Alveolar macrophages and type I IFN in airway homeos

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Citation Report

#	Article	IF	CITATIONS
2	Perinatal Lung Development: The Lung at Birth. , 2016, , .		0
3	Type I Interferons in Bacterial Infections: A Balancing Act. Frontiers in Immunology, 2016, 7, 652.	4.8	90
4	Otopathogenic Pseudomonas aeruginosa Enters and Survives Inside Macrophages. Frontiers in Microbiology, 2016, 7, 1828.	3.5	22
5	Type I interferon promotes alveolar epithelial type II cell survival during pulmonary Streptococcus pneumoniae infection and sterile lung injury in mice. European Journal of Immunology, 2016, 46, 2175-2186.	2.9	21
6	Tuberculosis. Nature Reviews Disease Primers, 2016, 2, 16076.	30.5	830
7	Epithelial cell-derived microvesicles activate macrophages and promote inflammation via microvesicle-containing microRNAs. Scientific Reports, 2016, 6, 35250.	3.3	135
8	Priming of the Respiratory Tract with Immunobiotic <i>Lactobacillus plantarum</i> Limits Infection of Alveolar Macrophages with Recombinant Pneumonia Virus of Mice (rK2-PVM). Journal of Virology, 2016, 90, 979-991.	3.4	18
9	Porcine circovirus type 2 induces type I interferon production via MyD88–IKKα–IRFs signaling rather than NF-κB in porcine alveolar macrophages in vitro. Research in Veterinary Science, 2016, 104, 188-194.	1.9	9
10	Regulation of Cellular Immune Responses in Sepsis by Histone Modifications. Advances in Protein Chemistry and Structural Biology, 2017, 106, 191-225.	2.3	17
11	Unravelling the networks dictating host resistance versus tolerance during pulmonary infections. Cell and Tissue Research, 2017, 367, 525-536.	2.9	22
12	Alveolar macrophages are critical for broadly-reactive antibody-mediated protection against influenza A virus in mice. Nature Communications, 2017, 8, 846.	12.8	134
13	Andrographolide inhibits influenza A virus-induced inflammation in a murine model through NF-κB and JAK-STAT signaling pathway. Microbes and Infection, 2017, 19, 605-615.	1.9	75
14	The STAT4/MLL1 Epigenetic Axis Regulates the Antimicrobial Functions of Murine Macrophages. Journal of Immunology, 2017, 199, 1865-1874.	0.8	34
15	Lung Epithelial Cell–Derived Microvesicles Regulate Macrophage Migration via MicroRNA-17/221–Induced Integrin β1 Recycling. Journal of Immunology, 2017, 199, 1453-1464.	0.8	79
16	Dynamic changes in bronchoalveolar macrophages and cytokines during infection of pigs with a highly or low pathogenic genotype 1 PRRSV strain. Veterinary Research, 2017, 48, 15.	3.0	42
17	Adaptive B Cell Responses to Influenza Virus Infection in the Lung. Viral Immunology, 2017, 30, 431-437.	1.3	15
18	Interactions between Type 1 Interferons and the Th17 Response in Tuberculosis: Lessons Learned from Autoimmune Diseases. Frontiers in Immunology, 2017, 8, 294.	4.8	56
19	Involvement of Cytokines in the Pathogenesis of Salt and Water Imbalance in Congestive Heart Failure. Frontiers in Immunology, 2017, 8, 716.	4.8	15

