

The Role of TLR2, TLR4, and TLR9 in the Pathogenesis of

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Prevention of TLR9 Pathway in Warm Ischemia in Porcine Donor Liver after Cardiac Death. Cellular Physiology and Biochemistry, 2017, 41, 1547-1554.	1.1	3
2	Preeclampsia and coronary plaque erosion: Manifestations of endothelial dysfunction resulting in cardiovascular events in women. European Journal of Pharmacology, 2017, 816, 129-137.	1.7	29
3	Oxidized Low-Density Lipoprotein Loading of Macrophages Downregulates TLR-Induced Proinflammatory Responses in a Gene-Specific and Temporal Manner through Transcriptional Control. Journal of Immunology, 2017, 199, 2149-2157.	0.4	40
4	Effects of Olive Oil Phenolic Compounds on Inflammation in the Prevention and Treatment of Coronary Artery Disease. Nutrients, 2017, 9, 1087.	1.7	77
5	Hypaphorine Attenuates Lipopolysaccharide-Induced Endothelial Inflammation via Regulation of TLR4 and PPAR- β Dependent on PI3K/Akt/mTOR Signal Pathway. International Journal of Molecular Sciences, 2017, 18, 844.	1.8	61
6	DFMG reverses proliferation and migration of vascular smooth muscle cells induced by co-culture with injured vascular endothelial cells via suppression of the TLR4-mediated signaling pathway. Molecular Medicine Reports, 2018, 17, 5692-5699.	1.1	9
7	The role of adiponectin and adipolin as anti-inflammatory adipokines in the formation of macrophage foam cells and their association with cardiovascular diseases. Clinical Biochemistry, 2018, 54, 1-10.	0.8	25
8	Curcumin Protects against Atherosclerosis in Apolipoprotein E-Knockout Mice by Inhibiting Toll-like Receptor 4 Expression. Journal of Agricultural and Food Chemistry, 2018, 66, 449-456.	2.4	70
9	Vasculoprotective Role of Olive Oil Compounds via Modulation of Oxidative Stress in Atherosclerosis. Frontiers in Cardiovascular Medicine, 2018, 5, 188.	1.1	35
10	Decabromodiphenyl ether (BDE-209) enhances foam cell formation in human macrophages via augmenting Toll-like receptor 4-dependent lipid uptake. Food and Chemical Toxicology, 2018, 121, 367-373.	1.8	18
11	The Pivotal Role of Thymus in Atherosclerosis Mediated by Immune and Inflammatory Response. International Journal of Medical Sciences, 2018, 15, 1555-1563.	1.1	15
12	Impaired innate immune signaling due to combined Toll-like receptor 2 and 4 deficiency affects both periodontitis and atherosclerosis in response to polybacterial infection.. Pathogens and Disease, 2018, 76, .	0.8	17
13	Differences in heme and hemopexin content in lipoproteins from patients with sickle cell disease. Journal of Clinical Lipidology, 2018, 12, 1532-1538.	0.6	14
14	MÃ©canismes d'Ã©rosion superficielle des plaques d'athÃ©rosclÃ©rose. Archives Des Maladies Du Coeur Et Des Vaisseaux - Pratique, 2018, 2018, 22-26.	0.0	0
15	Interleukin-1 Beta: A Friend or Foe in Malignancies?. International Journal of Molecular Sciences, 2018, 19, 2155.	1.8	268
16	TLR4 mediates high-fat diet induced physiological changes in mice via attenuating PPAR β /ABCG1 signaling pathway. Biochemical and Biophysical Research Communications, 2018, 503, 1356-1363.	1.0	10
17	MiR-181a inhibits vascular inflammation induced by oxLDL via targeting TLR4 in human macrophages. Journal of Cellular Physiology, 2018, 233, 6996-7003.	2.0	31
18	ERV1/ChemR23 Signaling Protects Against Atherosclerosis by Modifying Oxidized Low-Density Lipoprotein Uptake and Phagocytosis in Macrophages. Circulation, 2018, 138, 1693-1705.	1.6	106

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19	Proatherogenic activation of A7r5 cells induced by the oxLDL/ β 2GPI/anti β 2GPI complex. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1955-1966.	1.8	7
