

YEAR	TITLE	REFERENCE	PMID
2018	The expression of Mirc1/Mir17-92 cluster in sputum samples correlates with pulmonary exacerbations in cystic fibrosis patients.	Krause K, Kopp BT , Tazi MF, Caution K, Hamilton K, Badr A, Shrestha C, Tumin D, Hayes D Jr , Robledo-Avila F , Hall-Stoodley L , Klamer BG, Zhang X, Partida-Sanchez S , Parinandi NL , Kirkby SE , Dakhllallah D, McCoy KS , Cormet-Boyaka E , Amer AO . J Cyst Fibros. 2018 Jul;17(4):454-461. doi:10.1016/j.jcf.2017.11.005. Epub 2017 Dec 11.	29241629
2018	CASP4/caspase-11 promotes autophagosome formation in response to bacterial infection.	Krause K, Caution K, Badr A, Hamilton K, Saleh A, Patel K, Seveau S, Hall-Stoodley L , Hegazi R, Zhang X, Gavrillin MA, Amer AO . Autophagy. 2018;14(11):1928-1942. doi: 10.1080/15548627.2018.1491494. Epub 2018 Aug 31.	30165781
2018	Checks and balances between autophagy and inflammasomes during infection.	Seveau S, Turner J, Gavrillin MA, Torrelles JB , Hall-Stoodley L , Yount JS, Amer AO . J Mol Biol. 2018 Jan 19;430(2):174-192. doi: 10.1016/j.jmb.2017.11.006. Epub 2017 Nov 21.	29162504
2018	Nontypeable Haemophilus influenzae (NTHi).	Bakaletz LO , Novotny LA. Trends Microbiol. 2018 Aug;26(8):727-728. doi: 10.1016/j.tim.2018.05.001. Epub May 21.	29793827
2018	Monocyte-derived alveolar macrophages: the dark side of lung repair?	McQuattie-Pimentel AC, Budinger GRS, Ballinger MN . Am J Respir Cell Mol Biol. 2018 Jan;58(1):5-6. doi: 10.1165/rcmb.2017-0328ED.	29286855
2018	The psychoactive substance of cannabis delta9-tetrahydrocannabinol (THC) negatively regulates CFTR in airway cells.	Chang SW, Wellmerling J, Zhang X, Rayner RE, Osman W, Mertz S, Amer AO , Peeples ME , Boyaka PN , Cormet-Boyaka E . Biochim Biophys Acta Gen Subj. 2018 Sep;1862(9):1988-1994. doi: 10.1016/j.bbagen.2018.06.008.	29928919
2018	Mycobacterium abscessus smooth and rough morphotypes form antimicrobial-tolerant biofilm phenotypes but are killed by acetic acid	Clary G, Sasindran SJ, Nesbitt N, Mason L, Cole S, Azad A, McCoy K , Schlesinger LS , Hall-Stoodley L . Antimicrob Agents Chemother. 2018 Feb 23;62(3). pii: e01782-17. doi: 10.1128/AAC.01782-17.	29311080
2018	Risks associated with lung transplantation in cystic fibrosis patients.	Li SS, Tumin D, Miller R, Kirkby S , Ghalla T, Tobias JD, Hayes D Jr . Expert Rev Respir Med. 2018 Nov;12(11):893-904. doi: 10.1080/17476348.2018.1522254. Epub 2018 Sep 21.	30198350
2018	Sedation with Propofol for bronchoscopy in cystic fibrosis lung transplant recipients.	Ho C, Hayes D Jr , Khosravi M, Splaingard ML, Tumin D, Lloyd EA. Lung. 2018 Aug;196(4):435-439. doi: 10.1007/s00408-0119-5. Epub May 24.	29797070

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2018	Timing of spirometry may impact hospital length of stay for cystic fibrosis pulmonary exacerbation.	Krivchenia K, Tumin D, Nemastil CJ, Tobias JD, Hayes D Jr. Lung. 2018 Apr;196(2):207-211. doi: 10.1007/s00408-018-0082-1. Epub 2018 Jan 18.	29349537
