

Inflammasome inhibition prevents $\hat{\text{I}}\pm$ -synuclein pathology and neurodegeneration in mice

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Citation Report

#	ARTICLE	IF	CITATIONS
1	DNA Methylation Biomarkers for the Diagnosis of Barrett's Oesophagus. <i>American Journal of Gastroenterology</i> , 2018, 113, 1722.	0.2	0
2	Neuroprotective and Neurotherapeutic Effects of Tetrahedral Framework Nucleic Acids on Parkinson's Disease <i>in Vitro</i> . <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32787-32797.	4.0	38
3	Microglia affect α -synuclein cell-to-cell transfer in a mouse model of Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2019, 14, 34.	4.4	141
4	Modulation of Innate Immunity by Amyloidogenic Peptides. <i>Trends in Immunology</i> , 2019, 40, 762-780.	2.9	6
5	Kir6.1/K-ATP channel on astrocytes protects against dopaminergic neurodegeneration in the MPTP mouse model of Parkinson's disease via promoting mitophagy. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 509-522.	2.0	46
6	Crystals in the Substantia Nigra. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3415-3418.	1.7	4
7	Reformulating Pro-Oxidant Microglia in Neurodegeneration. <i>Journal of Clinical Medicine</i> , 2019, 8, 1719.	1.0	47
8	Targeting NLRP3 Inflammasome Activation in Severe Asthma. <i>Journal of Clinical Medicine</i> , 2019, 8, 1615.	1.0	65
9	Amentoflavone suppresses amyloid β 1-42 neurotoxicity in Alzheimer's disease through the inhibition of pyroptosis. <i>Life Sciences</i> , 2019, 239, 117043.	2.0	52
10	Pharmacological Inhibitors of the NLRP3 Inflammasome. <i>Frontiers in Immunology</i> , 2019, 10, 2538.	2.2	436
11	Specific Inhibition of the NLRP3 Inflammasome as an Antiinflammatory Strategy in Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1381-1391.	2.5	74
12	Gastrodin ameliorates microvascular reperfusion injury-induced pyroptosis by regulating the NLRP3/caspase-1 pathway. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 531-547.	1.3	48
13	Immunotherapy in Parkinson's disease: Current status and future directions. <i>Neurobiology of Disease</i> , 2019, 132, 104587.	2.1	41
14	Gut Inflammation in Association With Pathogenesis of Parkinson's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 218.	1.4	63
15	Microglia Biology: One Century of Evolving Concepts. <i>Cell</i> , 2019, 179, 292-311.	13.5	772
16	Phytochemicals as Novel Therapeutic Strategies for NLRP3 Inflammasome-Related Neurological, Metabolic, and Inflammatory Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2876.	1.8	67
17	A secret that underlies Parkinson's disease: The damaging cycle. <i>Neurochemistry International</i> , 2019, 129, 104484.	1.9	21
18	Analytical methods used in the study of Parkinson's disease. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 292-302.	5.8	9

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19	Neurodegenerative disease treatments by direct TNF reduction, SB623 cells, maraviroc and irisin and MCC950, from an inflammatory perspective – a Commentary. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 535-543.	1.4	13
20	Next Generation Precision Medicine: CRISPR-mediated Genome Editing for the Treatment of Neurodegenerative Disorders. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 608-641.	2.1	22
21	Pigment Nephropathy: Novel Insights into Inflammasome-Mediated Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1997.	1.8	14
22	Triptolide Inhibits Preformed Fibril-Induced Microglial Activation by Targeting the MicroRNA155-5p/SHIP1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	28
23	Fyn kinase regulates misfolded α -synuclein uptake and NLRP3 inflammasome activation in microglia. <i>Journal of Experimental Medicine</i> , 2019, 216, 1411-1430.	4.2	169
24	The role and therapeutic potential of connexins, pannexins and their channels in Parkinson's disease. <i>Cellular Signalling</i> , 2019, 58, 111-118.	1.7	24
25	Nanodelivery of cerebrolysin reduces pathophysiology of Parkinson's disease. <i>Progress in Brain Research</i> , 2019, 245, 201-246.	0.9	28
26	NLRP3 inflammasome pathway is involved in olfactory bulb pathological alteration induced by MPTP. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 991-998.	2.8	17
27	Therapeutic Inhibition of the Complement System in Diseases of the Central Nervous System. <i>Frontiers in Immunology</i> , 2019, 10, 362.	2.2	148
28	Recent advances in the mechanisms of NLRP3 inflammasome activation and its inhibitors. <i>Cell Death and Disease</i> , 2019, 10, 128.	2.7	835
29	Biochanin A protects against angiotensin II-induced damage of dopaminergic neurons in rats associated with the increased endophilin A2 expression. <i>Behavioural Pharmacology</i> , 2019, 30, 699-710.	0.8	7
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35	The NLRP3 inflammasome: a new player in neurological diseases. <i>Turkish Journal of Biology</i> , 2019, 43, 349-359.	2.1	31
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39	Targeting the Microglial NLRP3 Inflammasome and Its Role in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 20-33.	2.2	161
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41	Systemic activation of NLRP3 inflammasome and plasma α -synuclein levels are correlated with motor severity and progression in Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 11.	3.1	127
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50	NLRP3 Inflammasome Activation in Cancer: A Double-Edged Sword. <i>Frontiers in Immunology</i> , 2020, 11, 1444.	2.2	148
51	The gut microbiota attenuate neuroinflammation in manganese exposure by inhibiting cerebral NLRP3 inflammasome. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110449.	2.5	33
52	Inflammasomes and Cell Death: Common Pathways in Microparticle Diseases. <i>Trends in Molecular Medicine</i> , 2020, 26, 1003-1020.	3.5	36
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54	Inflammation in Parkinson's Disease: Mechanisms and Therapeutic Implications. <i>Cells</i> , 2020, 9, 1687.	1.8	334

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74	Editorial: Role of Diet, Physical Activity and Immune System in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 611349.	1.1	2
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81	Targeting NLRP3 Inflammasome Reduces Age-Related Experimental Alveolar Bone Loss. <i>Journal of Dental Research</i> , 2020, 99, 1287-1295.	2.5	53
82	Reconciling protective and pathogenic roles of the NLRP3 inflammasome in leishmaniasis. <i>Immunological Reviews</i> , 2020, 297, 53-66.	2.8	14
83	Targeting the NLRP3 Inflammasome in Severe COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 1518.	2.2	329
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85	Disulfiram suppresses NLRP3 inflammasome activation to treat peritoneal and gouty inflammation. <i>Free Radical Biology and Medicine</i> , 2020, 152, 8-17.	1.3	58
86	Neuroimmune Connections in Aging and Neurodegenerative Diseases. <i>Trends in Immunology</i> , 2020, 41, 300-312.	2.9	111
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117	NEAT1 Decreasing Suppresses Parkinson's Disease Progression via Acting as miR-1301-3p Sponge. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 369-378.	1.1	23
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127	Neuroimmune crosstalk and evolving pharmacotherapies in neurodegenerative diseases. <i>Immunology</i> , 2021, 162, 160-178.	2.0	12
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149	Neurodegenerative Disease and the NLRP3 Inflammasome. <i>Frontiers in Pharmacology</i> , 2021, 12, 643254.	1.6	107
150	Alpha-Synuclein Handling by Microglia: Activating, Combating, and Worsening. <i>Neuroscience Bulletin</i> , 2021, 37, 751-753.	1.5	9
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