



## Mihaela Dediu

**Date of birth:** 02/09/1989 | **Nationality:** Romanian | **Email address:** [dediu.mihaela@umft.ro](mailto:dediu.mihaela@umft.ro) |

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### WORK EXPERIENCE

**PEDIATRIC PULMONOLOGY - MD – EMERGENCY CLINICAL COUNTY HOSPITAL "PIUS BRANZEU"** – 27/04/2023 – Current – TIMISOARA, ROMANIA

**PEDIATRICIAN – EMERGENCY CLINICAL COUNTY HOSPITAL "PIUS BRANZEU"** – 30/04/2021 – Current – TIMISOARA, ROMANIA

**PEDIATRIC PULMONOLOGY RESIDENT – EMERGENCY CLINICAL COUNTY HOSPITAL "PIUS BRANZEU"** – 31/12/2020 – 15/01/2023 – TIMISOARA, ROMANIA

**ASSISTANT PROFESSOR – DEPARTMENT OF PEDIATRICS „VICTOR BABES” UNIVERSITY OF MEDICINE AND PHARMACY** – 20/09/2020 – Current – TIMISOARA, ROMANIA

**PEDIATRIC RESIDENT – EMERGENCY HOSPITAL FOR CHILDREN "LOUIS TURCANU"** – 31/12/2014 – 30/12/2021 – TIMISOARA, ROMANIA

### EDUCATION AND TRAINING

**COMPETENCE IN SLEEP MEDICINE** University of Medicine and Pharmacy Carol Davila Bucharest

**COMPETENCE IN GENERAL ULTRASOUND** University of Medicine and Pharmacy Victor Babes Timisoara

30/09/2017 – 04/10/2022 Timisoara , Romania

**PHD DEGREE IN MEDICINE** Victor Babes University of Medicine and Pharmacy

**Thesis** Implications of lung clearance index in the evaluation of pulmonary function in cystic fibrosis patients

28/06/2022 – 30/06/2022

**CERTIFICATE OF ATTENDANCE VIRTUAL ACADEMY - VIRTUAL ACADEMY OF PAEDIATRIC RESPIRATORY MEDICINE / SELF-ASSESSMENT COURSE** ERS

21/01/2022 – 21/01/2022

**CERTIFICATE OF ATTENDANCE VIRTUAL SCHOOL ON CYSTIC FIBROSIS** ERS

2019 – 2021 Timisoara, Romania

**TEACHER** Departamentul pentru pregatirea personalului Didactic din cadrul Universitatii de Vest Timisoara

16/11/2015 – 16/11/2015 Timisoara , Romania

**GRADUATION CERTIFICATE** Modern diagnostic and therapeutic approach to cardio-vascular pathology in pediatrics and newborn

07/2015 – 08/2015 Moeciu , Romania

**GRADUATION CERTIFICATE** Pediatric emergencies, major problems in pediatrics - Summer school

**Field of study** Faculty of Medicine

● **NETWORKS AND MEMBERSHIPS**

01/01/2022 – CURRENT

**Member of European Cystic Fibrosis Society**

01/01/2021 – CURRENT

**Member of European Respiratory Society**

01/01/2021 – CURRENT

**Member Of Romanian Respiratory Society**

● **HONOURS AND AWARDS**

**Honours and awards**

1. Grant for participation at ERS course: Virtual academy - Virtual academy of paediatric respiratory medicine / Self-assessment course, 2022
2. First place, oral communication section within the National Congress of Cystic Fibrosis and the second Timisoara Symposium of Pediatric Pneumology, 2019, with the paper "Fever, cough and tachycardia in a patient with cystic fibrosis"
3. Travel Grant Award at the European Congress of Cystic Fibrosis, 2018 with the paper "Influences on vitamin D in cystic fibrosis"
4. PhD Grant within Victor Babes University of Medicine and Pharmacy, Timisoara - Implications of lung clearance index in the evaluation of lung function in children with cystic fibrosis, 2017

● **LANGUAGE SKILLS**

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	B2	C1	B2
<b>FRENCH</b>	A2	A2	A2	A2	A1
<b>GERMAN</b>	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **PUBLICATIONS**