2018	Magnetic resonance elastography demonstrates elevated liver stiffness in cystic fibrosis patients.	Hayes D Jr, Krishnamurthy R, Hu HH. J Cyst Fibros. 2018 Sep 20. pii: S1569-1993(18)30758-6. doi: 10.1016/j.jcf.2018.08.010. [Epub ahead of print]	30245262
2018	Improved lung function after sinus surgery in cystic fibrosis patients with moderate obstruction.	Khalfoun S, Tumin D, Ghossein M, Lind M, Hayes D Jr, Kirkby S. Otolaryngol Head Neck Surg. 2018 Feb;158(2):381-385. doi: 10.1177/0194599817739284. Epub 2017 Nov 28.	29182491
2018	Metabolomic responses to lumacaftor/ivacaftor in cystic fibrosis.	Kopp BT, McCulloch S, Shrestha CL, Zhang S, Sarzynski L, Woodley FW, Hayes D Jr. Pediatr Pulmonol. 2018 May;53(5):583-591. doi: 10.1002/ppul.23972. Epub 2-18 Feb 20.	29461009
2018	AR-13 reduces antibiotic-resistant bacterial burden in cystic fibrosis phagocytes and improves cystic fibrosis transmembrane conductance regulator function.	Assani K, Shrestha CL, Rinehardt H, Zhang S, Robledo-Avila F, Wellmerling J, Partida-Sanchez S, Cornet-Boyaka E, Reynolds SD, Schlesinger LS, Kopp BT. J Cyst Fibros. 2018 Oct 23. pii: S1569-1993(18)30869-5. doi: 10.1016/j.jcf.2018.10.010. [Epub ahead of print]	30366849
2018	Cystic fibrosis transmembrane conductance regulator (CFTR) modulators have differential effects on cystic fibrosis macrophage function.	Zhang S, Shrestha CL, Kopp BT. Sci Rep. 2018 Nov 20;8(1):17066. doi:10.1038/s41598-018-35151-7.	30459435
2018	Effects of an Antioxidant-enriched Multivitamin in Cystic Fibrosis: Randomized, Controlled, Multicenter Trial.	Sagel SD, Khan U, Jain R, Graff G, Daines CL, Dunitz JM, Borowitz D, Orenstein DM, Abdulhamid I, Noe J, Clancy JP, Slovis B, Rock MJ, McCoy KS, Strausbaugh S, Livingston FR, Papas KA, Shaffer ML. Am J Respir Crit Care Med. 2018 Apr 24. doi: 10.1164/rccm.201801-0105OC. [Epub ahead of print]	29688760
2018	Meropenem time above the MIC exposure is predictive of response in cystic fibrosis children with acute pulmonary exacerbations.	Kuti JL, Pettit RS, Neu N, Cies JJ, Lapin C, Muhlebach MS, Novak KJ, Nguyen ST, Saiman L, Nicolau DP. Diagn Microbiol Infect Dis. 2018;91(3):294-297.	29661528
2018	Dysregulated Calcium Homeostasis in Cystic Fibrosis Neutrophils Leads to Deficient Antimicrobial Responses.	Robledo-Avila FH, Ruiz-Rosado JD, Brockman KL, Kopp BT, Amer AO, McCoy K, Bakaletz LO, Partida-Sanchez S. J Immunol. 2018 Oct 1;201(7):2016-2027. doi: 10.4049/jimmunol.1800076. Epub 2018 Aug 17.	30120123

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2018	Respiratory Syncytial Virus Uses CX3CR1 as a Receptor on Primary Human Airway Epithelial Cultures.	Johnson SM, McNally BA, Ioannidis I, Flano E, Teng MN, Oomens AG, Walsh EE, Peebles ME . 2015. PLoS Pathog. 2015 Dec 11;11(12):e1005318. doi: 10.1371/journal.ppat.1005318. eCollection 2015 Dec.	26658574
