

JAK-STAT pathway activation in COPD

European Respiratory Journal

46, 843-845

DOI: [10.1183/09031936.00228414](https://doi.org/10.1183/09031936.00228414)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Kinases as Novel Therapeutic Targets in Asthma and Chronic Obstructive Pulmonary Disease. <i>Pharmacological Reviews</i> , 2016, 68, 788-815.	7.1	93
2	Effect of Liuweibuqi Capsules in Pulmonary Alveolar Epithelial Cells and COPD Through JAK/STAT Pathway. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 743-756.	1.1	19
4	New Anti-inflammatory Drugs for COPD: Is There a Possibility of Developing Drugs That Can Fundamentally Suppress Inflammation?. <i>Respiratory Disease Series</i> , 2017, , 267-278.	0.1	2
5	Exercise Inhibits the Effects of Smoke-Induced COPD Involving Modulation of STAT3. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	9
6	Suppression of PTPN6 exacerbates aluminum oxide nanoparticle-induced COPD-like lesions in mice through activation of STAT pathway. <i>Particle and Fibre Toxicology</i> , 2017, 14, 53.	2.8	27
7	LPS-induced proinflammatory cytokine expression in human airway epithelial cells and macrophages via NF- κ B, STAT3 or AP-1 activation. <i>Molecular Medicine Reports</i> , 2018, 17, 5484-5491.	1.1	121
8	A Drosophila model of cigarette smoke induced COPD identifies Nrf2 signaling as an expedient target for intervention. <i>Aging</i> , 2018, 10, 2122-2135.	1.4	22
9	ATRA reduces inflammation and improves alveolar epithelium regeneration in emphysematous rat lung. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1435-1450.	2.5	17
10	Salvianolic acid B as an anti-emphysema agent II: In vivo reversal activities in two rat models of emphysema. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018, 53, 52-60.	1.1	4
11	The EGFR-ADAM17 Axis in Chronic Obstructive Pulmonary Disease and Cystic Fibrosis Lung Pathology. <i>Mediators of Inflammation</i> , 2018, 2018, 1-22.	1.4	30
12	Whole exome sequencing analysis in severe chronic obstructive pulmonary disease. <i>Human Molecular Genetics</i> , 2018, 27, 3801-3812.	1.4	32
13	Identification of 2-Imidazopyridine and 2-Aminopyridone Purinones as Potent Pan-Janus Kinase (JAK) Inhibitors for the Inhaled Treatment of Respiratory Diseases. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9045-9060.	2.9	21
14	The STATus of STAT3 in Lung Cell Senescence?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 5-6.	1.4	7
15	Novel Inhaled Pan-JAK Inhibitor, LAS194046, Reduces Allergen-Induced Airway Inflammation, Late Asthmatic Response, and pSTAT Activation in Brown Norway Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 137-147.	1.3	25
16	Anti-inflammatory Property of Imperatorin on Alveolar Macrophages and Inflammatory Lung Injury. <i>Journal of Natural Products</i> , 2019, 82, 1002-1008.	1.5	32
17	The Th17/Treg Cytokine Imbalance in Chronic Obstructive Pulmonary Disease Exacerbation in an Animal Model of Cigarette Smoke Exposure and Lipopolysaccharide Challenge Association. <i>Scientific Reports</i> , 2019, 9, 1921.	1.6	30
18	Roles of DNA repair enzyme OGG1 in innate immunity and its significance for lung cancer. , 2019, 194, 59-72.		45
19	Building and Regenerating the Lung Cell by Cell. <i>Physiological Reviews</i> , 2019, 99, 513-554.	13.1	152

