

# Adenoid Reservoir for Pathogenic Biofilm Bacteria

Journal of Clinical Microbiology

49, 1411-1420

DOI: [10.1128/jcm.00756-10](https://doi.org/10.1128/jcm.00756-10)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Non-Typeable Haemophilus influenzae Invasion and Persistence in the Human Respiratory Tract. <i>Frontiers in Cellular and Infection Microbiology</i> , 2011, 1, 1.	1.8	96
2	RbsB (NTHI_0632) mediates quorum signal uptake in nontypeable Haemophilus influenzae strain 86-028NP. <i>Molecular Microbiology</i> , 2011, 82, 836-850.	1.2	63
3	Biofilm and planktonic pneumococci demonstrate disparate immunoreactivity to human convalescent sera. <i>BMC Microbiology</i> , 2011, 11, 245.	1.3	30
4	Characterization of Bacterial Communities in Venous Insufficiency Wounds by Use of Conventional Culture and Molecular Diagnostic Methods. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3812-3819.	1.8	65
5	Otitis Media. <i>Otolaryngology - Head and Neck Surgery</i> , 2011, 145, 707-712.	1.1	15
6	Nasopharyngeal Biofilm-Producing Otopathogens in Children with Nonsevere Recurrent Acute Otitis Media. <i>Otolaryngology - Head and Neck Surgery</i> , 2012, 146, 991-996.	1.1	42
7	Hypertonic Saline is More Effective Than Normal Saline in Seasonal Allergic Rhinitis in Children. <i>International Journal of Immunopathology and Pharmacology</i> , 2012, 25, 721-730.	1.0	40
8	RNA profiling pathogens. <i>Science-Business EXchange</i> , 2012, 5, 408-408.	0.0	0
9	Adenoidectomy in young children and serum IgG antibodies to pneumococcal surface protein A and choline binding protein A. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2012, 76, 1569-1574.	0.4	2
10	Discovering Biofilms: Inquiry-Based Activities for the Classroom. <i>American Biology Teacher</i> , 2012, 74, 305-309.	0.1	4
11	Nontypeable Haemophilus influenzae biofilms: role in chronic airway infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 97.	1.8	84
12	Introduction to Biofilms in Family Medicine. <i>Southern Medical Journal</i> , 2012, 105, 24-29.	0.3	6
13	Clinical Application of Treating Biofilms-Associated Infections in Family Medicine. <i>Southern Medical Journal</i> , 2012, 105, 30-35.	0.3	3
14	Biofilm formation in <i>Streptococcus pneumoniae</i> . <i>Microbial Biotechnology</i> , 2012, 5, 455-465.	2.0	76
15	Towards diagnostic guidelines for biofilm-associated infections. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 65, 127-145.	2.7	288
16	Management of chronic rhinosinusitis. <i>Pediatric Allergy and Immunology</i> , 2012, 23, 32-44.	1.1	18
17	The in vivo biofilm. <i>Trends in Microbiology</i> , 2013, 21, 466-474.	3.5	603
18	Regrowth of the adenoids after coblation adenoidectomy: Cephalometric analysis. <i>Laryngoscope</i> , 2013, 123, 2567-2572.	1.1	37