20	Correlations between gene expression highlight a different activation of ACE/TLR4/PTGS2 signaling in symptomatic and asymptomatic plaques in atherosclerotic patients. <i>Molecular Biology Reports</i> , 2018, 45, 657-662.	1.0	3
21	Pathogenesis of Important Virulence Factors of <i>Porphyromonas gingivalis</i> via Toll-Like Receptors. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 262.	1.8	158
22	Ambient fine particulate matter induces inflammatory responses of vascular endothelial cells through activating TLR-mediated pathway. <i>Toxicology and Industrial Health</i> , 2019, 35, 670-678.	0.6	23
23	Protective effect of rivaroxaban on arteriosclerosis obliterans in rats through modulation of the toll-like receptor 4/NF κ B signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 1619-1626.	0.8	8
24	Oscillatory Shear Stress Induces Oxidative Stress via TLR4 Activation in Endothelial Cells. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	1.4	26
25	Carbon monoxide releasing molecule-2 protects against particulate matter-induced lung inflammation by inhibiting TLR2 and 4/ROS/NLRP3 inflammasome activation. <i>Molecular Immunology</i> , 2019, 112, 163-174.	1.0	28
26	Macrophages and T cells in atherosclerosis: a translational perspective. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H375-H386.	1.5	39
27	Toll-Like Receptor 9 Plays a Pivotal Role in Angiotensin II-Induced Atherosclerosis. <i>Journal of the American Heart Association</i> , 2019, 8, e010860.	1.6	49
28	Bicuspid aortic valve, atherosclerosis and changes of lipid metabolism: Are there pathological molecular links?. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 231-235.	0.9	10
29	RFX1 downregulation contributes to TLR4 overexpression in CD14+ monocytes via epigenetic mechanisms in coronary artery disease. <i>Clinical Epigenetics</i> , 2019, 11, 44.	1.8	22
30	Mechanisms of Trained Innate Immunity in oxLDL Primed Human Coronary Smooth Muscle Cells. <i>Frontiers in Immunology</i> , 2019, 10, 13.	2.2	56
31	Interleukin-37: The Effect of Anti-Inflammatory Response in Human Coronary Artery Endothelial Cells. <i>Mediators of Inflammation</i> , 2019, 2019, 1-12.	1.4	11
32	MicroRNA-21 attenuates BDE-209-induced lipid accumulation in THP-1 macrophages by downregulating Toll-like receptor 4 expression. <i>Food and Chemical Toxicology</i> , 2019, 125, 71-77.	1.8	15
33	Platelet TLR4 at the crossroads of thrombosis and the innate immune response. <i>Journal of Leukocyte Biology</i> , 2019, 105, 873-880.	1.5	56
34	Platelet-neutrophil interaction aggravates vascular inflammation and promotes the progression of atherosclerosis by activating the TLR4/NF κ B pathway. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 5612-5619.	1.2	25
35	Wnt5a is involved in LOX-1 and TLR4 induced host inflammatory response in peri-implantitis. <i>Journal of Periodontal Research</i> , 2020, 55, 199-208.	1.4	22
36	Efferocytosis in health and disease. <i>Nature Reviews Immunology</i> , 2020, 20, 254-267.	10.6	461

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37	Emerging roles of Toll-like receptor 9 in cardiometabolic disorders. <i>Inflammation and Regeneration</i> , 2020, 40, 18.	1.5	25
38	The Association of rs1898830 in Toll-Like Receptor 2 with Lipids and Blood Pressure. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 24.	0.8	3
39	TLR9 deficiency alleviates doxorubicin-induced cardiotoxicity via the regulation of autophagy. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10913-10923.	1.6	29
40	The Anti-Inflammatory Effect of Taurine on Cardiovascular Disease. <i>Nutrients</i> , 2020, 12, 2847.	1.7	64