**Publications in extenso**

1. Ciuca, I.M.; Dediu, M.; Popin, D.; Pop, L.L.; Tamas, L.A.; Pilut, C.N.; Almajan Guta, B.; Popa, Z.L. Antibiotherapy in Children with Cystic Fibrosis—An Extensive Review. *Children*.2022, 9, 1258. doi.org/10.3390/ children9081258
2. Mogoi M, Pop LL, Dediu M, Ciuca IM. Oral Glucose Tolerance Test in Patients with Cystic Fibrosis Compared to the Overweight and Obese: A Different Approach in Understanding the Results. *Children (Basel)*. 2022 Apr 8;9(4): 533. doi: 10.3390/children9040533. PMID: 35455577; PMCID: PMC9025919.
3. Dediu M, Ciuca IM, Pop LL, Iacob D. The Relation between Vitamin D Level and Lung Clearance Index in Cystic Fibrosis—A Pilot Study. *Children*. 2022; 9(3):329. doi.org/10.3390/children9030329
4. IM. Ciuca, LL. Pop, M. Dediu et all, Lung ultrasound in children with cystic fibrosis in comparison with chest computed tomography: a feasibility study, *Diagnostics*, 202 2, 12(2), 376; DOI 10.3390/diagnostics12020376
5. IM. Ciuca, M. Dediu, LL. Pop, Pediatric pneumonia (PedPne) lung ultrasound score and inflammatory markers: a pilot study, *Pediatric pulmonology*. 2021, DOI 10.1002/ppul. 25760

6. IM, Ciuca, M. Dediu et al, Lung ultrasound is more sensitive for hospitalized consolidated pneumonia diagnosis compared to CXR in children, *Children*, 2021, 8(8), 659; DOI **10.3390/children8080659**
7. M. Dediu, I.M. Ciuca, M.S. Marc, E. Boeriu, Factors influencing lung function in patients with cystic fibrosis in Western Romania, *J Multidiscip Healthc*, 2021 Jun 15;14:1423-1429, DOI 10.2147/JMDH.S313209
8. Ciucă, IM, Pop L., Dediu M. M., Tanasescu S., Ardelean F., Iovanescu G., Boeriu E., Vlad Marc M., Almajan Guta, B: Vitamin D(25 OH cholecalciferol) in Cystic Fibrosis and the Relations with Cholesterol and Proteins. *Revista de Chimie* 2019. 70. 3185 3187. 10.37358/RC.19.9.7512.
9. M. Dediu, I.M. Ciuca, V. Tudorache, L.L. Pop, Lung clearance index useful parameter for assessing lung function in cystic fibrosis children, *Ro J Pediatr*. 2019; 68(2)
10. L.L. Pop, M. Dediu, I. Velea, M. Mogoi, I.M. Ciuca, Cystic fibrosis related diabetes, *Central European Journal of Clinical Research Volume*, 2019 (2), Issue 1, Pages 23 27
11. M. Dediu, R. Albuiescu, I. Velea et al, Primary idiopathic polymyositis case report, *Ro J Pediatr*. 2015, Supplement 3

