

Pulmonary Publications 2025

Title	Authors	Link / citation
1. Feasibility and resource utilization of nurse-administered subcutaneous immunoglobulin therapy in antibody deficiency: A cross-sectional study	Darshee Ghia, Pranavi Thota, Taylor Ritchie, Heli Rana, Ranvir Minhas, Jalal Moolji , Bruce Ritchie, Adil Adatia	PLoS ONE 20(1): e0316797. https://doi.org/10.1371/journal.pone.0316797
2. Steatotic liver disease diagnosed in a 24-year-old woman with Rett syndrome: a case report.	Albino L, Adatia A , Thiesen A, Halloran B, Dong V, Moctezuma-Velázquez C.	J Int Med Res. 2025 Jan;53(1):3000605241310158. doi: 10.1177/03000605241310158. PMID: 39804933; PMCID: PMC11729437. https://journals.sagepub.com/doi/10.1177/03000605241310158
3. Future treatment paradigms in pulmonary arterial hypertension: a personal view from physicians, health authorities, and patients.	Rahaghi FF, Humbert M, Hoeper MM, White RJ, Frantz RP, Hassoun PM, Hemnes AR, Kawut SM, McLaughlin VV, Meszaros G, Mol PGM, Nathan SD, Psotka MA, Rahaghi FN, Sitbon O, Stockbridge N, Weatherald J , Zannad F, Sahay S.	Lancet Respir Med. 2025 Feb 20:S2213-2600(24)00425-9. doi: 10.1016/S2213-2600(24)00425-9. Epub ahead of print. PMID: 39987941. https://doi.org/10.1016/S2213-2600(24)00425-9
4. Hereditary Angioedema with Normal C1 Inhibitor: an Updated International Consensus Paper on Diagnosis, Pathophysiology, and Treatment.	Bruce L. Zuraw, Konrad Bork, Laurence Bouillet, Sandra C. Christiansen, Henriette Farkas, Anastasios E. Germenis, Anete S. Grumach, Allen Kaplan, Alberto López-Lera, Markus Mager, Marc A. Ried, Adil Adatia, Aleena Banerji, Stephen Betschel, Isabelle Boccon-Gibod, Maria Bova, Henrik Balle Boysen, Teresa Caballero, Mauro Cancian, Anthony J. Castaldo, Danny M. Cohn, Deborah Corcoran, Christian Drouet, Atsushi Fukunaga, Michihiro Hide, Constance H. Katelaris, Philip H. Li, Hilary Longhurst, Jonny Peter, Fotis Psarros, Avner Reshef, Bruce Ritchie, Christine N. Selva, Andrea Zanichelli, Marcus Maurer	<i>Clinic Rev Allerg Immunol</i> 68 , 24 (2025). https://doi.org/10.1007/s12016-025-09027-4

