

## PERSONAL INFORMATION

ȘTEFAN MIHĂICUȚĂ

## PROFESSIONAL EXPERIENCE

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Position held	2008 - present Associate Professor of Pulmonology, Victor Babeș University of Medicine and Pharmacy Timișoara
Main activities and responsibilities	Didactic activity, medical clinic, medical research Victor Babeș University of Medicine and Pharmacy Timișoara, E. Murgu Square, No.2, 1900
Employer's name and address	1996-2008 asistent pneumoftiziologie UMFT
Position held	Didactic activity, medical clinic, medical research
Main activities and responsibilities	Victor Babeș University of Medicine and Pharmacy Timișoara, E. Murgu Square, No.2, 1900
Employer's name and address	Pulmonology, Sleep Medicine, healthcare services management

## EDUCATION AND TRAINING

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2015 Certificate of additional studies in General Clinical Therapeutic Management of Respiratory Disorders - Non-invasive ventilation. Series C No. 037062, according to the approval of the Ministry of Health No. NB/6656/2014, registration No. 38982 issued on July 2, 2015, by the Ministry of Health, General Directorate of Human Resources and Certification.

2013 Certificate of additional studies in Somnology - Level I, Series C No. 032564, according to the approval of the Ministry of Health No. CS. A/1588/2011, registration No. 34484, issued on November 6, 2013, by the Ministry of Health, General Directorate of Human Resources and Certification.

2013 Certificate of additional studies in Somnology - Level I + II, Series C No. 032579, according to the approval of the Ministry of Health No. CS. A/1588/2011, registration No. 34499, issued on November 6, 2013, by the Ministry of Health, General Directorate of Human Resources and Certification.

2013 Somnologist - Expert in Sleep Medicine, Certificate No. 089/2013 European Sleep Research Society.

2011 Certificate of additional studies in Healthcare Services Management, Series C No. 027319, registration No. 29329, issued on January 26, 2011, by the Ministry of Health, General Directorate of Human Resources and Certification.

2008 Specialist Doctor in Pulmonology, grade 9.77 (Ministry of Health Order No. 1971/03.12.2008, No. 1178/22.12.2008).

2002 Primary Care Physician in Pulmonology, grade 9.87 (Ministry of Health Certificate Series A No. 05062, April 12, 2002 registration No. 4031/8 April 2002).

1996 University Assistant through competition at the Discipline of Phthiology, UMF-Timișoara.

1992-1996 General Practitioner, Brad Municipal Hospital.

1990-1992 Medical Resident, Timisoara County Hospital No. 1.

1990 Graduate of the Faculty of General Medicine at the Institute of Medicine Timișoara. Medical Doctor Diploma Series I No. 827, issued with No. 177/30.X.1990 (Score 10) Matriculation Sheet Series R No. 1195 dated 20.12.2007, matriculation, volume 86, No. 11.026

#### CERTIFICATES AND DIPLOMAS

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1990 Medical Doctor Diploma Series I No. 827, issued with No. 177/30.X.1990 (grade 10) Matriculation Sheet Series R No. 1195 dated 20.12.2007, matriculation, volume 86, No. 11.026.

2008 Doctor of Medical Sciences, MECT Order No. 3439/12.03.2008, "Correlation between systemic and polysomnographic manifestations of sleep apnea syndrome" Diploma Series F No. 0006280, No. 3439/12.03.2008.

2022 Authorization, Order No. 4009/08.06.2022, registered 12328 on 09/06/2022.

#### RESEARCH PROJECTS AND GRANTS

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Principal Investigator in over 40 international clinical trials in the fields of asthma, COPD, pneumonia, bronchiectasis with works published in the New England Journal of Medicine as a member of the FLAME study investigators, GALATHEA study investigators, TERRANOVA study investigators.

