

# Experimental sepsis-induced mitochondrial biogenesis TLR9 signaling in liver

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Citation Report

#	ARTICLE	IF	CITATIONS
1	MKK3 regulates mitochondrial biogenesis and mitophagy in sepsis-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L604-L619.	1.3	74
2	CaMKIV-Dependent Preservation of mTOR Expression Is Required for Autophagy during Lipopolysaccharide-Induced Inflammation and Acute Kidney Injury. <i>Journal of Immunology</i> , 2014, 193, 2405-2415.	0.4	47
3	Dose Response of Endotoxin on Hepatocyte and Muscle Mitochondrial Respiration In Vitro. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	13
4	Mitochondrial Mechanisms in Septic Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17763-17778.	1.8	102
5	Thyroid hormone induction of mitochondrial activity is coupled to mitophagy via ROS-AMPK-ULK1 signaling. <i>Autophagy</i> , 2015, 11, 1341-1357.	4.3	139
6	DAMPs activating innate immune responses in sepsis. <i>Ageing Research Reviews</i> , 2015, 24, 54-65.	5.0	58
7	Adenosine monophosphate-activated protein kinase activation protects against sepsis-induced organ injury and inflammation. <i>Journal of Surgical Research</i> , 2015, 194, 262-272.	0.8	91
8	Metformin improves anxiety-like behaviors through AMPK-dependent regulation of autophagy following transient forebrain ischemia. <i>Metabolic Brain Disease</i> , 2015, 30, 1139-1150.	1.4	85
9	Effects of inhalation of low-dose nitrite or carbon monoxide on post-reperfusion mitochondrial function and tissue injury in hemorrhagic shock swine. <i>Critical Care</i> , 2015, 19, 184.	2.5	10
10	Redox regulation of mitophagy in the lung during murine <i>Staphylococcus aureus</i> sepsis. <i>Free Radical Biology and Medicine</i> , 2015, 78, 179-189.	1.3	88
11	Autophagosome-lysosome fusion triggers a lysosomal response mediated by TLR9 and controlled by OCRL. <i>Nature Cell Biology</i> , 2016, 18, 839-850.	4.6	140
12	Sepsis-induced acute kidney injury. <i>Current Opinion in Critical Care</i> , 2016, 22, 546-553.	1.6	213
13	Autophagy in sepsis: Degradation into exhaustion?. <i>Autophagy</i> , 2016, 12, 1073-1082.	4.3	111
14	Biology and Metabolism of Sepsis: Innate Immunity, Bioenergetics, and Autophagy. <i>Surgical Infections</i> , 2016, 17, 286-293.	0.7	45
15	Autophagy in Pulmonary Diseases. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1196-1207.	2.5	62
16	The role of TLR9 in stress-dependent autophagy formation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 481, 219-226.	1.0	13
17	Mitochondrial Function in Sepsis. <i>Shock</i> , 2016, 45, 271-281.	1.0	142
18	Recent developments in severe sepsis research: from bench to bedside and back. <i>Future Microbiology</i> , 2016, 11, 293-314.	1.0	13