41	Truncated Pneumolysin from <i>Streptococcus pneumoniae</i> as a TLR4-Antagonizing New Drug for Chronic Inflammatory Conditions. <i>Cells</i> , 2020, 9, 1183.	1.8	3
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47	Octominin Inhibits LPS-Induced Chemokine and Pro-inflammatory Cytokine Secretion from RAW 264.7 Macrophages via Blocking TLRs/NF- κ B Signal Transduction. <i>Biomolecules</i> , 2020, 10, 511.	1.8	23
48	Is Toll-like receptor 4 involved in the severity of COVID-19 pathology in patients with cardiometabolic comorbidities?. <i>Cytokine and Growth Factor Reviews</i> , 2021, 58, 102-110.	3.2	73
49	Immunological mechanisms underlying sterile inflammation in the pathogenesis of atherosclerosis: potential sites for intervention. <i>Expert Review of Clinical Immunology</i> , 2021, 17, 37-50.	1.3	6
50	Microbiota-derived extracellular vesicles and metabolic syndrome. <i>Acta Physiologica</i> , 2021, 231, e13600.	1.8	16
51	Functional Role of B Cells in Atherosclerosis. <i>Cells</i> , 2021, 10, 270.	1.8	30
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57	CTRP1 Aggravates Cardiac Dysfunction Post Myocardial Infarction by Modulating TLR4 in Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 635267.	2.2	18
58	Unraveling the molecular crosstalk between Atherosclerosis and COVID-19 comorbidity. <i>Computers in Biology and Medicine</i> , 2021, 134, 104459.	3.9	18
59	Epsins Negatively Regulate Aortic Endothelial Cell Function by Augmenting Inflammatory Signaling. <i>Cells</i> , 2021, 10, 1918.	1.8	5
60	Thrombosis in COVID-19 infection: Role of platelet activation-mediated immunity. <i>Thrombosis Journal</i> , 2021, 19, 59.	0.9	36
61	Artesunate attenuates foam cell formation by enhancing cholesterol efflux. <i>Annals of Translational Medicine</i> , 2021, 9, 1379-1379.	0.7	3
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64	Mitochondrial DAMPs and altered mitochondrial dynamics in OxLDL burden in atherosclerosis. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 1915-1928.	1.4	20
65	Oxidative Stress in Ischemic Heart Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-30.	1.9	63
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78	Involvement of Fatty Acids and Their Metabolites in the Development of Inflammation in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1308.	1.8	22
79	Intertwining roles of circadian and metabolic regulation of the innate immune response. <i>Seminars in Immunopathology</i> , 2022, 44, 225-237.	2.8	7
80	Endothelial cells: potential novel regulators of renal inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, F309-F321.	1.3	15
81	Mitochondrial C5aR1 activity in macrophages controls IL-1 β production underlying sterile inflammation. <i>Science Immunology</i> , 2021, 6, eabf2489.	5.6	50
82	Differential Biological Effects of Dietary Lipids and Irradiation on the Aorta, Aortic Valve, and the Mitral Valve. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 839720.	1.1	2
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95	Could a Lower Toll-like Receptor (TLR) and NF- κ B Activation Due to a Changed Charge Distribution in the Spike Protein Be the Reason for the Lower Pathogenicity of Omicron?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5966.	1.8	9
96	The E3 Ubiquitin Ligase Peli1 Deficiency Promotes Atherosclerosis Progression. <i>Cells</i> , 2022, 11, 2014.	1.8	7
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104	A Toll-like receptor 4/NLRP3 inflammasome pathway promotes inflammation in skeletal muscle of chronic kidney disease patients. <i>JCSM Rapid Communications</i> , 0, , .	0.6	1
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