1. International Grant Director - Morpheus: A Screening and Monitoring System for Sleep Apnea Syndrome, RealFund, Victor Babeș University of Medicine and Pharmacy Timișoara, 11289/14.10.2014.

2. Member of the research grant of the Center for Health Policies and Services, funded by the Global Fund to Fight AIDS, Tuberculosis, and Malaria through the Romanian Angel Appeal Foundation from July 1st to September 31st, 2009. Contract No. 3505. Preliminary study to evaluate the risk of tuberculosis in HIV/AIDS patients undergoing treatment and develop a protocol for early detection of TB in HIV-infected individuals.

3. National Director: Strategic Project "Quality in pulmonary medical services through continuous professional training and organizational flexibility," co-financed from POSDRU 81/3.2/S/58451, under the sub-program "Modern Treatments Applied in Sleep Apnea Syndrome" (electroencephalogram, electrooculogram, electromyogram, CPAP therapy), July 20, 2011 - December 20, 2012, by the Romanian Society of Pulmonology.4. Membru grant international Web-Based intervention for Prevention & Cessation of Tobacco Use among Adolescents in Tirgu Mures, Number: R01TW009280, Title: Building Capacity for Tobacco Research in Romania OPDIV: National Institutes of Health (NIH) Organization: Fogarty International Centre (FIC) Award Class: Discretionary. A Partnership among Romanian, American and Hungarian Scientists is supported by the Fogarty International Center and National Cancer Institute of the National Institutes of Health under Award

Number 1R01TW009280-01. Nr contract 552/30.06.2015, UMF Tg Mures.

4. Member of the international grant "Web-Based Intervention for Prevention & Cessation of Tobacco Use among Adolescents in Târgu Mureș," Number: R01TW009280, Title: Building Capacity for Tobacco Research in Romania, OPDIV: National Institutes of Health (NIH), Organization: Fogarty International Centre (FIC). A Partnership among Romanian, American, and Hungarian Scientists supported by the Fogarty International Center and National Cancer Institute of the National Institutes of Health under Award Number 1R01TW009280-01. Contract No. 552/30.06.2015, University of Medicine and Pharmacy Târgu Mureș.

5. Member of the research grant "Internet of Things meets Complex Networks for early prediction and management of Chronic Obstructive Pulmonary Disease," R&D Grant PNCDI III, P2, PED xxx/2017 (Total value: 514479 ROL).

6. National Director in the international grant SLEEP REVOLUTION H2020-SC1-2020-Single-Stage-RTD H2020 965417, 15 million Euro.

7. Member of the national grant "Mobile System for Air Monitoring." SMIS 2014+: 109913, Call Code: POC/62/1/3.

#### PROFESSIONAL RECOGNITION

2014-2015 Member of the Educational Committee of the European Sleep Research Society.

2012-2014 Secretary of the Executive Committee of the Assembly of National Sleep Societies of the European Sleep Research Society.

2011-2013 President of the Sleep Section of the Romanian Society of Pulmonology.

2010-2012 Member of the Executive Committee of the Assembly of National Sleep Societies of the European Sleep Research Society.

2009-2011 President of the Sleep Section of the Romanian Society of Pulmonology.

#### SKILLS AND PERSONAL COMPETENCES

Native language Romanian

#### Foreign Language(s) Proficiency

Self-assessment European level (\*)

French

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Speaking	Spoken interaction	
B1	C1	B1	B1	B1
A1	A1	A1	A1	A1

(\*) Common European Framework of Reference for Languages

#### Social skills and abilities

Team spirit, organization, and discipline, communication and interpersonal skills acquired through teaching and medical research activities.

#### Organizational skills and abilities

Organizational spirit, experience in healthcare management, communication and interpersonal relationships, experience in teaching, medical clinic, medical research, teaching and clinical-therapeutic monitoring, coordinator in the training and professional

development of resident doctors, developed teamwork through leadership and participation in completing projects in medical scientific activity at national level, principal investigator in numerous national and international multicenter clinical studies, coordinator and lecturer in postgraduate courses for education and professional training of doctors, promotion of volunteering among medical students, volunteer for the Association Cevadespus for people with disabilities.

