

# Animal models of atherosclerosis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Practical assessment of the quantification of atherosclerotic lesions in apoE <sup>-/-</sup> mice. <i>Molecular Medicine Reports</i> , 2015, 12, 5298-5306.	1.1	29
2	The effect of diet and host genotype on ceca microbiota of Japanese quail fed a cholesterol enriched diet. <i>Frontiers in Microbiology</i> , 2015, 6, 1092.	1.5	20
3	Animal Models in Cardiovascular Research: Hypertension and Atherosclerosis. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	135
4	Lack of an association between matrix metalloproteinase polymorphisms and coronary heart disease in a Han Chinese population. <i>Genetics and Molecular Research</i> , 2015, 14, 12254-12261.	0.3	2
5	The toxicity of dietary trans fats. <i>Food and Chemical Toxicology</i> , 2015, 78, 170-176.	1.8	61
6	Role of Nrf2 in the pathogenesis of atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2015, 88, 221-232.	1.3	116
7	Increased atherosclerosis in P2Y13/apolipoprotein E double-knockout mice: contribution of P2Y13 to reverse cholesterol transport. <i>Cardiovascular Research</i> , 2015, 106, 314-323.	1.8	26
8	Telomeres, Atherosclerosis, and Human Longevity. <i>Epidemiology</i> , 2015, 26, 295-299.	1.2	54
9	Impact of high-fat diet and voluntary running on body weight and endothelial function in LDL receptor knockout mice. <i>Atherosclerosis Supplements</i> , 2015, 18, 59-66.	1.2	13
10	Soluble endoglin, hypercholesterolemia and endothelial dysfunction. <i>Atherosclerosis</i> , 2015, 243, 383-388.	0.4	47
11	Systems Medicine as an Emerging Tool for Cardiovascular Genetics. <i>Frontiers in Cardiovascular Medicine</i> , 2016, 3, 27.	1.1	8
13	Pre-treatment with simvastatin prevents the induction of diet-induced atherosclerosis in a rabbit model. <i>Biomedical Reports</i> , 2016, 5, 667-674.	0.9	9
14	HDL functionality in reverse cholesterol transport – Challenges in translating data emerging from mouse models to human disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 566-583.	1.2	73
15	Large animal models of cardiovascular disease. <i>Cell Biochemistry and Function</i> , 2016, 34, 113-132.	1.4	105
16	Longitudinal imaging of the ageing mouse. <i>Mechanisms of Ageing and Development</i> , 2016, 160, 93-116.	2.2	47
17	Genome editing revolutionize the creation of genetically modified pigs for modeling human diseases. <i>Human Genetics</i> , 2016, 135, 1093-1105.	1.8	41
18	Artesunate attenuated progression of atherosclerosis lesion formation alone or combined with rosuvastatin through inhibition of pro-inflammatory cytokines and pro-inflammatory chemokines. <i>Phytomedicine</i> , 2016, 23, 1259-1266.	2.3	60
19	Murine models of cardiovascular comorbidity in chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L1011-L1027.	1.3	6

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20	A focus on inflammation as a major risk factor for atherosclerotic cardiovascular diseases. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 391-403.	0.6	26
21	Translational atherosclerosis research: From experimental models to coronary artery disease in humans. <i>Atherosclerosis</i> , 2016, 248, 110-116.	0.4	16
22	A low-carbohydrate high-fat diet increases weight gain and does not improve glucose tolerance, insulin secretion or $\beta$ -cell mass in NZO mice. <i>Nutrition and Diabetes</i> , 2016, 6, e194-e194.	1.5	46
23	Gradual Carotid Artery Stenosis in Mice Closely Replicates Hypoperfusive Vascular Dementia in Humans. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	50
24	Anti-atherosclerotic effects of garlic preparation in freeze injury model of atherosclerosis in cholesterol-fed rabbits. <i>Phytomedicine</i> , 2016, 23, 1235-1239.	2.3	23
25	Animal models of atherosclerosis. <i>European Journal of Pharmacology</i> , 2017, 816, 3-13.	1.7	385
26	Dihydromyricetin ameliorates atherosclerosis in LDL receptor deficient mice. <i>Atherosclerosis</i> , 2017, 262, 39-50.	0.4	82
27	Cytotoxic lymphocytes and atherosclerosis: significance, mechanisms and therapeutic challenges. <i>British Journal of Pharmacology</i> , 2017, 174, 3956-3972.	2.7	37
28	Synergistic Cardioprotective Effects of Combined Chromium Picolinate and Atorvastatin Treatment in Triton X-100-Induced Hyperlipidemia in Rats: Impact on Some Biochemical Markers. <i>Biological Trace Element Research</i> , 2017, 180, 255-264.	1.9	13
29	Chronic administration of the soluble, nonbacterial fraction of kefir attenuates lipid deposition in LDLr $\alpha^{\alpha}$ mice. <i>Nutrition</i> , 2017, 35, 100-105.	1.1	31
30	The Rabbit Model of Accelerated Atherosclerosis: A Methodological Perspective of the Iliac Artery Balloon Injury. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	8
31	Upregulation of microRNA-876 Induces Endothelial Cell Apoptosis by Suppressing Bcl-Xl in Development of Atherosclerosis. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1540-1549.	1.1	21
32	Steryl ester synthesis, storage and hydrolysis: A contribution to sterol homeostasis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 1534-1545.	1.2	50
33	InÂvivo imaging of murine vasodynamics analyzing different mouse strains by optical coherence tomography. <i>Atherosclerosis Supplements</i> , 2017, 30, 311-318.	1.2	1
34	CD80 Is Upregulated in a Mouse Model with Shear Stress-Induced Atherosclerosis and Allows for Evaluating CD80-Targeting PET Tracers. <i>Molecular Imaging and Biology</i> , 2017, 19, 90-99.	1.3	19
35	Protective effect of exercise and alpha tocopherol on atherosclerosis promotion in hypercholesterolemic domestic rabbits. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
36	Cervical Rotatory Manipulation Decreases Uniaxial Tensile Properties of Rabbit Atherosclerotic Internal Carotid Artery. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-11.	0.5	5
37	Heart rate lowering treatment leads to a reduction in vulnerable plaque features in atherosclerotic rabbits. <i>PLoS ONE</i> , 2017, 12, e0179024.	1.1	8

