

The NLRP3 Inflammasome: An Overview of Mechanism

International Journal of Molecular Sciences

20, 3328

DOI: [10.3390/ijms20133328](https://doi.org/10.3390/ijms20133328)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Atrial fibrillation. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16017.	18.1	6
2	Atherosclerosis and Coenzyme Q10. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5195.	1.8	27
3	The role of traditional Chinese medicine in the treatment of atherosclerosis through the regulation of macrophage activity. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109375.	2.5	27
4	Metformin inhibited Nod-like receptor protein 3 inflammasomes activation and suppressed diabetes-accelerated atherosclerosis in apoE ^{-/-} mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 119, 109410.	2.5	45
5	Heat Shock Proteins and Inflammasomes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4508.	1.8	45
6	Shaping of Innate Immune Response by Fatty Acid Metabolite Palmitate. <i>Cells</i> , 2019, 8, 1633.	1.8	34
7	Febuxostat, a Xanthine Oxidoreductase Inhibitor, Decreases NLRP3-dependent Inflammation in Macrophages by Activating the Purine Salvage Pathway and Restoring Cellular Bioenergetics. <i>Scientific Reports</i> , 2019, 9, 17314.	1.6	18
8	Functional crosstalk between non-canonical caspase-1 and canonical NLRP3 inflammasomes during infection-mediated inflammation. <i>Immunology</i> , 2020, 159, 142-155.	2.0	50
9	Altered inflammasome machinery as a key player in the perpetuation of Rett syndrome oxinflammation. <i>Redox Biology</i> , 2020, 28, 101334.	3.9	28
10	Development of small molecule inhibitors targeting NLRP3 inflammasome pathway for inflammatory diseases. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111822.	2.6	90
11	Isofraxidin Alleviates Myocardial Infarction Through NLRP3 Inflammasome Inhibition. <i>Inflammation</i> , 2020, 43, 712-721.	1.7	24
12	Recent Progress in Autocatalytic Ceria Nanoparticles-Based Translational Research on Brain Diseases. <i>ACS Applied Nano Materials</i> , 2020, 3, 1043-1062.	2.4	27
13	Asymptomatic hyperuricaemia: a silent activator of the innate immune system. <i>Nature Reviews Rheumatology</i> , 2020, 16, 75-86.	3.5	150
14	Inflammasome in HIV infection: Lights and shadows. <i>Molecular Immunology</i> , 2020, 118, 9-18.	1.0	20
15	<p>Spinal TLR4/P2X7 Receptor-Dependent NLRP3 Inflammasome Activation Contributes to the Development of Tolerance to Morphine-Induced Antinociception</p>. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 571-582.	1.6	16
16	Harnessing the Activation of Toll-Like Receptor 2/6 by Self-Assembled Cross- β Fibrils to Design Adjuvanted Nanovaccines. <i>Nanomaterials</i> , 2020, 10, 1981.	1.9	14
17	Autophagy Takes Center Stage as a Possible Cancer Hallmark. <i>Frontiers in Oncology</i> , 2020, 10, 586069.	1.3	31
18	The Inhibition of NLRP3 Inflammasome and IL-6 Production by Hibiscus noldeae Baker f. Derived Constituents Provides a Link to Its Anti-Inflammatory Therapeutic Potentials. <i>Molecules</i> , 2020, 25, 4693.	1.7	15

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19	Arctigenin disrupts NLRP3 inflammasome assembly in colonic macrophages via downregulating fatty acid oxidation to prevent colitis-associated cancer. <i>Cancer Letters</i> , 2020, 491, 162-179.	3.2	39
20	Peroxynitrite/PKR Axis Modulates the NLRP3 Inflammasome of Cardiac Fibroblasts. <i>Frontiers in Immunology</i> , 2020, 11, 558712.	2.2	9
21	Mechanisms of NLRP3 priming in inflammaging and age related diseases. <i>Cytokine and Growth Factor Reviews</i> , 2020, 55, 15-25.	3.2	66
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26	Proteostasis Disturbances and Inflammation in Neurodegenerative Diseases. <i>Cells</i> , 2020, 9, 2183.	1.8	26
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29	Macrophage pyroptosis is mediated by immunoproteasome subunit β 5i (LMP7) in abdominal aortic aneurysm. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 1012-1020.	1.0	12
30	P2Y12 shRNA normalizes inflammatory dysfunctional hepatic glucokinase activity in type 2 diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110803.	2.5	6
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38	Severe COVID-19: NLRP3 Inflammasome Dysregulated. <i>Frontiers in Immunology</i> , 2020, 11, 1580.	2.2	173
39	The Role of NLRP3 Inflammasome in Pneumococcal Infections. <i>Frontiers in Immunology</i> , 2020, 11, 614801.	2.2	18
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49	Curcumin in Depression: Potential Mechanisms of Action and Current Evidence—A Narrative Review. <i>Frontiers in Psychiatry</i> , 2020, 11, 572533.	1.3	41
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132	Compromised immune/inflammatory responses in Rett syndrome. <i>Free Radical Biology and Medicine</i> , 2020, 152, 100-106.	1.3	29
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139	EPS8 regulates an NLRP3 inflammasome-independent caspase-1 activation pathway in monosodium urate crystal-treated RAW264.7 macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2020, 530, 487-493.	1.0	7
140	RIPK3: A New Player in Renal Fibrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 502.	1.8	12
141	Mitochondrial Dysfunction and Inflammaging in Heart Failure: Novel Roles of CYP-Derived Epoxylipids. <i>Cells</i> , 2020, 9, 1565.	1.8	28
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