2018	Regulation of Human Airway Epithelial Tissue Stem Cell Differentiation by β -Catenin, P300, and CBP.	Malleske DT, Hayes D Jr , Lallier SW, Hill CL, Reynolds SD . Stem Cells. 2018 Dec;36(12):1905-1916. doi: 10.1002/stem.2906. Epub 2018 Nov 12.	30171668
2018	The wound healing capacity of undifferentiated and differentiated airway epithelial cells in vitro.	Schwartz CM, Dorn BA, Habtemariam S, Hill CL, Chiang T, Reynolds SD . Int J Pediatr Otorhinolaryngol. 2018 Sep;112:163-168. doi: 10.1016/j.ijporl.2018.07.006. Epub 2018 Jul 6.	30055727
2018	Understanding the evolving phenotype of vascular complications in telomere biology disorders.	Higgs C, Crow YJ, Adams DM, Chang E, Hayes D Jr , Herbig U, Huang JN, Himes R, Jajoo K, Johnson FB, Reynolds SD , Yonekawa Y, Armanios M, Roulad F, DiNardo CD, Dufour C, Goldman FD, Khan S, Kratz C, Myers KC, Raghu G, Alter BP, Aubert G, Bhala S, Cowen EW, Dror Y, El-Youssef M, Friedman B, Giri N, Helms Guba L, Khincha PP, Lin TF, Longhurst H, McReynolds LJ, Nelson A, Olson T, Pariser A, Perona R, Sasa G, Schratz K, Simonetto DA, Townsley D, Walsh M, Stevens K, Agarwal S, Bertuch AA, Savage SA; Clinical Care Consortium for Telomere-associated Ailments (CCCTAA). Angiogenesis. 2018 Aug 25. doi: 10.1007/s10456-018-9640-7.	30168024
2018	Mixed communities of mucoid and nonmucoid <i>Pseudomonas aeruginosa</i> exhibit enhanced resistance to host antimicrobials.	Malhotra S, Limoli DH, English AE, Parset MR, Wozniak DJ . MBio. 2018 Mar 27;9(2). pii: e00275-18. doi: 10.1128/mBio.00275-18.	29588399
2018	CdrA interactions within the <i>Pseudomonas aeruginosa</i> biofilm matrix safeguard it from proteolysis and promote cellular packing.	Reichhardt C, Wong C, Passos da Silva D, Wozniak DJ , Parsek MR. MBio. 2018 Sep 25;9(5). pii: e01376-18. doi: 10.1128/mBio.01376-18.	30254118
2018	Viscoelastic properties of <i>Pseudomonas aeruginosa</i> variant biofilms.	Gloag ES , German GK, Stoodley P , Wozniak DJ . Sci Rep. 2018 Jun 26;8(1):9691. doi: 10.1038/s41598-018-28009-5.	29946126
2018	<i>Staphylococcus aureus</i> biofilms release leukocidins to elicit extracellular trap formation and evade neutrophil-mediated killing.	Bhattacharya M, Berends ETM, Chan R, Schwab E, Roy S, Sen CK, Torres VJ, Wozniak DJ . Proc Natl Acad Sci U S A. 2018 Jul 10;115(28):7416-7421. doi: 10.1073/pnas.1721949115. Epub 2018 Jun 25.	29941565

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2018	Publisher Correction: Anti-Psl targeting of Pseudomonas aeruginosa biofilms for neutrophil-mediated disruption.	Ray VA, Hill PJ, Stover CK, Roy S, Sen CK, Yu L, Wozniak DJ , DiGiandomenico A. Sci Rep. 2018 Jun 20;8(1):9637. doi: 10.1038/s41598-018-26660-6.	29925842
2018	Synthesis and anti-Staphylococcal activity of novel bacterial topoisomerase inhibitors with a 5-amino-1,3-dioxane linker moiety.	Li L, Okumu A, Dellos-Nolan S, Li Z, Soumendrakrishna K, Yalowich JC, Wozniak DJ , Mitton-Fry MJ . Bioorg Med Chem Lett. 2018 Aug 1;28(14):2477-2480. doi: 10.1016/j.bmcl.2018.06.003. Epub 2018 Jun 1.	29871847