitochondrial respiratory functions, redox metabolism and apoptosis by oxidant 4-hydroxynonenal and antioxidants curcumin and melatonin in PC12 cells. <i>Toxicology and Applied Pharmacology</i> , 2008, 226, 161-168.	1.3	109
21	Glutathione level regulates HNE-induced genotoxicity in human erythroleukemia cells. <i>Toxicology and Applied Pharmacology</i> , 2008, 227, 257-264.	1.3	54
22	The Aldo-Keto Reductase Superfamily and its Role in Drug Metabolism and Detoxification. <i>Drug Metabolism Reviews</i> , 2008, 40, 553-624.	1.5	419
23	The Stereochemical Course of 4-Hydroxy-2-nonenal Metabolism by Glutathione S-Transferases. <i>Journal of Biological Chemistry</i> , 2008, 283, 16702-16710.	1.6	35
24	Autoantibodies to the C-terminal subunit of RLIP76 induce oxidative stress and endothelial cell apoptosis in immune-mediated vascular diseases and atherosclerosis. <i>Blood</i> , 2008, 111, 4559-4570.	0.6	71
25	Inhibition of Aldose Reductase Prevents Experimental Allergic Airway Inflammation in Mice. <i>PLoS ONE</i> , 2009, 4, e6535.	1.1	51
26	Aldose Reductase Protects Against Early Atherosclerotic Lesion Formation in Apolipoprotein E-Null Mice. <i>Circulation Research</i> , 2009, 105, 793-802.	2.0	66
27	Genotoxic Effects of Carotenoid Breakdown Products in Human Retinal Pigment Epithelial Cells. <i>Current Eye Research</i> , 2009, 34, 737-747.	0.7	23
28	Aldose reductase deficiency in mice prevents azoxymethane-induced colonic preneoplastic aberrant crypt foci formation. <i>Carcinogenesis</i> , 2009, 30, 799-807.	1.3	44
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31	Resolvin D1 controls inflammation initiated by glutathione-lipid conjugates formed during oxidative stress. <i>British Journal of Pharmacology</i> , 2009, 158, 1062-1073.	2.7	79
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38	Inhibition of Aldose Reductase Prevents Growth Factor-Induced G1-S Phase Transition through the AKT/Phosphoinositide 3-Kinase/E2F-1 Pathway in Human Colon Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 813-824.	1.9	50
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52	Aldose reductase inhibition suppresses oxidative stress-induced inflammatory disorders. <i>Chemico-Biological Interactions</i> , 2011, 191, 330-338.	1.7	144
53	Biological activity of aldose reductase and lipophilicity of pyrrolyl-acetic acid derivatives. <i>Indian Journal of Physics</i> , 2011, 85, 1803-1809.	0.9	1
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63	Emerging avenues linking inflammation and cancer. <i>Free Radical Biology and Medicine</i> , 2012, 52, 2013-2037.	1.3	218
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