TION RE

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20	Peptidoglycan from Immunobiotic Lactobacillus rhamnosus Improves Resistance of Infant Mice to Respiratory Syncytial Viral Infection and Secondary Pneumococcal Pneumonia. Frontiers in Immunology, 2017, 8, 948.	4.8	56
21	Dissecting host cell death programs in the pathogenesis of influenza. Microbes and Infection, 2018, 20, 560-569.	1.9	22
22	Macrophage plasticity, polarization, and function in health and disease. Journal of Cellular Physiology, 2018, 233, 6425-6440.	4.1	2,693
23	Aberrant Th2 inflammation drives dysfunction of alveolar macrophages and susceptibility to bacterial pneumonia. Cellular and Molecular Immunology, 2018, 15, 480-492.	10.5	9
24	Natriuretic peptides system in the pulmonary tissue of rats with heart failure: potential involvement in lung edema and inflammation. Oncotarget, 2018, 9, 21715-21730.	1.8	12
25	The value of transcriptomics in advancing knowledge of the immune response and diagnosis in tuberculosis. Nature Immunology, 2018, 19, 1159-1168.	14.5	88
26	Macrophages: friend or foe in idiopathic pulmonary fibrosis?. Respiratory Research, 2018, 19, 170.	3.6	205
27	Cytokines and radiation-induced pulmonary injuries. Journal of Radiation Research, 2018, 59, 709-753.	1.6	71
28	Human Metapneumovirus Infection Inhibits Cathelicidin Antimicrobial Peptide Expression in Human Macrophages. Frontiers in Immunology, 2018, 9, 902.	4.8	11
29	Engystol reduces onset of experimental respiratory syncytial virus-induced respiratory inflammation in mice by modulating macrophage phagocytic capacity. PLoS ONE, 2018, 13, e0195822.	2.5	7
30	Hostâ€pathogen kinetics during influenza infection and coinfection: insights from predictive modeling. Immunological Reviews, 2018, 285, 97-112.	6.0	65
31	Editorial: Alveolar Macrophages in Lung Inflammation and Resolution. Frontiers in Immunology, 2019, 10, 2275.	4.8	105
32	Making Universal Influenza Vaccines: Lessons From the 1918 Pandemic. Journal of Infectious Diseases, 2019, 219, S5-S13.	4.0	27
33	Deficient pulmonary IFNâ $\in \hat{I}^2$ expression in COPD patients. PLoS ONE, 2019, 14, e0217803.	2.5	34
34	Leukotriene B4–type I interferon axis regulates macrophage-mediated disease tolerance to influenza infection. Nature Microbiology, 2019, 4, 1389-1400.	13.3	31
35	Adult Drosophila Lack Hematopoiesis but Rely on a Blood Cell Reservoir at the Respiratory Epithelia to Relay Infection Signals to Surrounding Tissues. Developmental Cell, 2019, 51, 787-803.e5.	7.0	64
36	Pregnancy Induces a Steady-State Shift in Alveolar Macrophage M1/M2 Phenotype That Is Associated With a Heightened Severity of Influenza Virus Infection: Mechanistic Insight Using Mouse Models. Journal of Infectious Diseases, 2019, 219, 1823-1831.	4.0	14
37	Human Rhinovirus Impairs the Innate Immune Response to Bacteria in Alveolar Macrophages in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1496-1507.	5.6	42

#	Article	IF	CITATIONS
38	Type I interferons and endoplasmic reticulum stress in health and disease. International Review of Cell and Molecular Biology, 2020, 350, 63-118.	3.2	53
39	GM-CSF and IL-33 Orchestrate Polynucleation and Polyploidy of Resident Murine Alveolar Macrophages in a Murine Model of Allergic Asthma. International Journal of Molecular Sciences, 2020, 21, 7487.	4.1	3
40	A review of Sulfur Mustard-induced pulmonary immunopathology: An Alveolar Macrophage Approach. Toxicology Letters, 2020, 333, 115-129.	0.8	5
41	Differential responses of murine alveolar macrophages to elongate mineral particles of asbestiform and non-asbestiform varieties: Cytotoxicity, cytokine secretion and transcriptional changes. Toxicology and Applied Pharmacology, 2020, 409, 115302.	2.8	6
42	Cytokine Profile in Human Peripheral Blood Mononuclear Leukocytes Exposed to Immunoadjuvant and Adjuvant-Free Vaccines Against Influenza. Frontiers in Immunology, 2020, 11, 1351.	4.8	5
43	Monocytes and macrophages in COVID-19: Friends and foes. Life Sciences, 2021, 269, 119010.	4.3	97
44	Aerosol 1,25-dihydroxyvitamin D3 supplementation: A strategy to boost anti-tumor innate immune activity. PLoS ONE, 2021, 16, e0248789.	2.5	4
45	Macrophage 3D migration: A potential therapeutic target for inflammation and deleterious progression in diseases. Pharmacological Research, 2021, 167, 105563.	7.1	20
46	The Role of Macrophages During Mammalian Tissue Remodeling and Regeneration Under Infectious and Non-Infectious Conditions. Frontiers in Immunology, 2021, 12, 707856.	4.8	6
47	A non-neutralizing antibody broadly protects against influenza virus infection by engaging effector cells. PLoS Pathogens, 2021, 17, e1009724.	4.7	13
48	Type I interferon signaling and macrophages: a double-edged sword?. Cellular and Molecular Immunology, 2022, 19, 967-968.	10.5	6
50	The convergent epidemiology of tuberculosis and human cytomegalovirus infection. F1000Research, 2018, 7, 280.	1.6	19
51	The convergent epidemiology of tuberculosis and human cytomegalovirus infection. F1000Research, 2018, 7, 280.	1.6	31
52	SARSâ€CoVâ€2 evades immune detection in alveolar macrophages. EMBO Reports, 2020, 21, e51252.	4.5	70
53	Anti-Inflammatory Activity of Quantum Energy Living Body on Lipopolysaccharide-Induced Murine RAW 264.7 Macrophage Cell Line. Bioceramics Development and Applications, 2016, 06, .	0.3	1
54	Inflammatory, anti-inflammatory and regulatory cytokines in relatively healthy lung tissue as an essential part of the local immune system. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2017, 161, 164-173.	0.6	8
55	Pulmonary macrophages and their different roles in health and disease. International Journal of Biochemistry and Cell Biology, 2021, 141, 106095.	2.8	12
56	Blood Cells of Adult <i>Drosophila</i> Do Not Expand, But Control Survival after Bacterial Infection by Induction of <i>Drosocin</i> Around Their Reservoir at the Respiratory Epithelia. SSRN Electronic Journal, 0, , .	0.4	1