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38	The potential atheroprotective role of plant MIR156a as a repressor of monocyte recruitment on inflamed human endothelial cells. <i>Journal of Nutritional Biochemistry</i> , 2018, 57, 197-205.	1.9	74
39	Systematic identification of rabbit LncRNAs reveals functional roles in atherosclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2266-2273.	1.8	2
40	<i>Mangifera indica</i> L. extract (Vimang <sup>®</sup> ) reduces plasma and liver cholesterol and leucocyte oxidative stress in hypercholesterolemic LDL receptor deficient mice. <i>Cell Biology International</i> , 2018, 42, 747-753.	1.4	4
41	Thrombosis-on-a-chip: Prospective impact of microphysiological models of vascular thrombosis. <i>Current Opinion in Biomedical Engineering</i> , 2018, 5, 29-34.	1.8	31
42	<i>Salvia miltiorrhiza</i> Burge (Danshen): a golden herbal medicine in cardiovascular therapeutics. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 802-824.	2.8	295
43	Expression and purification of biologically active recombinant rabbit monocyte chemoattractant protein1 in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	4
44	Study of a seventeenth-century French artificial mummy: autopsical, native, and contrast-injected CT investigations. <i>International Journal of Legal Medicine</i> , 2018, 132, 1405-1413.	1.2	7
45	Air pollution is associated with the development of atherosclerosis via the cooperation of CD36 and NLRP3 inflammasome in ApoE <sup>-/-</sup> mice. <i>Toxicology Letters</i> , 2018, 290, 123-132.	0.4	74
46	Correlation of trans fatty acids with the severity of coronary artery disease lesions. <i>Lipids in Health and Disease</i> , 2018, 17, 52.	1.2	44
47	Delivery of viral vectors for gene therapy in intimal hyperplasia and restenosis in atherosclerotic swine. <i>Drug Delivery and Translational Research</i> , 2018, 8, 918-927.	3.0	13
48	The sphingosine 1-phosphate receptor modulator fingolimod as a therapeutic agent: Recent findings and new perspectives. , 2018, 185, 34-49.		165
49	Animal Model - Investigation of Laser Speckle Flowgraphy for Early Carotid Artery Stenosis Detection. , 2018, , .		1
50	TÎ24 Increases Neovascularization and Cardiac Function in Chronic Myocardial Ischemia of Normo- and Hypercholesterolemic Pigs. <i>Molecular Therapy</i> , 2018, 26, 1706-1714.	3.7	11
51	<i>Chlamydia pneumoniae</i> Infection Exacerbates Atherosclerosis in ApoB100only/LDLR <sup>+/+</sup> Mouse Strain. <i>BioMed Research International</i> , 2018, 2018, 1-12.	0.9	6
52	Comparative transcriptomics reveals specific responding genes associated with atherosclerosis in rabbit and mouse models. <i>PLoS ONE</i> , 2018, 13, e0201618.	1.1	3
53	Phenotypical heterogeneity in responder and nonresponder male ApoE*3Leiden.CETP mice. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G602-G617.	1.6	10
54	Perilipin 5 deficiency promotes atherosclerosis progression through accelerating inflammation, apoptosis, and oxidative stress. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19107-19123.	1.2	17
55	COPD: preclinical models and emerging therapeutic targets. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 829-838.	1.5	5