5. Awake Prone Positioning Meta-Analysis Group. Awake Prone Positioning in Adults With COVID-19: An Individual Participant Data Meta-Analysis.	Luo J, Pavlov I, Tavernier E, Perez Y, Kharat A, McNicholas B, Roca O, Vines DL, Ibarra-Estrada M, Alhazzani W, Lewis K, Simpson SQ, Rampon G, Liu L, Sun Q, Qiu H, Yang Y, Lapadula G, Qian ET, Gatto CL, Rice TW, Parhar KKS, Weatherald J, Walkey AJ, Bosch NA, Nay MA, Boulain T, Fossat G, Harris TRE, Thwaites CL, Phong NT, Bonfanti P, Yarahmadi S, Hashemian SM, Jayakumar D, Taylor SP, Johnson SA, Guerin C, Laffey JG, Ehrmann S, Li J;	JAMA Intern Med. 2025 Mar 10. doi: 10.1001/jamainternmed.2025.0011. Epub ahead of print. PMID: 40063016. https://doi.org/10.1001/jamainternmed.2025.0011
6. Relationship of Pulmonary Vascular Structure and Function With Exercise Capacity in Health and COPD	Collins SÉ, Kirby M, Smith BM, Tan W, Bourbeau J, Thompson S, van Diepen S, Jensen D, Stanojevic S, Stickland MK; CanCOLD Collaborative Research Group and the Canadian Respiratory Research Network.	Chest. 2025 Feb;167(2):402-413. doi: 10.1016/j.chest.2024.09.027. Epub 2024 Oct 3. PMID: 39368737; PMCID: PMC11867894. https://doi.org/10.1016/j.chest.2024.09.027
7. Impact of body posture on pulmonary diffusing capacity at rest and during exercise in endurance-trained and untrained individuals.	Brotto AR, de Waal S, D'Souza AW, Beaudry RI, Ehnes CM, Collins SÉ, Fuhr DP, van Diepen S, Stickland MK.	J Appl Physiol (1985). 2025 Jan 1;138(1):301-310. doi: 10.1152/jappphysiol.00447.2024. Epub 2024 Dec 16. PMID: 39681333. https://doi.org/10.1152/jappphysiol.00447.2024
8. The Canadian Lung Outcomes in Users of Vaping Devices (CLOUD) Study: protocol for a prospective, observational cohort study.	Burns P, Eddy RL, Li X, Yang J, Dhillon SS, Couillard S, Stickland MK, Guenette J, Svenningsen S, Tulloch T, Samji H, Meza R, Struik LL, Aaron S, Ho T, Lam S, Leipsic J, Maclean J, Afshar T, Moraes TJ, Zanette B, Santyr G, Counil FP, Hernandez Cordero AI, Matano S, de Arruda Maluf G, Leung C, Feng C, Bal L, Dhaliwal H, Mumuni A, Lui C, Drew H, Sin DD, Rayment JH, Leung JM.	BMJ Open. 2025 Mar 6;15(3):e100568. doi: 10.1136/bmjopen-2025-100568. PMID: 40050062; PMCID: PMC11887296. https://bmjopen.bmj.com/content/15/3/e100568

9. Pulmonary gas exchange: ventilation-perfusion mismatch, diffusion limitation, and shunt.	Stickland, M.K. , Hopkins, S.R.	IN: On Oxygen. Editors: M.J. Joyner, J.A. Dempsey, 2025. https://doi.org/10.1016/B978-0-443-21877-4.00003-6
10. Mycobacterium abscessus Complex Infections Among Lung Transplant Recipients: A Multicenter Retrospective Cohort Study in Canada.	Bitterman R, Soualhine H, Akochy PM, Poirier C, Ferraro P, Kabbani D, Hirji A , Tyrrell G, Bergeron C, Levy RD, Wright A, Leung V, Singer LG, Chaparro C, Keshavjee S, Richard-Greenblatt M, Husain S, Luong ML	Transpl Infect Dis. 2025 Feb 18:e70003. doi: 10.1111/tid.70003. Epub ahead of print. PMID: 39964168. https://doi.org/10.1111/tid.70003
11. Lung structure and function, post-treatment, in strictly-defined subclinical pulmonary tuberculosis: A prospective cohort study in Canada.	Long R , Collins S, Stickland M , Kirby M, Lau A , Barrie J, Winter C, Armstrong G, Wong E , Parhar A , Yehya J , Bourbeau J, Tan W-C, Doroshenko A	ERJ Open Res 2025 01295-2024 https://doi.org/10.1183/23120541.01295-2024 .
12. Fighting tuberculosis hand in hand: a call to engage communities affected by TB as essential partners in research.	Venkatesan N, Faust L, Lobo R, Enkh-Amgalan H, Kunor T, Sifumba Z, Rane S, O'Brien K, Amin P, Shandal M, Kumar B, Tisile P, Abdullaev T, Nawina C, Mayta M, Patel H, Huong LM, Mehra C, Heitkamp P, Huddart S, Romanowski K, Hiebert M, Zimmer A, MacLean E, Caceres-Cardenas G, Villa Castillo L, Black J, Batchu M, Tschampl CA, Rea E, Campbell T, Heffernan C , Long R , Raithby L, John E, Daftary A, Chorna Y, Zheng A, Martinez L, Kulkarni S, Denkinger CM, Castro MDM, Sulis G, Furin J, McKenna L, Frick M, Nathavitharana RR, Oga-Omenka C, Ananthakrishnan R, Malar J, Ugarte-Gil C, Vandevelde W, Kerkhoff AD, Winarni P, Fox G, Nguyen TA, Teo AKJ, Manisha Yapa H, Pham Ngoc Y, Ratnasingham A, Ananthakrishnan R, Khan U, Alvarez G, Lessem E, Deluca A, Nash M, Nahid P, Pai M, Johnston J, Harries AD, Golub J.	PLOS Glob Public Health. 2025 Apr 9;5(4):e0004437. doi: 10.1371/journal.pgph.0004437. PMID: 40202965; PMCID: PMC11981221 https://journals.plos.org/globalpublichealth/article?id=10.1371/journal.pgph.0004437