#	ARTICLE	IF	CITATIONS
19	Genetic and functional evidence for a role for SLC11A1 in susceptibility to otitis media in early childhood in a Western Australian population. <i>Infection, Genetics and Evolution</i> , 2013, 16, 411-418.	1.0	7
20	Novel pharmacological approaches for treatment of obstructive sleep apnea in children. <i>Expert Opinion on Investigational Drugs</i> , 2013, 22, 71-85.	1.9	30
21	16<scp>S rRNA</scp> survey revealed complex bacterial communities and evidence of bacterial interference on human adenoids. <i>Environmental Microbiology</i> , 2013, 15, 535-547.	1.8	39
22	Role of adenoid biofilm in chronic otitis media with effusion in children. <i>European Archives of Oto-Rhino-Laryngology</i> , 2013, 270, 2417-2425.	0.8	60
23	The role of bacterial biofilms in chronic infections. <i>Apmis</i> , 2013, 121, 1-58.	0.9	821
24	Panel 5. Otolaryngology - Head and Neck Surgery, 2013, 148, E64-E89.	1.1	15
25	Topographic Distribution of Biofilm-Producing Bacteria in Adenoid Subsites of Children with Chronic or Recurrent Middle Ear Infections. <i>Annals of Otology, Rhinology and Laryngology</i> , 2013, 122, 109-113.	0.6	30
26	Microbiological Profile of Adenoid Hypertrophy Correlates to Clinical Diagnosis in Children. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	22
27	Panel 3: Recent Advances in Anatomy, Pathology, and Cell Biology in Relation to Otitis Media Pathogenesis. <i>Otolaryngology - Head and Neck Surgery</i> , 2013, 148, E37-51.	1.1	22
28	New Paradigms in the Pathogenesis of Otitis Media in Children. <i>Frontiers in Pediatrics</i> , 2013, 1, 52.	0.9	57
29	Cellular interaction of nontypeable <i>Haemophilus influenzae</i> triggers cytotoxicity of infected type II alveolar cells via apoptosis. <i>Pathogens and Disease</i> , 2014, 73, n/a-n/a.	0.8	5
30	Novel Pharmacological Approaches for Treatment of Obstructive Sleep Apnea. , 2014, , 295-300.		0
31	What role do periodontal pathogens play in osteoarthritis and periprosthetic joint infections of the knee?. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2014, 12, 13-20.	0.7	22
32	Can We Trust Intraoperative Culture Results in Nonunions?. <i>Journal of Orthopaedic Trauma</i> , 2014, 28, 384-390.	0.7	81
33	Imaging Bacteria and Biofilms on Hardware and Periprosthetic Tissue in Orthopedic Infections. <i>Methods in Molecular Biology</i> , 2014, 1147, 105-126.	0.4	23
34	Identification of Intracellular Bacteria in Adenoid and Tonsil Tissue Specimens: The Efficiency of Culture Versus Fluorescent In Situ Hybridization (FISH). <i>Current Microbiology</i> , 2014, 68, 21-29.	1.0	23
35	Potential role of biofilms in deep cervical abscess. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 10-13.	0.4	17
36	Diagnosis of Prosthetic Joint Infection by Use of PCR-Electrospray Ionization Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2014, 52, 642-649.	1.8	54

#	ARTICLE	IF	CITATIONS
37	A scanning electron microscope characterisation of biofilm on failed craniofacial osteosynthesis miniplates. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, e372-e378.	0.7	17
39	Adenoid Vegetations – Reservoir of Bacteria for Chronic Otitis Media with Effusion and Chronic Rhinosinusitis. <i>Prilozi - Makedonska Akademija Na Naukite I Umetnostite Oddelenie Za Medicinski Nauki</i> , 2015, 36, 71-76.	0.2	11
40	The bacterial interactions in the nasopharynx of children receiving adenoidectomy. <i>BioMedicine</i>		

