

CURRICULUM VITAE

1. Name

First name: Dorota	Last name: Sands
-----------------------	---------------------

2. Present Position with Work Address

Position: Full Professor/ Paediatrician, Pulmonologist	Street address or postal address: Marii Konopnickiej 65
Name of institution or organization: CF Centre SZPZOZ im. Dzieci Warszawy	City & postal/zip code: 05-092 Dziekanów Leśny
Start date (at least year): 2017	Country: Poland

3. Main University Degree(s)

Name of university/institute: Medical Academy City & country: Wroclaw Poland	Degree awarded: Medicine Year of graduation: 1989
Name of university/institute: Instytut Matki i Dziecka City & country: Warsaw Poland	Degree awarded: PhD degree Year of graduation: 1999
City & country: Warsaw Poland Name of university/institute: Instytut Matki i Dziecka	Year of graduation: 2011 Degree awarded: Dozent thesis
City & country: Warsaw Poland Name of university/institute: Instytut Matki i Dziecka	Year of graduation: 2016 Degree awarded: Full Professor

4. Professional Training

Name of university/institute: Instytut Matki i Dziecka	City & country: Warsaw Poland
Qualification: Paediatrics	Dates of attendance: 1993
Name of university/institute: Instytut Matki i Dziecka	City & country: Warsaw Poland
Qualification: Pulmonology	Dates of attendance: 1996
Name of university/institute: Instytut Matki i Dziecka	City & country: Warsaw Poland
Qualification: Allergology	Dates of attendance: 2001

5. Registration/Medical License number (where applicable)

Number: 6177153

6. Previous Appointments

Position: Assistant	Dates: 1989-2001
Institution/organization: Instytut Matki i Dziecka, Klinika Pediatrii	City & country: Warsaw Poland
Position: Pulmonology & Allergology Consultant	Dates: 2001-2011
Institution/organization: Instytut Matki i Dziecka, Klinika Pediatrii	City & country: Warsaw Poland
Position: Head of CF Department	Dates: 2011 - now
Institution/organization: Instytut Matki i Dziecka	City & country: Warsaw Poland
Position: Head of CF Centre	Dates: 2017 - now
Institution/organization: CF Centre SZPZOZ im. Dzieci Warszawy	City & country: Dziekanów Leśny Poland

7 . Collaborative international activities

1. **European Cystic Fibrosis Society**
 - a. **Board (member)**
 - b. **Newborn Screening Working Group (currently member of executive committee)**
 - c. **Diagnostic Network Working Group (member)**
2. **Journal of Cystic Fibrosis - Associate Editor**

8. Selection of peer-reviewed publications within the last 4 years

Sands D, Walicka-Serzysko K, Milczewska J, Postek M, Jeneralska N, Cichocka A, Siedlecka E, Borawska-Kowalczyk U, Morin L. Efficacy of the Simeox® Airway Clearance Technology in the Homecare Treatment of Children with Clinically Stable Cystic Fibrosis: A Randomized Controlled Trial. *Children* (Basel). 2023 Jan 23;10(2):204. doi: 10.3390/children10020204. PMID: 36832333.

Drevinek P, Stepankova K, Wozniacki L, Halasz A, Petrova G, Makukh H, Belinska A, Sands D. Availability of CFTR modulators in countries of Eastern Europe: The reality in 2022. *J Cyst Fibros*. 2022 Nov;21(6):1082-1083. doi: 10.1016/j.jcf.2022.08.014. Epub 2022 Aug 23. PMID: 36028424.

Zybert K, Borawska-Kowalczyk U, Wozniacki L, Dawidziuk M, Ołtarzewski M, Sands D. Clinical complications in children with false-negative results in cystic fibrosis newborn screening. *J Pediatr* (Rio J). 2022 Jul-Aug;98(4):419-424. doi: 10.1016/j.jped.2021.11.007. Epub 2021 Dec 22. PMID: 34953776; PMCID: PMC9432315

Mielus M, Sands D, Woynarowski M. Improving nutrition in cystic fibrosis: A systematic literature review. *Nutrition*. 2022 Oct;102:111725. doi: 10.1016/j.nut.2022.111725. Epub 2022 May 6. PMID: 35816813.

Munck A, Berger DO, Southern KW, Carducci C, de Winter-de Groot KM, Gartner S, Kashirskaya N, Linnane B, Proesmans M, Sands D, Sommerburg O, Castellani C, Barben J; European CF Society Neonatal Screening Working Group (ECFS NSWG). European survey of newborn bloodspot screening for CF: opportunity to address challenges and improve performance. *J Cyst Fibros*. 2022 Nov 10;S1569-1993(22)00689-0. doi: 10.1016/j.jcf.2022.09.012. Epub ahead of print. PMID: 36372700.

Postek M, Walicka-Serzysko K, Milczewska J, Sands D. What Is Most Suitable for Children With Cystic Fibrosis-The Relationship Between Spirometry, Oscillometry, and Multiple Breath Nitrogen Washout. *Front Pediatr*. 2022 Jan 14;9:692949. doi: 10.3389/fped.2021.692949. PMID: 35096700; PMCID: PMC8795905.

Hatton A, Bergougnot A, Zybert K, Chevalier B, Mesbahi M, Altéri JP, Walicka-Serzysko K, Postek M, Taulan-Cadars M, Edelman A, Hinzpeter A, Claustres M, Girodon E, Raynal C, Sermet-Gaudelus I, Sands D. Reclassifying inconclusive diagnosis after newborn screening for cystic fibrosis. Moving forward. *J Cyst Fibros*. 2022 May;21(3):448-455. doi: 10.1016/j.jcf.2021.12.010. Epub 2021 Dec 21. PMID: 34949556.

