

The Microbiome and the Respiratory Tract

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Characterisation of the human uterine microbiome in non-pregnant women through deep sequencing of the V1-2 region of the 16S rRNA gene. PeerJ, 2016, 4, e1602.	0.9	217
2	Microbial Communities of Conducting and Respiratory Zones of Lung-Transplanted Patients. Frontiers in Microbiology, 2016, 7, 1749.	1.5	9
3	Laboratory diagnosis of pneumonia in the molecular age. European Respiratory Journal, 2016, 48, 1764-1778.	3.1	106
4	Another piece in the "research mosaic"™ that describes the role of the lung microbiome in COPD. Thorax, 2016, 71, 777-778.	2.7	4
5	Childhood allergies and asthma: New insights on environmental exposures and local immunity at the lung barrier. Current Opinion in Immunology, 2016, 42, 41-47.	2.4	25
6	Epidemiology and the microbiome. Annals of Epidemiology, 2016, 26, 386-387.	0.9	4
7	Metagenomics and the Human Virome in Asymptomatic Individuals. Annual Review of Microbiology, 2016, 70, 125-141.	2.9	104
8	Composition and immunological significance of the upper respiratory tract microbiota. FEBS Letters, 2016, 590, 3705-3720.	1.3	72
9	Development of inhalable hyaluronan/mannitol composite dry powders for flucytosine repositioning in local therapy of lung infections. Journal of Controlled Release, 2016, 238, 80-91.	4.8	30
10	Eosinophils, probiotics, and the microbiome. Journal of Leukocyte Biology, 2016, 100, 881-888.	1.5	38
11	A tale of two sites: how inflammation can reshape the microbiomes of the gut and lungs. Journal of Leukocyte Biology, 2016, 100, 943-950.	1.5	81
12	The lung microbiota in early rheumatoid arthritis and autoimmunity. Microbiome, 2016, 4, 60.	4.9	158
13	The Lung Microbiome in HIV. Getting to the HAART of the Host-Microbe Interface. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 136-137.	2.5	9
14	The Lung Microbiome, Immunity, and the Pathogenesis of Chronic Lung Disease. Journal of Immunology, 2016, 196, 4839-4847.	0.4	291
15	How recent advances in molecular tests could impact the diagnosis of pneumonia. Expert Review of Molecular Diagnostics, 2016, 16, 533-540.	1.5	23
16	Understanding the role of the microbiome in chronic obstructive pulmonary disease: principles, challenges, and future directions. Translational Research, 2017, 179, 71-83.	2.2	57
17	Human Three-Dimensional Endometrial Epithelial Cell Model To Study Host Interactions with Vaginal Bacteria and Neisseria gonorrhoeae. Infection and Immunity, 2017, 85, .	1.0	72
18	The dynamics of the pulmonary microbiome during mechanical ventilation in the intensive care unit and the association with occurrence of pneumonia. Thorax, 2017, 72, 803-810.	2.7	118

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19	Non-gut microbiota as a source of bioactive hydrogen. Postgraduate Medical Journal, 2017, 93, 170-170.	0.9	8
20	Differential responses of human dendritic cells to metabolites from the oral/airway microbiome. Clinical and Experimental Immunology, 2017, 188, 371-379.	1.1	14
21	Microbes Are Associated with Host Innate Immune Response in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 208-219.	2.5	130
22	Macrolides, inflammation and the lung microbiome: untangling the web of causality. Thorax, 2017, 72, 10-12.	2.7	16
23	Changes in the respiratory microbiome during acute exacerbations of idiopathic pulmonary fibrosis. Respiratory Research, 2017, 18, 29.	1.4	156
24	Infection: the neglected paradigm in SIDS research. Archives of Disease in Childhood, 2017, 102, 767-772.	1.0	31
25	Bacterial Topography of the Healthy Human Lower Respiratory Tract. MBio, 2017, 8, .	1.8	366
26	Rapid adaptation drives invasion of airway donor microbiota by Pseudomonas after lung transplantation. Scientific Reports, 2017, 7, 40309.	1.6	30
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30	Lung Homeostasis: Influence of Age, Microbes, and the Immune System. Immunity, 2017, 46, 549-561.	6.6	196
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37	Yeasts in Natural Ecosystems: Ecology. , 2017, , .		12