## Publications resume

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1. M. Dediu, I.M. Ciuca, V. Tudorache, L.L. Pop, Chronic inflammation biomarkers and lung function in CF patients, *Journal of Cystic fibrosis*, volume 1, 39-S118
2. M. Dediu, I.M. Ciuca et al, Fever, cough and tachycardia in a CF toddler, *Central European Journal of Clinical Research*, 2019, Volume 2, Issue 2, Supplement 1, pages 105 106 2.
3. Dediu, I.M. Ciuca, et al, Lung clearance index parameter for assessing lung function in cystic fibrosis children, *Central European Journal of Clinical Research*, 2018, Volume 1, Issue 1, Supplement 1, page 75 76
4. M. Dediu, I.M. Ciuca., L.L. Pop, Influences on vitamin D in cystic fibrosis patients, *Journal of Cystic Fibrosis* 17S3 (2018) S59 S138
5. M. Dediu, I.M. Ciuca et al Vitamin D correlation with lung function in cystic fibrosis children, *Archives of Disease in Childhood*, 102 (2017), suppl. 2
6. M. Dediu, I.M. Ciuca et al, Cystic fibrosis related diabetes considerations on a few 16/6/20 © European Union, 2002-2020 | <http://europass.cedefop.europa.eu> Page 2 / 4Curriculum vitae Mihaela Dediu cases, *Ro J Pediatric* . 2017; Supplement 1, page 42
7. Ciuca I. Dediu M. et al, Fever, Cough and Tachycardia in a CF Toddler, *Pediatric Pulmonology*, Wiley, vol 54, suppl. 1, S 140, June, 2019 ISSN 8755 6863
8. I.M. Ciuca, M. Dediu, et al, Lung ultrasound score and the relation with lung clearance index, *Central European Journal of Clinical Research*, 2019, Volume 2, Issue 2, Supplement 1, pages 113 114
9. I.M. Ciuca, M. Dediu, E. Margau, S. Tanasescu, Lung ultrasound and computed tomography a comparative study, *Central European Journal of Clinical Research*, 2019, Volume 2, Issue 2, Supplement 1, pages 103 104
10. I.M. Ciuca, M. Dediu, E. Margau, L.L. Pop, Cystic fibrosis lung disease, *Central European Journal of Clinical Research*, 2019, Volume 2, Issue 2, Supplement 1, pages 13 14
11. IM Ciuca, M Dediu, E Margau, LL Pop Lung ultrasound score correlation with lung clearance index *Thorax* 73 (Suppl 4), 2018 A163 A163
12. I.M. Ciuca, M. Dediu, D. Vlad, Z. Popa, L.L. Pop, Lung clearance index and vitamin D, *Journal of Cystic Fibrosis* 17S3 (2018) S59 S138
13. I.M. Ciuca, M. Dediu, L. Tamas, L.L. Pop, Lung ultrasound score and the relation with lung clearance index, *Journal of Cystic Fibrosis* 17S3 (2018) S1 S36
14. I.M. Ciuca, M. Dediu, L.L. Pop, Lung clearance index and lung ultrasound in cystic fibrosis children, *European Respiratory Journal* 2018 52: OA4988; DOI: 10.1183/13993003.congress.2018.OA4988
15. I.M. Ciuca, M. Dediu, et al, Risk factors for pulmonary decline in cystic fibrosis children cystic fibrosis children – an analysis of the western side of Romania, *Archives of Disease in Childhood*, 102 (2017), (2017), suppl. 2
16. O. Diana, M. Dediu, et al, Cystic fibrosis liver disease and the nutritional status, *Archives of Disease in Childhood*, 102 (2017), suppl. 2
17. A. G. Fica, M. Dediu, et al, New year's eve febrile , A. M. Guelleh, L. L.Pop, New year's eve febrile surprise, *Archives of Disease in Childhood*, 102 (2017), suppl. 2

## ● CONFERENCES AND SEMINARS

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### Conferences

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1. International Congress of Pediatric Pulmonology CIPP XXI, June 30 - July 2, 2022, virtual
2. The 45th European Cystic Fibrosis Conference, June, 2022, Rotterdam
3. National Congress of Pediatrics, 2021, Craiova
4. International Congress of Pediatric Pulmonology CIPP XX, June 24 - 27, 2021, virtual
5. The 44th European Cystic Fibrosis Conference, June 9 - 12, 2021, virtual
6. Zilele Pediatriei Iesene, 13 - 15 May, 2021, virtual
7. National Congress of Cystic Fibrosis and Timisoara Symposium of Pediatric Pneumology, 23- 26.10.2019, Timisoara
8. National Congress of Pediatrics, 11-14.09.2019, Cluj Napoca