CITATION REPORT

#	Article	IF	CITATIONS
57	Study on the inhibition of PLD on IAV-induced pulmonary macrophage based on autophagy and apoptosis. Pharmacognosy Magazine, 2020, 16, 132.	0.6	3
58	Thiol peroxiredoxin, a novel allergen from , modulates functions of macrophages and dendritic cells. American Journal of Translational Research (discontinued), 2016, 8, 5320-5329.	0.0	7
59	Effects of Selected Non-biological and Biological Disease-Modifying Anti-rheumatic Drugs, and mRNA Vaccines on Mononuclear Phagocyte System. , 2021, , .		0
60	Influenza-induced Tpl2 expression within alveolar epithelial cells is dispensable for host viral control and anti-viral immunity. PLoS ONE, 2022, 17, e0262832.	2.5	2
61	Exosomes derived from adipose-derived stem cells alleviate cigarette smoke-induced lung inflammation and injury by inhibiting alveolar macrophages pyroptosis. Respiratory Research, 2022, 23, 5.	3.6	18
62	Osteopontin aggravates acute lung injury in influenza virus infection by promoting macrophages necroptosis. Cell Death Discovery, 2022, 8, 97.	4.7	10
63	TP53 Gene Therapy as a Potential Treatment for Patients with COVID-19. Viruses, 2022, 14, 739.	3.3	19
66	Placental mesenchymal stem cells boost M2 alveolar over M1 bone marrow macrophages via IL-1β in <i>Klebsiella</i> -mediated acute respiratory distress syndrome. Thorax, 2023, 78, 504-514.	5.6	4
67	Alveolar macrophages protect mice from MERS-CoV-induced pneumonia and severe disease. Veterinary Pathology, 2022, 59, 627-638.	1.7	4
68	Dysregulation of the IFN-I signaling pathway by <i>Mycobacterium tuberculosis</i> leads to exacerbation of HIV-1 infection of macrophages. Journal of Leukocyte Biology, 2022, 112, 1329-1342.	3.3	6
69	The Interactive Role of Macrophages in Innate Immunity. , 0, , .		0
70	Cytopathological Findings in Bronchoalveolar Lavage from Patients with COVID-19. Acta Cytologica, 0, , 1-10.	1.3	0
71	FBXO6 regulates the antiviral immune responses via mediating alveolar macrophages survival. Journal of Medical Virology, 2023, 95, .	5.0	5
72	Crosstalk between extracellular vesicles and tumor-associated macrophage in the tumor microenvironment. Cancer Letters, 2023, 552, 215979.	7.2	10
74	Functional Potassium Channels in Macrophages. Journal of Membrane Biology, 0, , .	2.1	1
75	Lidocaine inhibits influenza a virus replication by up-regulating IFNα4 via TBK1-IRF7 and JNK-AP1 signaling pathways. International Immunopharmacology, 2023, 115, 109706.	3.8	1
76	Host Recovery from Respiratory Viral Infection. Annual Review of Immunology, 2023, 41, 277-300.	21.8	10
77	SARS-CoV-2 Delta (B.1.617.2) variant replicates and induces syncytia formation in human induced pluripotent stem cell-derived macrophages. PeerJ, 0, 11, e14918.	2.0	0

CITATION REPORT

#	ARTICLE	IF	CITATIONS
78	Network pharmacology associated anti-influenza mechanism research of Qingjie-Tuire Granule via STAT1/3 signaling pathway. Heliyon, 2023, 9, e14649.	3.2	0
79	Role of Extracellular microRNAs in Sepsis-Induced Acute Lung Injury. Journal of Immunology Research, 2023, 2023, 1-8.	2.2	3
80	Chemical exposure and alveolar macrophages responses: †the role of pulmonary defense mechanism in	3.0	2
81	Mechanisms and Effects of Macrophage Polarization and Its Specifics in Pulmonary Environment. Physiological Research, 0, , S137-S156.	0.9	1
82	Apoptotic bodies inhibit inflammation by <scp>PDL1–PD1</scp> â€mediated macrophage metabolic reprogramming. Cell Proliferation, 2024, 57, .	5.3	2
83	Itaconate as a key regulator of respiratory disease. Clinical and Experimental Immunology, 2024, 215, 120-125.	2.6	0
84	The potential role of Hippo pathway regulates cellular metabolism via signaling crosstalk in disease-induced macrophage polarization. Frontiers in Immunology, 0, 14, .	4.8	0
85	Enhancement of Macrophage Immunity against Chlamydial Infection by Natural Killer T Cells. Cells, 2024, 13, 133.	4.1	0
86	BCG immunization induces CX3CR1hi effector memory T cells to provide cross-protection via IFN-Î ³ -mediated trained immunity. Nature Immunology, 2024, 25, 418-431.	14.5	0
87	SLC15A3 plays a crucial role in pulmonary fibrosis by regulating macrophage oxidative stress. Cell Death and Differentiation, 2024, 31, 417-430.	11.2	0