#	ARTICLE	IF	CITATIONS
56	Parallel Evolution in <i>Streptococcus pneumoniae</i> Biofilms. <i>Genome Biology and Evolution</i> , 2016, 8, 1316-1326.	1.1	8
57	Polymerase Chain Reactionâ€“Electrosprayâ€“Time-of-Flight Mass Spectrometry Versus Culture for Bacterial Detection in Septic Arthritis and Osteoarthritis. <i>Genetic Testing and Molecular Biomarkers</i> , 2016, 20, 721-731.	0.3	16
58	Low Concentrations of Nitric Oxide Modulate <i>Streptococcus pneumoniae</i> Biofilm Metabolism and Antibiotic Tolerance. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2456-2466.	1.4	27
59	Inhaled Antibiotic Therapy for the Treatment of Upper Respiratory Tract Infections. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2017, 30, 14-19.	0.7	11
60	In Vitro and In Vivo Biofilm Formation by Pathogenic <i>Streptococci</i> . <i>Methods in Molecular Biology</i> , 2017, 1535, 285-299.	0.4	9
61	<i>Haemophilus influenzae</i> biofilms in primary ciliary dyskinesia: a moving story. <i>European Respiratory Journal</i> , 2017, 50, 1701369.	3.1	1
62	Primary ciliary dyskinesia ciliated airway cells show increased susceptibility to <i>Haemophilus influenzae</i> biofilm formation. <i>European Respiratory Journal</i> , 2017, 50, 1700612.	3.1	31
63	Antimicrobial activity of antisense peptideâ€“peptide nucleic acid conjugates against non-typeable <i>Haemophilus influenzae</i> in planktonic and biofilm forms. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 137-144.	1.3	33
64	The pathogens profile in children with otitis media with effusion and adenoid hypertrophy. <i>PLoS ONE</i> , 2017, 12, e0171049.	1.1	66
65	Our experience of the necessity of adenoidectomy or adenotonsillectomy at the time of ventilation tube insertion in 11 941 children with middle ear effusion. <i>Clinical Otolaryngology</i> , 2018, 43, 1167-1171.	0.6	1
66	Preventive nasal bacteriotherapy for the treatment of upper respiratory tract infections and sleep disordered breathing in children. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 110, 43-47.	0.4	5
67	Direct Analysis of Pathogenic Structures Affixed to the Tympanic Membrane during Chronic Otitis Media. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 159, 117-126.	1.1	25
68	The Relationship between Colonization by <i>Moraxella catarrhalis</i> and Tonsillar Hypertrophy. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2018, 2018, 1-9.	0.7	9
69	Paired analysis of the microbiota between surface tissue swabs and biopsies from pediatric patients undergoing adenotonsillectomy. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 113, 51-57.	0.4	17
70	Increased anti-EBV VCA IgG antibody levels are associated with need for surgery in patients developing upper respiratory tract complications. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 111, 84-88.	0.4	0
71	Adenotonsillar microbiome: an update. <i>Postgraduate Medical Journal</i> , 2018, 94, 398-403.	0.9	43
72	The bacteriome of otitis media with effusion: Does it originate from the adenoid?. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 126, 109624.	0.4	21
73	Otitis media pathogens â€“ A life entrapped in biofilm communities. <i>Critical Reviews in Microbiology</i> , 2019, 45, 595-612.	2.7	25