9. XXV National Congress of the Romanian Society of Pneumology: Lung and air quality: A new frontier, 31.10-03.11.2018, Poiana Brasov
10. Timisoara Symposium on Pediatric Pneumology, 04-06.10.2018, Timisoara
11. National Congress of Pediatric Gastroenterology, 03-06.10.2018, Timisoara
12. The 8th National Conference of Pediatric Pneumology, 03-05.05.2018, Bucharest
13. 5th National Congress of Diabetes, Nutrition and Pediatric Endocrinology with international participation, 26-28.04.2018, Timisoara
14. National Conference of Pediatric Gastroenterology, 2018, Timisoara
15. The 41th European Cystic Fibrosis Conference, 06-08.06.2018, Belgrade
16. Conference "Priorities in pediatric practice", 15-16.02.2018, Timisoara
17. Symposium of Emergency Medicine and Pediatric Intensive Care "The hemodynamically unstable child - peculiarities of emergency approach and intensive care", 10-11.11.2017, Cluj Napoca
18. Conference "News in pediatric practice", 12-13.10.2017, Timisoara
19. 8th European Congress of Pediatrics and 13th National Congress of Pediatrics, 07-10.06.2017, Bucharest
20. National Conference "How to diagnose and treat kidney diseases in children", 19-22.10.2016, 16/6/20 © European Union, 2002-2020 | <http://europass.cedefop.europa.eu> Page 3 / 4 Curriculum vitae Mihaela Dediu Bucharest
21. National Conference on Infectious Diseases, with the theme: Open doors to the future, 02- 04.06.2016, Timisoara
22. 3rd National Congress of Diabetes, Nutrition and Pediatric Endocrinology, 12-14.05.2016, Timisoara
23. National Conference of Pediatrics - Progress in pediatrics, 30.03-02.04.2016, Bucharest
24. National Conference "Days of the Romanian Association for Pediatric Education in Family Medicine", 27-29.11.2015, Sovata
25. Symposium Management and approach of symptomatic treatment in respiratory tract infections in children, 05.11.2015, Timisoara
26. The VIIIth National Conference of Medical Genetics, 08-10.2015, Orastie
27. The XIIth National Congress of Pediatrics, 03-05.09.2015, Timisoara
28. News in neonatology and pediatrics. Probiotics in breast milk and their importance in milk formulas. Management of acute gastroenteritis and the importance of oral rehydration, 28.05.2015, Timisoara
23. National Congress of Diabetes, Nutrition and Endocrinology, 15-18.04.2015, Timisoara

## ● PRESENTATIONS

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### Oral presentations

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1. Fever, Cough and Tachycardia in a CF Toddler - the National Congress of Cystic Fibrosis and Timisoara Pneumology Symposium 2019
2. Guest speaker at the National Congress of Pediatrics 2019, section Pediatric clinical cases - Difficulties of diagnosis and treatment
3. Lung clearance index in children with cystic fibrosis - the National Congress of the Romanian Society of Pneumology 2018
4. Lung clearance index parameter for assessing lung function in cystic fibrosis children - Timisoara Pneumology Symposium 2018
5. Cystic fibrosis related diabetes consideration on a few cases - the National Congress of Diabetes, Nutrition and Endocrinology 2017
6. Staphylococcus aureus sepsis with multiple disseminations - the National Conference of Infectious Diseases 2016

### Posters

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1. Lung clearance index and nutritional status in cystic fibrosis children, ERS 2022
2. The relation between vitamin D level and lung clearance index in cystic fibrosis – a pilot study, CIPP 2022
3. Rare Causes of Recurrent Wheeze - Not Every Wheezing Is Asthma, CIPP 2021
4. LCI and vitamin D status in children with Cystic fibrosis, National Congress of Pediatrics, 2021
5. Chronic inflammation biomarkers and lung function in cystic fibrosis patients, European Cystic Fibrosis Conference, 2021
6. Lung ultrasound score and the relationship with lung clearance index, National Cystic Fibrosis Congress and Timisoara Pneumology Symposium, 2019
7. Influences on vitamin D in cystic fibrosis patients, European Cystic Fibrosis Conference, 2018
8. Vitamin D correlation with lung function in cystic fibrosis children, European Congress of Pediatrics, 2017
9. New year's eve febrile surprise, European Congress of Pediatrics, 2017
10. Long ultrasound score and the relationship with long clearance index, National Congress of Cystic Fibrosis and Timisoara Pneumology Symposium, 2019
11. Complete trisomy 8. Case report, National Congress of Rare Diseases, 2015

## ● **SKILLS**

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Microsoft Office | Microsoft Word | Microsoft Powerpoint | Microsoft Excel | Zoom

## ● **JOB-RELATED SKILLS**

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### **Job-related skills**

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- able to perform pulmonary function tests (spirometry, multiple breath wash-out technique)
- knowledge of using non-invasive ventilators