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Refereed Articles

1. Shapiro AJ, Sillon G, D'Agostino MD, Baret L, López-Giráldez F, Mane S, **Leigh MW**, Davis SD, Knowles MR, and Zariwala MA. HYDIN in plain sight: A seemingly rare primary ciliary dyskinesia gene is common in French-Canadians. *Ann Am Thorac Soc*. In press 2022
2. Sagel SD, Kupfer O, Wagner BD, Davis SD, Dell SD, Ferkol TW, Hoppe JE, Rosenfeld M, Sullivan KM, Tiddens HAWM, Knowles MR, **Leigh MW**. Airway inflammation in children with primary ciliary dyskinesia. *Ann Am Thorac Soc*. 2022 Online ahead of print. (PMID: 35984413)
3. Driessens C, Carr S, Clough E, Copeland F, Dell S, Dixon L, Harris A, Knibb R, Leigh M, Narayanan M, Redfern B, Robson E, Sawras M, Schofield L, Sullivan K, Tipping M, Tran N, Walker W, Lucas JS, Behan L. The Impact on Parents of Diagnosing PCD in Young Children. *J Clin Med* 11:4774, 2022
4. Fecho K, Ahalt SC, Krishnamurthy A, **Leigh M**, Morton K, Knowles M, Pfaff E, Yi H, Wang M. Leveraging open electronic health record data and environmental exposures data to derive insights into rare pulmonary disease. *Front Artif Intell*. 5:918888, 2022 (PMID: 35837616)
5. Wee WB, **Leigh MW**, Davis SD, Rosenfeld M, Sullivan KM, Sawras MG, Ferkol TW, Knowles MR, Milla C, Sagel SD, Zariwala MA, Pullenayegum E, Dell SD. Association of neonatal hospital length of stay with lung function in primary ciliary dyskinesia. *Ann Am Thorac Soc*. Online ahead of print. (PMID: 35657736)
6. Smith AJ, Bustamante-Marin XM, Yin WN, Sears PR, Herring LE, Dicheva N, López-Giráldez F, Mane S, Tarran R, **Leigh MW**, Knowles MR, Zariwala MA, Ostrowski LE. The Role of SPAG1 in the Assembly of Axonemal Dyneins in Human Airway Epithelia. *J Cell Sci*. 135(6):jcs259512, 2022, Online (PMID: 35178554)
7. Ostrowski LE, Yin W, Smith AJ, Sears PR, Bustamante-Marin XM, Dang H, Hildebrandt F, Daniels LA, Capps LA, Sullivan KM, **Leigh MW**, Zariwala MA, Knowles MR. Expression of a Truncated Form of ODAD1 Associated with an Unusually Mild Primary Ciliary Dyskinesia Phenotype. *Int J Mol Sci* 23(3):1753, 2022 (PMID: 35163670; PMC8835943)
8. Wee WB, Kaspy KR, Sawras MG, Knowles MR, Zariwala MA, **Leigh MW**, Dell SD, Shapiro AJ. Going beyond the Chest X-Ray: Investigating laterality defects in Primary Ciliary Dyskinesia. *Pediatr Pulmonol*. 57(5):1318-1324, 2022 (PMID:35122416)
9. Barber AT, Davis SD, Boutros H, Zariwala M, Knowles MR, **Leigh MW**: Use Caution When Interpreting Nasal Nitric Oxide Levels – Overlap between Primary Ciliary Dyskinesia and Primary Immunodeficiency. *Pediatr Pulmonol*. 56:4045-47, 2021. (PMID: 34473915)
10. Zawawi F, Shapiro AJ, Dell SD, Wolter NE, Marchica CL, Knowles MR, Zariwala MA, **Leigh MW**, Smith M, Gajardo P, Daniel SJ. Otolaryngology Manifestations of Primary

Ciliary Dyskinesia: a Multi-Center study. Otolaryngol Head Neck Surg, In press 2021 (PMID: 34154450)

11. Crowley S, Azevedo I, Boon M, Bush A, Eber E, Haarman E, Karadag B, Koetz K, **Leigh MW**, Moreno-Galdó A, Mussaffi-Georgy H, Nielsen KG, Omran H, Papon J, Pohunek P, Priftis K, Rindlisbacher B, Santamaria F, Valiulis A, Witt M, Yiallourous P, Zivkovic Z, Kuehni C, Lucas J for BEAT-PCD. Access to medicines for rare diseases: Beating the drum for primary ciliary dyskinesia, ERJ Open Research, In Press
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13. Pappa AK, Sullivan KM, Lopez EM, Adams KN, Zanation AM, Ebert CS Jr, Thorp BD, Senior BA, **Leigh MW**, Knowles MR, Kimple AJ. Sinus Development and Pneumatization in a Primary Ciliary Dyskinesia Cohort. *Am J Rhinol Allergy*, 35:72-76, 2021. (PMID: 32551925).
14. Wallmeier J, Nielsen KG, Kuehni CE, Lucas J, **Leigh MW**, Zariwala M, Omran H. Motile ciliopathies. *Nat Rev Dis Primers* 2020;6(1):77, 2020. (PMID:32943623)
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17. Shapiro AJ, Dell SD, Gaston B, O'Connor M, Marozkina N, Manion M, Hazucha MJ, **Leigh MW**. Nasal Nitric Oxide Measurement in Primary Ciliary Dyskinesia: A Technical Paper on Standardized Testing Protocols. *Ann Am Thorac Soc*. 17:e1-e12, 2020 (PMID:3177000)
18. Nöthe-Menzen T, Wallmeier J, Pennekamp P, Höben I, Olbrich H, Loges N, Raidt J, Dougherty G, Hjeij R, Dworniczak B, Omran H, and the PCD Study Group (Amirav I, Biebach L, Fabricius D, Griese M, Große-Onnebrink J, Häffner K, Hector A, Jung A, Kaiser-Labusch P, Kaiser T, Keßler C, Kitz R, Knowles M, Koerner-Rettberg C, Kristoffersson U, **Leigh MW**, Mertsch M, Mischo B, Nielsen K, Poeta M, Rietschel E, Roth S, Santamaria S, Schmalstieg C, Schmidts M, Schwarz C, Schwerk N, Seite H, Tebbe J, Werner C, Zariwala M). Randomization of left-right asymmetry and congenital heart defects: the role of *DNAH5* in humans and mice, *Circ Genom Precis Med*. 2019 Oct 22. [Epub ahead of print] (PMID:31638833)

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