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38	Commensalism: The Case of the Human Zymobiome. , 2017, , 211-228.		4
39	Antibiotics and specialized metabolites from the human microbiota. <i>Natural Product Reports</i> , 2017, 34, 1302-1331.	5.2	58
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46	Silkworm larvae plasma (SLP) assay for detection of bacteria: False positives secondary to inflammation in vivo. <i>Journal of Microbiological Methods</i> , 2017, 132, 9-13.	0.7	3
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51	The Enduring Challenge of Determining Pneumonia Etiology in Children: Considerations for Future Research Priorities. <i>Clinical Infectious Diseases</i> , 2017, 64, S188-S196.	2.9	48
52	The Lung Microbiome in Idiopathic Pulmonary Fibrosis: A Promising Approach for Targeted Therapies. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2735.	1.8	36
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55	Oral Probiotics Alter Healthy Feline Respiratory Microbiota. <i>Frontiers in Microbiology</i> , 2017, 8, 1287.	1.5	25

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56	Persistent and Recurrent Bacterial Bronchitis—A Paradigm Shift in Our Understanding of Chronic Respiratory Disease. <i>Frontiers in Pediatrics</i> , 2017, 5, 19.	0.9	28
57	Comparison of Oropharyngeal Microbiota from Children with Asthma and Cystic Fibrosis. <i>Mediators of Inflammation</i> , 2017, 2017, 1-10.	1.4	32
58	The impact of persistent bacterial bronchitis on the pulmonary microbiome of children. <i>PLoS ONE</i> , 2017, 12, e0190075.	1.1	26
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60	A Different Microbiome Gene Repertoire in the Airways of Cystic Fibrosis Patients with Severe Lung Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1654.	1.8	39
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73	Interplay between the lung microbiome and lung cancer. <i>Cancer Letters</i> , 2018, 415, 40-48.	3.2	188
74	Epidemiology, pathophysiology, and microbiology of community-acquired pneumonia. <i>Annals of Research Hospitals</i> , 0, 2, 1-1.	0.0	25

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76	Effect of gastric fluid aspiration on the lung microbiota of laboratory rats. <i>Experimental Lung Research</i> , 2018, 44, 201-210.	0.5	4
77	Repertoire of bacterial species cultured from the human oral cavity and respiratory tract. <i>Future Microbiology</i> , 2018, 13, 1611-1624.	1.0	28
78	Inflammation and Pneumonia. <i>Clinics in Chest Medicine</i> , 2018, 39, 669-676.	0.8	37
79	Microbiological Diagnostic Performance of Metagenomic Next-generation Sequencing When Applied to Clinical Practice. <i>Clinical Infectious Diseases</i> , 2018, 67, S231-S240.	2.9	479
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81	Effects of smoking on the lower respiratory tract microbiome in mice. <i>Respiratory Research</i> , 2018, 19, 253.	1.4	42
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83	Lung cancer: a new frontier for microbiome research and clinical translation. <i>Ecancermedalscience</i> , 2018, 12, 866.	0.6	33
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85	Respiratory <i>Bordetella bronchiseptica</i> Carriage is Associated with Broad Phenotypic Alterations of Peripheral CD4+CD25+ T Cells and Differentially Affects Immune Responses to Secondary Non-Infectious and Infectious Stimuli in Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2602.	1.8	3
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87	Lung Microbiota and Its Impact on the Mucosal Immune Phenotype. , 2018, , 161-186.		0
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96	Inhalational supplementation of metformin butyrate: A strategy for prevention and cure of various pulmonary disorders. Biomedicine and Pharmacotherapy, 2018, 107, 495-506.	2.5	14
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100	Soil exposure modifies the gut microbiota and supports immune tolerance in a mouse model. Journal of Allergy and Clinical Immunology, 2019, 143, 1198-1206.e12.	1.5	124
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111	Interactions between microbiome and lungs: Paving new paths for microbiome based bio-engineered drug delivery systems in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019, 310, 108732.	1.7	29
112	Optimisation and Benchmarking of Targeted Amplicon Sequencing for Mycobiome Analysis of Respiratory Specimens. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4991.	1.8	28
113	Respiratory Dysbiosis in Canine Bacterial Pneumonia: Standard Culture vs. Microbiome Sequencing. <i>Frontiers in Veterinary Science</i> , 2019, 6, 354.	0.9	14
114	Infant airway microbiota and topical immune perturbations in the origins of childhood asthma. <i>Nature Communications</i> , 2019, 10, 5001.	5.8	92
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118	The Cancer Microbiota: EMT and Inflammation as Shared Molecular Mechanisms Associated with Plasticity and Progression. <i>Journal of Oncology</i> , 2019, 2019, 1-16.	0.6	49
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120	The influence of the microbiome on respiratory health. <i>Nature Immunology</i> , 2019, 20, 1279-1290.	7.0	299
121	Clinical predictors and outcome impact of community-onset polymicrobial bloodstream infection. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 716-722.	1.1	27
122	Impacts of environmental complexity on respiratory and gut microbiome community structure and diversity in growing pigs. <i>Scientific Reports</i> , 2019, 9, 13773.	1.6	33
123	Metagenome "Inferred bacterial replication rates in cystic fibrosis airways. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 653-656.	0.3	6
124	Commensal Microbiota Promote Lung Cancer Development via $\gamma\delta$ T Cells. <i>Cell</i> , 2019, 176, 998-1013.e16.	13.5	592
125	Microbiome networks and change-point analysis reveal key community changes associated with cystic fibrosis pulmonary exacerbations. <i>Npj Biofilms and Microbiomes</i> , 2019, 5, 4.	2.9	58
126	Controlling for Contaminants in Low-Biomass 16S rRNA Gene Sequencing Experiments. <i>MSystems</i> , 2019, 4, .	1.7	166
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128	Pathophysiological role of respiratory dysbiosis in hospital-acquired pneumonia. <i>Lancet Respiratory Medicine</i> , 2019, 7, 710-720.	5.2	66