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14. Lung Transplantation From Donors with a History of Substance Use	Li, D., Weinkauf, J., Hirji, A., Weatherald, J., Varughese, R., van den Bosch, L, Lien, D. , Nagendran, J., Halloran, K.	Clinical Transplantation, 2025; 39:e70162 https://doi.org/10.1111/ctr.70162
15. Health-related stigma among Indigenous Peoples in Canada: A scoping review.	Rourke L, Damant R , Kung JY, Widney C.	PLoS One. 2025 Apr 21;20(4):e0318618. doi: 10.1371/journal.pone.0318618. PMID: 40258032; PMCID: PMC12011227. https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0318618
16. Drugs targeting novel pathways in pulmonary arterial hypertension.	Sitbon O, Boucly A, Weatherald J , Antigny F, Guignabert C, Jevnikar M, Jaïs X, Price LC, Wilkins MR, Zamanian RT, Savale L, Montani D, Humbert M.	Eur Respir J. 2025 May 8:2401830. doi: 10.1183/13993003.01830-2024. Epub ahead of print. PMID: 40341051. https://publications.ersnet.org/content/erj/early/2025/05/01/1399300301830-2024
17. Pulmonary arterial hypertension and targeting pulmonary vascular remodelling: are we there yet?	Lordan J, Weatherald J .	Eur Respir J. 2025 May 6;65(5):2500322. doi: 10.1183/13993003.00322-2025. PMID: 40335086. https://publications.ersnet.org/content/erj/65/5/2500322?implicit-login=true%26354

18. Living with cystic fibrosis during the COVID-19 pandemic: An interpretive description of healthcare access from patients with cystic fibrosis and their providers in Alberta, Canada.	Brehon K, Hung P, Miciak M, Leung WM , Perreault K, Gross DP, Weatherald J , Ronksley PE, Stickland MK , Lam GY .	PLoS One. 2025 May 2;20(5):e0322911. doi: 10.1371/journal.pone.0322911. PMID: 40315223; PMCID: PMC12047793. https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0322911
19. Maternal asthma and adverse perinatal outcomes: a retrospective analysis of 434,068 pregnancies in Canada	Moitra S, Savu A, Annesi-Maesano I, Garcia-Aymerich J, Lacy P , Metcalfe A, Kaul P.	J. Allergy Clin. Immunol. Pract., in press. doi: 10.1016/j.jaip.2025.04.046. https://www.jaci-inpractice.org/article/S2213-2198(25)00415-5/pdf
20. Associations between artificial light at night and mental health: a systematic review and meta-analysis	Deprato A, Haldar P, Navarro JF, Harding BN, Lacy P , Maidstone R, Moitra S, Cros AP, Durrington H, Kogevinas M, Moitra S, Adan A	Sci. Total Environ. 974:179188. doi: 10.1016/j.scitotenv.2025.179188. https://www.sciencedirect.com/science/article/pii/S004896972500823X?via%3Dihub
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22. Wildfire and wood smoke effects on human airway epithelial cells: a scoping review.	Heibati B, Renz H, Lacy P	Environ. Res. 272:121153. doi: 10.1016/j.envres.2025.121153. https://doi.org/10.1016/j.envres.2025.121153