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56	Gremlin-1 potentiates the dedifferentiation of VSMC in early stages of atherosclerosis. <i>Differentiation</i> , 2019, 109, 28-33.	1.0	13
57	Elevated expression of the metalloproteinase ADAM8 associates with vascular diseases in mice and humans. <i>Atherosclerosis</i> , 2019, 286, 163-171.	0.4	15
58	MiR-590 Inhibits Endothelial Cell Apoptosis by Inactivating the TLR4/NF- $\kappa$ B Pathway in Atherosclerosis. <i>Yonsei Medical Journal</i> , 2019, 60, 298.	0.9	35
59	Capsaicin is beneficial to hyperlipidemia, oxidative stress, endothelial dysfunction, and atherosclerosis in Guinea pigs fed on a high-fat diet. <i>Chemico-Biological Interactions</i> , 2019, 297, 1-7.	1.7	34
60	Oxydative stress markers and cytokine levels in rosuvastatin-medicated hypercholesterolemia patients. <i>Turkish Journal of Biochemistry</i> , 2019, 44, 530-538.	0.3	0
61	Insulin resistance is improved in high-fat fed mice by photobiomodulation therapy at 630nm. <i>Journal of Biophotonics</i> , 2020, 13, e201960140.	1.1	21
62	In Vivo AAV-CRISPR/Cas9-Mediated Gene Editing Ameliorates Atherosclerosis in Familial Hypercholesterolemia. <i>Circulation</i> , 2020, 141, 67-79.	1.6	124
63	A mouse model of humanized liver shows a human-like lipid profile, but does not form atherosclerotic plaque after western type diet. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 510-515.	1.0	9
64	Evaluation of Toxicity and Antihyperlipidemic Activity of Spondias Mombin L. Leaves Methanolic Extract in Laboratory Rats. <i>Cardiovascular &amp; Hematological Disorders Drug Targets</i> , 2021, 20, 289-296.	0.2	2
65	Marine Alkaloids: Compounds with In Vivo Activity and Chemical Synthesis. <i>Marine Drugs</i> , 2021, 19, 374.	2.2	14
66	The potential effect of the green coffee extract on reducing atherogenic index in hyperlipidemic rats. <i>Pharmacy Education</i> , 2021, 21, 126-131.	0.2	2
67	Time-restricted feeding prevents high-fat and high-cholesterol diet-induced obesity but fails to ameliorate atherosclerosis in apolipoprotein E-knockout mice. <i>Experimental Animals</i> , 2021, 70, 194-202.	0.7	9
68	Animal models of human atherosclerosis: current progress. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e9557.	0.7	18
69	NLRP3 activation in endothelia promotes development of diabetes-associated atherosclerosis. <i>Aging</i> , 2020, 12, 18181-18191.	1.4	13
70	Display of human and rabbit monocyte chemoattractant protein-1 on human embryonic kidney 293T cell surface. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 430.	0.6	4
71	Cuff-Induced Neointimal Formation in Mouse Models. , 2016, , 21-41.		0
72	Evidence that Low Density Lipoprotein Is the Primary Cause of Atherosclerotic Cardiovascular Disease: A Bradford-Hill Approach. <i>World Journal of Cardiovascular Diseases</i> , 2017, 07, 271-284.	0.0	1
73	Clonal hematopoiesis of indeterminate potential and the evolutionary lottery in chromosome 2: does that make human atherosclerosis special?. <i>Current Opinion in Lipidology</i> , 2021, 32, 389-391.	1.2	0

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74	ARTICLE RETRACTED: THE ALCOHOL CHOLESTEROL, ITS BIOLOGICAL ROLE DURING PHYLOGENESIS, MECHANISMS OF STEROL PRODUCTION BY STATINS, PHARMACOGENOMIC FACTORS AND DIAGNOSTIC VALIDITY OF LOW DENSITY LIPOPROTEIN CHOLESTEROL. Eurasian Heart Journal, 2016, , 56-66.	0.2	0
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76	Dietary titanium dioxide particles (E171) promote diet-induced atherosclerosis through reprogramming gut microbiota-mediated choline metabolism in APOE <sup>-/-</sup> mice. Journal of Hazardous Materials, 2022, 436, 129179.	6.5	3
77	Whey protein hydrolysate alleviated atherosclerosis and hepatic steatosis by regulating lipid metabolism in apoE <sup>-/-</sup> mice fed a Western diet. Food Research International, 2022, 157, 111419.	2.9	6
78	Lipid profile, apolipoproteins A <sup>1</sup> and B in owl monkeys ( <i>Aotus infulatus</i> ) in captivity. Journal of Medical Primatology, 0, , .	0.3	0
79	Effects of atherogenic diet supplemented with fermentable carbohydrates on metabolic responses and plaque formation in coronary arteries using a Saddleback pig model. PLoS ONE, 2022, 17, e0275214.	1.1	0
80	Inflammation, Atherosclerosis, and Psychological Factors. , 2022, , 833-860.		0
81	Histological and Microscopic Analysis of Fats in Heart, Liver Tissue, and Blood Parameters in Experimental Mice. Genes, 2023, 14, 515.	1.0	0
82	Novel Hypocholesterolemic Peptides Derived from Silver Carp Muscle: The Modulatory Effects on Enterohepatic Cholesterol Metabolism <i>In Vitro</i> and <i>In Vivo</i> . Journal of Agricultural and Food Chemistry, 2023, 71, 5565-5575.	2.4	1