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131	Microbiota-Dependent Regulation of Antimicrobial Immunity in the Lung. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 284-289.	1.4	14
132	Airway microbiota in patients with paediatric cystic fibrosis: Relationship with clinical status. Enfermedades Infecciosas Y Microbiologia Clinica (English Ed), 2019, 37, 167-171.	0.2	0
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135	The ABCs of wheeze: Asthma and bacterial communities. PLoS Pathogens, 2019, 15, e1007645.	2.1	9
136	Bioaerosols Play a Major Role in the Nasopharyngeal Microbiota Content in Agricultural Environment. International Journal of Environmental Research and Public Health, 2019, 16, 1375.	1.2	27
137	The Yin and Yang of <i>Streptococcus</i> Lung Infections in Cystic Fibrosis: a Model for Studying Polymicrobial Interactions. Journal of Bacteriology, 2019, 201, .	1.0	24
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143	A Genomic Approach To Identify Klebsiella pneumoniae and Acinetobacter baumannii Strains with Enhanced Competitive Fitness in the Lungs during Multistrain Pneumonia. Infection and Immunity, 2019, 87, .	1.0	9
144	Elevated Gut Microbiome-Derived Propionate Levels Are Associated With Reduced Sterile Lung Inflammation and Bacterial Immunity in Mice. Frontiers in Microbiology, 2019, 10, 159.	1.5	51
145	Dysregulated Lung Commensal Bacteria Drive Interleukin-17B Production to Promote Pulmonary Fibrosis through Their Outer Membrane Vesicles. Immunity, 2019, 50, 692-706.e7.	6.6	138
146	The Lung Microbiome, Metabolome, and Breath Volatolome in the Diagnosis of Pulmonary Disease. , 2019, , 297-305.		0
147	Lung Microbiota Contribute to Pulmonary Inflammation and Disease Progression in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1127-1138.	2.5	205
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149	The biology of pulmonary exacerbations in bronchiectasis. <i>European Respiratory Review</i> , 2019, 28, 190055.	3.0	48
150	Dynamic Changes in the Microbiome and Mucosal Immune Microenvironment of the Lower Respiratory Tract by Influenza Virus Infection. <i>Frontiers in Microbiology</i> , 2019, 10, 2491.	1.5	36
151	<p>An Oral Whole-Cell Killed Nontypeable Haemophilus influenzae Immunotherapeutic For The Prevention Of Acute Exacerbations Of Chronic Airway Disease</p>. <i>International Journal of COPD</i> , 2019, Volume 14, 2423-2431.	0.9	5
152	Effect of an antimicrobial drug on lung microbiota in healthy dogs. <i>Heliyon</i> , 2019, 5, e02802.	1.4	13
153	Lung Microbiome in Asthma: Current Perspectives. <i>Journal of Clinical Medicine</i> , 2019, 8, 1967.	1.0	51
154	Dysbiosis of lower respiratory tract microbiome are associated with inflammation and microbial function variety. <i>Respiratory Research</i> , 2019, 20, 272.	1.4	62
155	The lung microbiome and transplantation. <i>Current Opinion in Organ Transplantation</i> , 2019, 24, 305-310.	0.8	14
156	The microbiome. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 412-420.	0.9	22
157	The Human Respiratory Microbiome: The End of the Beginning?. , 2019, , 87-97.		0
158	Microbial communities in swine lungs and their association with lung lesions. <i>Microbial Biotechnology</i> , 2019, 12, 289-304.	2.0	24
159	The microbiome in asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 122, 270-275.	0.5	65
160	The Human Microbiota and Asthma. <i>Clinical Reviews in Allergy and Immunology</i> , 2019, 57, 350-363.	2.9	92
161	Airway microbiome in adult survivors of extremely preterm birth: the EPICure study. <i>European Respiratory Journal</i> , 2019, 53, 1801225.	3.1	20
162	Characterising the respiratory microbiome. <i>European Respiratory Journal</i> , 2019, 53, 1801711.	3.1	24
163	Invited Review: From nose to gut â€œ the role of the microbiome in neurological disease. <i>Neuropathology and Applied Neurobiology</i> , 2019, 45, 195-215.	1.8	71
164	The contribution of respiratory microbiome analysis to a treatable traits model of care. <i>Respirology</i> , 2019, 24, 19-28.	1.3	8
165	High-throughput 16S rDNA sequencing of the pulmonary microbiome of rats with allergic asthma. <i>Genes and Diseases</i> , 2020, 7, 272-282.	1.5	8
166	The impact of lung microbiota dysbiosis on inflammation. <i>Immunology</i> , 2020, 159, 156-166.	2.0	45