#	ARTICLE	IF	CITATIONS
74	Role of Biofilms in Children with Chronic Adenoiditis and Middle Ear Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 671.	1.0	21
75	Evaluation of bacterial presence on lead X-ray aprons utilised in the operating room via IBIS and standard culture methods. <i>Journal of Infection Prevention</i> , 2019, 20, 191-196.	0.5	4
76	The Adenoids but Not the Palatine Tonsils Serve as a Reservoir for Bacteria Associated with Secretory Otitis Media in Small Children. <i>MSystems</i> , 2019, 4, .	1.7	21
77	Bacterial biofilm in adenoids of children with chronic otitis media. Part I: a case control study of prevalence of biofilms in adenoids, risk factors and middle ear biofilms. <i>Acta Oto-Laryngologica</i> , 2019, 139, 345-350.	0.3	15
78	Differential IL-17A response to <i>S. pneumoniae</i> in adenoid tissue of children with sleep disordered breathing and otitis media with effusion. <i>Scientific Reports</i> , 2019, 9, 19839.	1.6	5
79	Pathogen reservoir hypothesis investigated by analyses of the adenotonsillar and middle ear microbiota. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 118, 103-109.	0.4	30
80	Biofilm production by <i>Haemophilus influenzae</i> and <i>Streptococcus pneumoniae</i> isolated from the nasopharynx of children with acute otitis media. <i>BMC Infectious Diseases</i> , 2019, 19, 44.	1.3	30
81	Deletion of genes involved in the ketogluconate metabolism, Entner-Doudoroff pathway, and glucose dehydrogenase increase local and invasive virulence phenotypes in <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2019, 14, e0209688.	1.1	10
82	Clinical characteristics of obstructive sleep apnea versus infectious adenotonsillar hyperplasia in children. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 116, 177-180.	0.4	13
83	The effects of radiofrequency on the bacteriological and histological characteristics of tonsils in patients with chronic and persistent tonsillitis. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2020, 41, 102657.	0.6	1
84	Determination of antibiotic resistance genes, immune evasion cluster and agr types among <i>Staphylococcus aureus</i> strains isolated from children with adenoiditis. <i>Gene Reports</i> , 2020, 21, 100875.	0.4	2
85	Antimicrobial Photodynamic Therapy with Chlorin e6 Is Bactericidal against Biofilms of the Primary Human Otopathogens. <i>MSphere</i> , 2020, 5, .	1.3	25
86	Upper Respiratory Tract Microbiome and Otitis Media Intertalk: Lessons from the Literature. <i>Journal of Clinical Medicine</i> , 2020, 9, 2845.	1.0	11
87	Bacterial biofilm in adenoids of children with chronic otitis media. Part II: a caseâ€“control study of nasopharyngeal microbiota, virulence, and resistance of biofilms in adenoids. <i>Acta Oto-Laryngologica</i> , 2020, 140, 220-224.	0.3	4
88	Question 5: Which children with OSA should be considered for medical therapy?. <i>Paediatric Respiratory Reviews</i> , 2021, 37, 64-67.	1.2	1
89	Dysregulation of immune response in otitis media. <i>Expert Reviews in Molecular Medicine</i> , 2021, 23, e10.	1.6	7
90	Elimination and irrigation therapy to optimize the state of the nasal microbiome in children. <i>Meditsinskiy Sovet</i> , 2021, , 50-58.	0.1	0
91	Detection of respiratory viruses in primary cholesteatoma tissues. <i>Journal of Medical Virology</i> , 2021, 93, 6132-6139.	2.5	2

#	ARTICLE	IF	CITATIONS
92	Assessment of sleep-disordered breathing in pediatric otitis media with effusion. <i>Pediatrics and Neonatology</i> , 2021, , .	0.3	3
93	Characteristics of the bacterial microbiota in the upper respiratory tract of children. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 1081-1089.	0.8	3
94	Tissue microbiota in nasopharyngeal adenoid and its association with pneumococcal carriage. <i>Microbial Pathogenesis</i> , 2021, 157, 104999.	1.3	4
95	Bacterial DNA screening to characterize surgical site infection risk in orthopaedic patients. <i>Journal of Orthopaedics</i> , 2021, 27, 56-62.	0.6	0
96	Vascular endothelial growth factor and transforming growth factor $\beta$ in hypertrophic adenoids in children suffering from otitis media with effusion. <i>Cytokine</i> , 2020, 133, 155125.	1.4	5
97	Noninvasive in vivo optical coherence tomography tracking of chronic otitis media in pediatric subjects after surgical intervention. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	1.4	37
98	Pronounced Metabolic Changes in Adaptation to Biofilm Growth by <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2014, 9, e107015.	1.1	42
99	3D Reconstruction of the Human Airway Mucosa In Vitro as an Experimental Model to Study NTHi Infections. <i>PLoS ONE</i> , 2016, 11, e0153985.	1.1	39
100	Antibacterial activity of a DNA topoisomerase I inhibitor versus fluoroquinolones in <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2020, 15, e0241780.	1.1	6
101	<i>Streptococcus pneumoniae</i> in the heart subvert the host response through biofilm-mediated resident macrophage killing. <i>PLoS Pathogens</i> , 2017, 13, e1006582.	2.1	62
105	Bacterial Biofilm and its Role in the Pathogenesis of Disease. <i>Antibiotics</i> , 2020, 9, 59.	1.5	465
106	The Adenoid Microbiome in Recurrent Acute Otitis Media and Obstructive Sleep Apnea. <i>Journal of International Advanced Otolaryngology</i> , 2017, 13, 333-339.	1.0	16
107	Corticosteroids and Leukotriene Modifiers in Pediatric SDB. , 2012, , 521-529.		0
111	Nasopharynx Recurrent Disease Prevention in Children with Lymphopharyngeal Ring Hyperplasia. <i>Zdovroŕe Rebenka</i> , 2016, .	0.0	1
112	Comparative Study between Adenoidectomy with Myringotomy and Adenoidectomy with Ventilation Tube Insertion in Management of Secretory Otitis Media. <i>The Egyptian Journal of Hospital Medicine</i> , 2019, 74, 1322-1329.	0.0	0
113	Tosufloxacin for Eradicating Biofilm-Forming Nontypeable <i>Haemophilus influenzae</i> Isolated from Intractable Acute Otitis Media. <i>Jundishapur Journal of Microbiology</i> , 2019, In Press, .	0.2	0
114	Identification and Detection of Pathogenic Bacteria in Adenoid Tissue of Adenoidectomized Children: Emergence of <i>Staphylococcus aureus</i> as the Most Prevalent Pathogen. <i>Jundishapur Journal of Microbiology</i> , 2020, 13, .	0.2	0
115	Beyond the pan-genome: current perspectives on the functional and practical outcomes of the distributed genome hypothesis. <i>Biochemical Society Transactions</i> , 2020, 48, 2437-2455.	1.6	5