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19	Metabolic reprogramming and tolerance during sepsis-induced AKI. <i>Nature Reviews Nephrology</i> , 2017, 13, 143-151.	4.1	113
20	The NF- $\kappa$ B inhibitor celastrol attenuates acute hepatic dysfunction induced by cecal ligation and puncture in rats. <i>Environmental Toxicology and Pharmacology</i> , 2017, 50, 175-182.	2.0	14
21	The critical role played by endotoxin-induced liver autophagy in the maintenance of lipid metabolism during sepsis. <i>Autophagy</i> , 2017, 13, 1113-1129.	4.3	60
22	Calcium/calmodulin-dependent protein kinase regulates the PINK1/Parkin and DJ-1 pathways of mitophagy during sepsis. <i>FASEB Journal</i> , 2017, 31, 4382-4395.	0.2	28
23	Hypoxia mediates mitochondrial biogenesis in hepatocellular carcinoma to promote tumor growth through HMGB1 and TLR9 interaction. <i>Hepatology</i> , 2017, 66, 182-197.	3.6	89
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25	Ginsenoside Rg3 attenuates sepsis-induced injury and mitochondrial dysfunction in liver via AMPK-mediated autophagy flux. <i>Bioscience Reports</i> , 2017, 37, .	1.1	52
26	Mechanisms of bile acid mediated inflammation in the liver. <i>Molecular Aspects of Medicine</i> , 2017, 56, 45-53.	2.7	174
27	Afzelin ameliorates D-galactosamine and lipopolysaccharide-induced fulminant hepatic failure by modulating mitochondrial quality control and dynamics. <i>British Journal of Pharmacology</i> , 2017, 174, 195-209.	2.7	37
28	Autophagy: A Potential Therapeutic Target for Reversing Sepsis-Induced Immunosuppression. <i>Frontiers in Immunology</i> , 2017, 8, 1832.	2.2	45
29	Bile acids initiate cholestatic liver injury by triggering a hepatocyte-specific inflammatory response. <i>JCI Insight</i> , 2017, 2, e90780.	2.3	181
30	Mechanisms of Organ Dysfunction in Sepsis. <i>Critical Care Clinics</i> , 2018, 34, 63-80.	1.0	145
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35	Sirtuin 6 overexpression relieves sepsis-induced acute kidney injury by promoting autophagy. <i>Cell Cycle</i> , 2019, 18, 425-436.	1.3	60
36	Hydrogen gas inhalation attenuates sepsis-induced liver injury in a FUNDC1-dependent manner. <i>International Immunopharmacology</i> , 2019, 71, 61-67.	1.7	43

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38	Endotoxin Engages Mitochondrial Quality Control via an iNOS-Reactive Oxygen Species Signaling Pathway in Hepatocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	1.9	13
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40	Sepsis-Induced Acute Kidney Injury. , 2019, , 524-533.e3.		5
41	Multiple Organ Dysfunction. , 2019, , 205-208.e2.		2
42	Hydrogen alleviated organ injury and dysfunction in sepsis: The role of cross-talk between autophagy and endoplasmic reticulum stress: Experimental research. <i>International Immunopharmacology</i> , 2020, 78, 106049.	1.7	28
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46	Mitochondrial Dynamics in Drug-Induced Liver Injury. <i>Livers</i> , 2021, 1, 102-115.	0.8	18
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49	Inhibition of mitophagy drives macrophage activation and antibacterial defense during sepsis. <i>Journal of Clinical Investigation</i> , 2020, 130, 5858-5874.	3.9	87
50	Staphylococcus aureus Sepsis Induces Early Renal Mitochondrial DNA Repair and Mitochondrial Biogenesis in Mice. <i>PLoS ONE</i> , 2014, 9, e100912.	1.1	36
51	Mitochondrial Injury and Targeted Intervention in Septic Cardiomyopathy. <i>Current Pharmaceutical Design</i> , 2019, 25, 2060-2070.	0.9	32
52	Clinical significance of miRâ€¹81a in patients with neonatal sepsis and its regulatory role in the lipopolysaccharideâ€¹induced inflammatory response. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 1977-1983.	0.8	15
53	Ginsenoside Rb1 alleviates liver injury induced by 3â€¹chloroâ€¹,2â€¹propanediol by stimulating autophagic flux. <i>Journal of Food Science</i> , 2021, 86, 5503-5515.	1.5	3
54	PI3K/mTOR inhibition prevents anal cancer in mice with established low-grade anal dysplasia. <i>Experimental and Molecular Pathology</i> , 2022, 125, 104752.	0.9	2

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57	Cardiomyocyte death in sepsis: Mechanisms and regulation (Review). <i>Molecular Medicine Reports</i> , 2022, 26, .	1.1	8
62	Quantification of intracellular and mitochondrial ATP content in macrophages during lipopolysaccharide-induced inflammatory response. <i>Methods in Cell Biology</i> , 2024, , .	0.5	0