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25. An Interpretive Description of Patient and Provider Perspectives on the Impact of the COVID-19 Pandemic on Lung Transplant Care Access and Service Delivery in Alberta, Canada.	Brehon K, Hung P, Miciak M, Varughese R, Halloran K, Perreault K, Ronksley PE, Stickland MK, Weatherald J, Gross DP, Lam GY.	J Transplant. 2025 May 22;2025:6850873. doi: 10.1155/joot/6850873. PMID: 40452945; PMCID: PMC12122146. https://onlinelibrary.wiley.com/doi/10.1155/joot/6850873
26. Monoclonal gammopathy in WHIM syndrome can mask hypogammaglobulinemia	Lew, J, Adatia A	Journal of Allergy and Clinical Immunology: Global (2025), doi: https://doi.org/10.1016/j.jacig.2025.100526

27. Psychiatric screening tools in asthma and their barriers to clinical utilization: a systematic review	Widge S, Paquet J, Ling L, Vethanayagam, D	<i>Journal of Asthma</i> , 1–10. https://doi.org/10.1080/02770903.2025.2531499
28. Contrast-enhanced cardiac computed tomography and the presence of intravascular air: a patient safety study.	Samji K, Chandrarathne GS, Khan W, Jones H, Owen R, Vethanayagam D.	J. Clin. Med. 2025, 14, 4842. https://doi.org/10.3390/jcm1414484
29. Refining Lung donor specific antibody-associated risk using donor-derived cell free DNA	Halloran K	J Heart Lung Transplant. 2025 Jun 25:S1053-2498(25)02061-3. doi: 10.1016/j.healun.2025.06.023. https://doi.org/10.1016/j.healun.2025.03.015
30. Impact of reference equations on lung function and outcomes in fibrotic interstitial lung disease	Marcoux V, Mondal P, Adegunsoye A, Strek ME, Assayag D, Fisher JH, Hambly N, Khalil N, Kolb M, Lok SD, Manganas H, Vahidy S , Ryerson CJ, Johansson KA, and Khor Y.	ERJ Open Res. 2025 (In press). Not yet published
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32. Unmet needs in hereditary angioedema: an international survey of physicians.	Buttgereit, T., Aulenbacher, F., Adatia, A. <i>et al.</i>	<i>Orphanet J Rare Dis</i> 20 , 383 (2025). https://doi.org/10.1186/s13023-025-03739-8

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37. Pulmonary capillary blood volume and diffusing membrane capacity during exercise in humans: role of pulmonary artery pressure.	<u>D'Souza, A.W., Brotto, A.R., Hicks, B., Bok, E.,</u> Weatherald, J., Van Diepen, S., and Stickland, M.K.	American Journal of Physiology-Lung Cellular and Molecular Physiology In-Press. https://journals.physiology.org/doi/epdf/10.1152/ajplung.00358.2024

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41. Feasibility of using an automated quality control algorithm for spirometry.	Bowerman, C., Yabar, D., Cuyvers, B., Desbordes, P., Domnik, N.J., Duong, M., Guenette, J.A., Jensen, D., Maksym, G.N., Phillips, D.B., Smith, B.M., Stickland, M., Topalovic, M., and Stanojevic, S	Canadian Journal of Respiratory, Critical Care, and Sleep Medicine. Accepted 2025 https://www.tandfonline.com/doi/pdf/10.1080/24745332.2025.2513021?needAccess=true

42. Asbestosis Requiring Lung Transplantation in a Retired Hairdresser: An Occupational Exposure to Comb Through.	Bu R, Puttagunta L, Halloran K, Weinkauf JG, Lien DC, Laing B, Leung E, Helmersen D, Thakrar MV, Hirji A	Respirol Case Rep. 2025 Jul 16;13(7):e70283. https://doi.org/10.1002/rcr2.70283
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