**Technical skills and abilities** Sleep medicine, medical databases, computer usage, national health programs, and studies on the clinical-therapeutic monitoring of patients with respiratory and sleep disorders.

**Computer skills** Microsoft Office (Word, Excel, PowerPoint), national health programs used in clinical practice, specifically chronic respiratory diseases, tuberculosis, and sleep medicine.

**Other skills** -

**Permis(e) de conducere** ▪ Driver's license B category

## SIGNIFICANT WORKS

### Representative Works in ISI Journals - Principal Author

1. Mihaicuta S, Udrescu M, Topirceanu A, Udrescu L. Network science meets respiratory medicine for OSAS phenotyping and severity prediction. *PeerJ*. 2017 May 9;5: e3289. doi: 10.7717/peerj.3289. PMID: 28503375; PMCID: PMC5426352. IF 2.2 [Scopus].
2. Topîrceanu A, Udrescu M, Udrescu L, Ardelean C, Dan R, Reisz D, Mihaicuta S. SAS score: Targeting high-specificity for efficient population-wide monitoring of obstructive sleep apnea. *PLoS One*. 2018 Sep 5;13(9):e0202042. doi: 10.1371/journal.pone.0202042. PMID: 30183715; PMCID: PMC6124708. IF 3.1[Scopus].
3. Topîrceanu A, Udrescu L., Udrescu M, Mihaicuta S. Gender Phenotyping of Patients with Obstructive Sleep Apnea Syndrome Using a Network Science Approach. *J. Clin. Med.* 2020, 9, 4025; doi:10.3390/jcm9124025, IF 4.242. [Scopus].
4. Mihaicuta S, Udrescu L, Udrescu M, Toth I-A, Topîrceanu A, Pleavă R, Ardelean C. Analyzing Neck Circumference as an Indicator of CPAP Treatment Response in Obstructive Sleep Apnea with Network Medicine, in *Diagnostics* (ISSN 2075-4418), *Diagnostics* 2021, 1, 0. <https://doi.org/10.3390/diagnostics1010000>, IF 3,110. [Scopus].
5. Ardelean CL, Pescariu S, Lighezan DF, Pleava R, Ursoniu S, Nadasan V, Mihaicuta S. Particularities of Older Patients with Obstructive Sleep Apnea and Heart Failure with Mid-Range Ejection Fraction. *Medicina (Kaunas)*. 2019 Aug 7;55(8):449. doi: 10.3390/medicina55080449. PMID: 31394863; PMCID: PMC6723828. [Scopus]. IF 1.467.
6. Tiotiu A, Labor M, Nedeva D, Novakova S, Oguzulgen I K, Mihaicuta S, Braidó F. How to apply the personalized medicine in obesity-associated asthma? *Expert Review of Respiratory Medicine*, DOI: 10.1080/17476348.2020.1780123. IF 2.622. [Scopus].
7. Tiotiu A, Silviya N, Labor M, Emelyanov A, Mihaicuta S, Novakova P, Nedeva D. Progress in occupational asthma. *International Journal of Environmental Research and Public Health* 2020, 17, 4553; doi:10.3390/ijerph17124553 (ISSN 1660-4601)., IF, 2,468. [Scopus].
8. Tiotiu A, Novakova P, Baiardini I, Bikov A, Chong-Neto HJ, Correia-de-Sousa J, Emelyanov A, Heffler E, Fogelbach GG, Kowal K, Labor M, Mihaicuta S, Nedeva D, Novakova S, Steiropoulos P, Ansotegui IJ, Bernstein JA, Boulet LP, Canonica GW, DuBuske L, Nunes C, Ivancevich JC, Santus P, Rosario N, Perazzo T, Braidó F. Manifesto on United Airways Diseases (UAD): An Interasma (Global Asthma Association - GAA) document. *J Asthma*. 2021 Jan 25:1-33. doi: 10.1080/02770903.2021.1879130. IF 1.80 [Scopus].
9. Bikov A, Frent S, Pleava R, Kunos L, Bokhari S, Meszaros M, Mihaicuta S. The Burden of Associated Comorbidities in Patients with Obstructive Sleep Apnea-Regional Differences in Two Central-Eastern European Sleep Centers. *J Clin Med*. 2020 Nov 6;9(11):3583. doi: 10.3390/jcm9113583. PMID: 33172084; PMCID: PMC7694741. IF 3.30 [Scopus].
10. Bikov A, Meszaros M, Kunos L, Negru AG, Frent SM, Mihaicuta S. Atherogenic Index of Plasma in Obstructive Sleep Apnoea. *J Clin Med*. 2021 Jan 22;10(3):417. doi:

- 10.3390/jcm10030417. PMID: 33499142; PMCID: PMC7865393. IF 5.583. [Scopus].
11. Bikov A, Frent SM, Meszaros M, Kunos L, Mathioudakis AG, Negru AG, Gaita L, Mihaicuta S. Triglyceride-Glucose Index in Non-Diabetic, Non-Obese Patients with Obstructive Sleep Apnoea. *J Clin Med*. 2021 Apr 29;10(9):1932. doi: 10.3390/jcm10091932. PMID: 33947164. IF. 5.583. [Scopus].
12. Pleava R, Mihaicuta S, Serban CL, Ardelean C, Marincu I, Gaita D, Frent S. Long-Term Effects of Continuous Positive Airway Pressure (CPAP) Therapy on Obesity and Cardiovascular Comorbidities in Patients with Obstructive Sleep Apnea and Resistant Hypertension-An Observational Study. *J Clin Med*. 2020 Aug 30;9(9):2802. doi: 10.3390/jcm9092802. PMID: 32872644; PMCID: PMC7564990. IF 4.24 [Scopus].
13. Wang R, Mihaicuta S, Tiotiu A, Corlateanu A, Ioan IC, Bikov A. Asthma and obstructive sleep apnoea in adults and children – an up-to-date review, *Sleep Medicine Reviews*, 2021, 101564, ISSN 1087-0792, <https://doi.org/10.1016/j.smrv.2021.101564>. IF 11.6. [Scopus].
14. Marincu I, Frent S, Tomescu MC, Mihaicuta S. Rates and predictors of uncontrolled bronchial asthma in elderly patients from western Romania. *Clin Interv Aging*. 2015 Jun 16;10:963-7. doi: 10.2147/CIA.S83141. PMID: 26124649; PMCID: PMC4476423. IF 2.51. [Scopus].
15. Bikov A, Frent S, Reisz D, Negru A, Gaita L, Breban Schwarzkopf D, Mihaicuta S. Comparison of Composite Lipid Indices in Patients with Obstructive Sleep Apnoea. *Nat Sci Sleep*. 2022 Jul 27;14:1333-1340. doi: 10.2147/NSS.S361318. PMID: 35923809; PMCID: PMC9342428. IF. 3.384.
16. Yin C, Udrescu M, Gupta G, Cheng M, Lihu A, Udrescu L, Bogdan P, Mannino DM, Mihaicuta S. Fractional Dynamics Foster Deep Learning of COPD Stage Prediction. *Adv Sci (Weinh)*. 2023 Apr;10(12):e2203485. doi: 10.1002/adv.202203485. Epub 2023 Feb 19. PMID: 36808826; PMCID: PMC10131808.
17. Bikov A, Frent S, Deleanu O, Meszaros M, Birza MR, Popa AM, Manzur AR, Gligor L, Mihaicuta S. Time Spent with Saturation below 80% versus 90% in Patients with Obstructive Sleep Apnoea. *J Clin Med*. 2023 Jun 22;12(13):4205. doi: 10.3390/jcm12134205. PMID: 37445240; PMCID: PMC10342937.
18. Bikov A, Bailly S, Testelmans D, Fanfulla F, Pataka A, Bouloukaki I, Hein H, Dogas Z, Basoglu OK, Staats R, Parati G, Lombardi C, Grote L, Mihaicuta S; ESADA study group. The relationship between periodic limb movement during sleep and dyslipidaemia in patients with obstructive sleep apnea. *J Sleep Res*. 2023 Aug 19:e14012. doi: 10.1111/jsr.14012. Epub ahead of print. PMID: 37596874.
19. Mihaicuta S, Udrescu L, Militaru A, Nadasan V, Tiotiu A, Bikov A, Ursoniu S, Birza R, Popa AM, Frent S. Multivariate analysis and data mining help predict asthma exacerbations. *J Asthma*. 2023 Dec 19:1-16. doi: 10.1080/02770903.2023.2297366. Epub ahead of print. PMID: 38112563.