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167	Pathogenesis of HIV-Related Lung Disease: Immunity, Infection, and Inflammation. <i>Physiological Reviews</i> , 2020, 100, 603-632.	13.1	92
168	Hypoxia-inducible factor and bacterial infections in chronic obstructive pulmonary disease. <i>Respirology</i> , 2020, 25, 53-63.	1.3	37
169	Methods in Lung Microbiome Research. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 283-299.	1.4	94
170	The Airway Microbiome and Bronchopulmonary Dysplasia. , 2020, , 151-162.		0
171	MAIT Cells Promote Tumor Initiation, Growth, and Metastases via Tumor MR1. <i>Cancer Discovery</i> , 2020, 10, 124-141.	7.7	101
172	Regulation of mononuclear phagocyte function by the microbiota at mucosal sites. <i>Immunology</i> , 2020, 159, 26-38.	2.0	20
173	The Human Respiratory System and its Microbiome at a Glimpse. <i>Biology</i> , 2020, 9, 318.	1.3	113
174	Zoonotic evolution and implications of microbiome in viral transmission and infection. <i>Virus Research</i> , 2020, 290, 198175.	1.1	12
175	Microbiota-derived metabolites as diagnostic markers for respiratory fungal infections. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113473.	1.4	6
176	The Pulmonary Microbiome in Cystic Fibrosis. , 2020, , .		0
177	Cardiorespiratory performance capacity and airway microbiome in patients following primary repair of esophageal atresia. <i>Pediatric Research</i> , 2021, 90, 66-73.	1.1	5
178	The Impact of the Microbiome on Immunity to Vaccination in Humans. <i>Cell Host and Microbe</i> , 2020, 28, 169-179.	5.1	104
179	Respiratory microbiota of humpback whales may be reduced in diversity and richness the longer they fast. <i>Scientific Reports</i> , 2020, 10, 12645.	1.6	15
180	Free-Flow Isoelectric Focusing for Comprehensive Separation and Analysis of Human Salivary Microbiome for Lung Cancer. <i>Analytical Chemistry</i> , 2020, 92, 12017-12025.	3.2	14
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182	Enrichment of the airway microbiome in people living with HIV with potential pathogenic bacteria despite antiretroviral therapy. <i>EClinicalMedicine</i> , 2020, 24, 100427.	3.2	4
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