#	ARTICLE	IF	CITATIONS
116	Assessment of Friedman Classification by Measuring Actual Tonsil Size During Surgery. <i>Journal of Rhinology</i> , 2020, 27, 122-126.	0.1	0
118	Adenoidal bacterial biofilm in pediatric rhinosinusitis. <i>Romanian Journal of Morphology and Embryology</i> , 2022, 62, 481-489.	0.4	5
119	Access to highly specialized growth substrates and production of epithelial immunomodulatory metabolites determine survival of <i>Haemophilus influenzae</i> in human airway epithelial cells. <i>PLoS Pathogens</i> , 2022, 18, e1010209.	2.1	7
120	Bacterial Identification and Visualization of Bacterial Biofilms Adjacent to Fracture Sites After Internal Fixation. <i>Genetic Testing and Molecular Biomarkers</i> , 2022, 26, 70-80.	0.3	3
122	Fluorescence in situ hybridisation in Carnoyâ€™s fixed tonsil tissue. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
123	Mucosal immune cell populations and the bacteriome of adenoids and tonsils from people living with HIV on suppressive antiretroviral therapy. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0
124	Biofilm aggregates and the host airway-microbial interface. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	12
125	Recurrent Acute Otitis Media Environmental Risk Factors: A Literature Review from the Microbiota Point of View. <i>Applied Microbiology</i> , 2022, 2, 594-613.	0.7	2
126	Characteristics of salivary microbiota in children with obstructive sleep apnea: A prospective study with polysomnography. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	1
127	Immortelle ( <i>Helichrysum italicum</i> (Roth) G. Don) Essential Oil Showed Antibacterial and Biofilm Inhibitory Activity against Respiratory Tract Pathogens. <i>Molecules</i> , 2022, 27, 5518.	1.7	10
128	Antibiotic Tolerance Indicative of Persistence Is Pervasive among Clinical <i>Streptococcus pneumoniae</i> Isolates and Shows Strong Condition Dependence. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	2
129	Changes in the oral and nasal microbiota in pediatric obstructive sleep apnea. <i>Journal of Oral Microbiology</i> , 2023, 15, .	1.2	3
134	Functional Wound Healing. , 2023, , 385-404.		1
135	The Role of Immunity in the Development of Otitis Media. , 2023, , 75-79.		0