Walicka-Serzysko K, Postek M, Milczewska J, Sands D. Lung Clearance Index in Children with Cystic Fibrosis during Pulmonary Exacerbation. *J Clin Med*. 2021 Oct 23;10(21):4884. doi: 10.3390/jcm10214884. PMID: 34768401; PMCID: PMC8584600.

Walicka-Serzysko K, Orlik T, Sands D, Jeneralska N, Popiel A, Skorupa W, Pogorzelski A, Cofta S. Nebulisation therapy in patients with cystic fibrosis - consensus of the Polish Cystic Fibrosis Society. *Adv Respir Med*. 2021 Dec 9. doi: 10.5603/ARM.a2021.0107. Epub ahead of print. PMID: 34881808.

Munck A, Southern KW, Castellani C, de Winter-de Groot KM, Gartner S, Kashirskaya N, Linnane B, Mayell SJ, Proesmans M, Sands D, Sommerburg O, Barben J; European CF Society Neonatal Screening Working Group (ECFS NSWG). Defining key outcomes to evaluate performance of newborn screening programmes for cystic fibrosis. *J Cyst Fibros*. 2021 Sep;20(5):820-823. doi: 10.1016/j.jcf.2021.02.006. Epub 2021 Feb 23. PMID: 33637432.

Bilton D, Fajac I, Pressler T, Clancy JP, Sands D, Minic P, Cipolli M, Galeva I, Solé A, Quittner AL, Jumadilova Z, Ciesielska M, Konstan MW; CLEAR-110 Study Group. Long-term amikacin liposome inhalation suspension in cystic fibrosis patients with chronic *P. aeruginosa* infection. *J Cyst Fibros*. 2021 Nov;20(6):1010-1017. doi: 10.1016/j.jcf.2021.05.013. Epub 2021 Jun 16. PMID: 34144923; PMCID: PMC9076322.

Barben J, Castellani C, Munck A, Davies JC, de Winter-de Groot KM, Gartner S, Kashirskaya N, Linnane B, Mayell SJ, McColley S, Ooi CY, Proesmans M, Ren CL, Salinas D, Sands D, Sermet-Gaudelus I, Sommerburg O, Southern KW; European CF Society Neonatal Screening Working Group (ECFS NSWG). Updated guidance on the management of children with cystic fibrosis transmembrane conductance regulator-related metabolic syndrome/cystic fibrosis screen positive, inconclusive diagnosis (CRMS/CFSPID). *J Cyst Fibros*. 2021 Sep;20(5):810-819. doi: 10.1016/j.jcf.2020.11.006. Epub 2020 Nov 27. PMID: 33257262.

Langawi MA, Byrnes C, Davies JC, Hamouda S, Kabra M, Rached SZ, Sands D, Shteinberg M, Taylor-Cousar J, Tullis E, Wainwright C. 'Go for it, dream big, work hard and persist': A message to the next generation of CF leaders in recognition of International Women's Day 2020. *J Cyst Fibros*. 2020 Mar;19(2):184-193. doi: 10.1016/j.jcf.2020.02.021. Epub 2020 Mar 7. PMID: 32156627.

Walicka-Serzysko K, Postek M, Milczewska J, Sands D. Lung function deterioration in school children with cystic fibrosis. *Pediatr Pulmonol*. 2020 Nov;55(11):3030-3038. doi: 10.1002/ppul.25013. Epub 2020 Aug 13. PMID: 32761970.

Milczewska J, Wołkowicz T, Zacharczuk K, Mierzejewska E, Kwiatkowska M, Walicka-Serzysko K, Sands D. Clinical outcomes for cystic fibrosis patients with *Pseudomonas aeruginosa* cross-infections. *Pediatr Pulmonol*. 2020 Jan;55(1):161-168. doi: 10.1002/ppul.24535. Epub 2019 Sep 26. PMID: 31556252.

Dziekiewicz M, Mielus M, Lisowska A, Walkowiak J, Sands D, Radzikowski A, Banaszkiwicz A. Effect of omeprazole on symptoms of gastroesophageal reflux disease in children with cystic fibrosis. A randomized, double-blind,

placebo-controlled trial. Eur Rev Med Pharmacol Sci. 2021 Jan;25(2):999-1005. doi: 10.26355/eurrev_202101_24669. PMID: 33577055.

Mielko KA, Jabłoński SJ, Wojtowicz W, Milczewska J, Sands D, Łukaszewicz M, Młynarz P. Possible metabolic switch between environmental and pathogenic *Pseudomonas aeruginosa* strains: ¹H NMR based metabolomics study. J Pharm Biomed Anal. 2020 Sep 5;188:113369. doi: 10.1016/j.jpba.2020.113369. Epub 2020 May 25. PMID: 32534405.

Zybert K, Wozniacki L, Tomaszewska-Sobczyńska A, Wertheim-Tysarowska K, Czerska K, Ołtarzewski M, Sands D. Clinical characteristics of rare CFTR mutations causing cystic fibrosis in Polish population. Pediatr Pulmonol. 2020 Aug;55(8):2097-2107. doi: 10.1002/ppul.24823. Epub 2020 May 22. PMID: 32442342.