#	ARTICLE	IF	CITATIONS
20	Data independent acquisition mass spectrometry of irradiated mouse lung endothelial cells reveals a STAT-associated inflammatory response. <i>International Journal of Radiation Biology</i> , 2020, 96, 642-650.	1.0	5
21	Mediated Drug Release from Nanovehicles by Black Phosphorus Quantum Dots for Efficient Therapy of Chronic Obstructive Pulmonary Disease. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20568-20576.	7.2	56
22	Mediated Drug Release from Nanovehicles by Black Phosphorus Quantum Dots for Efficient Therapy of Chronic Obstructive Pulmonary Disease. <i>Angewandte Chemie</i> , 2020, 132, 20749-20757.	1.6	8
23	Th17/Treg imbalance in COPD development: suppressors of cytokine signaling and signal transducers and activators of transcription proteins. <i>Scientific Reports</i> , 2020, 10, 15287.	1.6	20
24	miR-223: A Key Regulator in the Innate Immune Response in Asthma and COPD. <i>Frontiers in Medicine</i> , 2020, 7, 196.	1.2	51
25	Effects of cannabis oil extract on immune response gene expression in human small airway epithelial cells (HSAEpC): implications for chronic obstructive pulmonary disease (COPD). <i>Journal of Cannabis Research</i> , 2020, 2, 5.	1.5	9
26	Herbal Combinational Medication of <i>Glycyrrhiza glabra</i> , <i>Agastache rugosa</i> Containing Glycyrrhizic Acid, Tiliarin Inhibits Neutrophilic Lung Inflammation by Affecting CXCL2, Interleukin-17/STAT3 Signal Pathways in a Murine Model of COPD. <i>Nutrients</i> , 2020, 12, 926.	1.7	40
27	P-STAT3 and IL-17 in tumor tissues enhances the prognostic value of CEA and CA125 in patients with lung adenocarcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109871.	2.5	15
29	Multi-omics links IL-6 trans-signalling with neutrophil extracellular trap formation and <i>Haemophilus</i> infection in COPD. <i>European Respiratory Journal</i> , 2021, 58, 2003312.	3.1	30
30	Participation of ABCA1 Transporter in Pathogenesis of Chronic Obstructive Pulmonary Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3334.	1.8	12
31	Th17/Treg-Related Intracellular Signaling in Patients with Chronic Obstructive Pulmonary Disease: Comparison between Local and Systemic Responses. <i>Cells</i> , 2021, 10, 1569.	1.8	9
32	Precision cut lung slices: an ex vivo model for assessing the impact of immunomodulatory therapeutics on lung immune responses. <i>Archives of Toxicology</i> , 2021, 95, 2871-2877.	1.9	10
33	JAK2 Phosphorylation Signals and Their Associated Cytokines Involved in Chronic Rhinosinusitis with Nasal Polyps and Correlated with Disease Severity. <i>Biomolecules</i> , 2021, 11, 1059.	1.8	1
34	Time-resolved proteomic profiling of cigarette smoke-induced experimental chronic obstructive pulmonary disease. <i>Respirology</i> , 2021, 26, 960-973.	1.3	22
35	Phospholipase A2 receptor 1 promotes lung cell senescence and emphysema in obstructive lung disease. <i>European Respiratory Journal</i> , 2021, 58, 2000752.	3.1	11
36	The misuse of distributional assumptions in functional class scoring gene-set and pathway analysis. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	3
37	E-cigarette aerosol mixtures inhibit biomaterial-induced osseointegrative cell phenotypes. <i>Materialia</i> , 2021, 20, 101241.	1.3	1
40	Improving gene network inference with graph wavelets and making insights about ageing-associated regulatory changes in lungs. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	2

#	ARTICLE	IF	CITATIONS
41	Evaluation of selected IL6/STAT3 pathway molecules and miRNA expression in chronic obstructive pulmonary disease. <i>Scientific Reports</i> , 2021, 11, 22756.	1.6	5
42	<i>Drosophila</i> Trachea as a Novel Model of COPD. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12730.	1.8	6
43	Icaritin inhibited cigarette smoke extract-induced CD8+ T cell chemotaxis enhancement by targeting the CXCL10/CXCR3 axis and TGF- β 2/Smad2 signaling. <i>Phytomedicine</i> , 2022, 96, 153907.	2.3	4
44	Th17/Treg Imbalance in Chronic Obstructive Pulmonary Disease: Clinical and Experimental Evidence. <i>Frontiers in Immunology</i> , 2021, 12, 804919.	2.2	24
45	Unraveling the Molecular Mechanism of Xuebijing Injection in the Treatment of Chronic Obstructive Pulmonary Disease by Combining Network Pharmacology and Affymetrix Array. <i>Natural Product Communications</i> , 2022, 17, 1934578X2210927.	0.2	0
46	Zhuye Shigao Decoction Combined with Qingqi Huatan Pills in Alleviating the Acute Exacerbation of Chronic Obstructive Pulmonary Disease (Phlegm-Heat Stagnating in the Lungs) via the IL-6-Mediated JAK1/STAT3 Signaling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-12.	0.5	1
47	PKM2 regulates cigarette smoke-induced airway inflammation and epithelial-to-mesenchymal transition via modulating PINK1/Parkin-mediated mitophagy. <i>Toxicology</i> , 2022, 477, 153251.	2.0	9
48	Impact of JAK/STAT inhibitors on human monocyte-derived macrophages stimulated by cigarette smoke extract and lipopolysaccharide. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022, 49, 1187-1196.	0.9	4
49	Efficacy of salmeterol and magnesium isoglycyrrhizinate combination treatment in rats with chronic obstructive pulmonary disease. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
50	Ruxolitinib inhibits cytokine production by human lung macrophages without impairing phagocytic ability. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
51	IL-26 in the Lung and Its Role in COPD Inflammation. <i>Journal of Personalized Medicine</i> , 2022, 12, 1685.	1.1	1
52	Protective effects of <i>Isodon Suzhouensis</i> extract and glaucocalyxin A on chronic obstructive pulmonary disease through SOCS3/JAKs/STATs pathway. <i>Food Frontiers</i> , 2023, 4, 511-523.	3.7	4
53	Janus kinase/signal transducers and activator of transcription (JAK/STAT) and its role in Lung inflammatory disease. <i>Chemico-Biological Interactions</i> , 2023, 371, 110334.	1.7	7
54	Effect and Mechanism of Running on Mouse Emphysema Model Induced by Cigarette Extract. <i>Rehabilitation Medicine</i> , 2022, 32, 326-331.	0.1	0
55	cAMP-PDE signaling in COPD: Review of cellular, molecular and clinical features. <i>Biochemistry and Biophysics Reports</i> , 2023, 34, 101438.	0.7	2