#### ISI Journals - Co-author

1. Fischer J, Dogas Z, Bassetti CL, Berg S, Grote L, Jennum P, Levy P, Mihaicuta S, Nobili L, Riemann D, Puertas Cuesta FJ, Raschke F, Skene DJ, Stanley N, Pevernagie D; Executive Committee (EC) of the Assembly of the National Sleep Societies (ANSS); Board of the European Sleep Research Society (ESRS), Regensburg, Germany. Standard procedures for adults in accredited sleep medicine centres in Europe. *J Sleep Res*. 2012 Aug;21(4):357-68. doi: 10.1111/j.1365-2869.2011.00987.x. Epub 2011 Dec 2. PMID: 22133127. IF 3.04. [Scopus].
2. Arnardottir ES, Verbraecken J, Gonçalves M, Gjerstad MD, Grote L, Puertas FJ, Mihaicuta S, McNicholas WT, Parrino L; The National Representatives as Study Collaborators. Variability in recording and scoring of respiratory events during sleep in Europe: a need for uniform standards. *J Sleep Res*. 2016 Apr;25(2):144- 57. doi: 10.1111/jsr.12353. Epub 2015 Sep 14. PMID: 26365742. IF 3.25. [Scopus].
3. Randerath W, Bassetti CL, Bonsignore MR, Farre R, Ferini-Strambi L, Grote L, Hedner J, Kohler M, Martinez-Garcia MA, Mihaicuta S, Montserrat J, Pepin JL, Pevernagie D, Pizza F, Polo O, Riha R, Ryan S, Verbraecken J, McNicholas WT. Challenges and perspectives in obstructive sleep apnoea: Report by an ad hoc working group of the Sleep Disordered Breathing Group of the European Respiratory Society and the European Sleep Research Society. *Eur Respir J*. 2018 Sep 16;52(3):1702616. doi: 10.1183/13993003.02616-2017. PMID: 29853491. IF 12,33 <https://erj.ersjournals.com/content/52/3/1702616>. [Scopus].

4. A Bikov, I K Oguzülgen, I Baiardini, M Contoli, A Emelyanov, O Fassio, J C Ivancevich, I Kaidashev, K Kowal, M Labor, L Lahousse, S Mihaicuta, S Novakova, A P Galo, A Simidchiev, A Tiotiu, I J. Ansotegui, JA. Bernstein, LP Boulet, G W Canonica, L Dubuske, N Rosario, P Santusa, F Braido. Beliefs and preferences regarding biological treatments for severe asthma, ab, on Behalf of Interasma Scientific Network (INES), World Allergy Organization Journal, IF 3.506. [Scopus].
5. Pengo MF, Faini A, Grote L, Ludka O, Joppa P, Pataka A, Dogas Z, Mihaicuta S, Hein H, Anttalainen U, Ryan S, Lombardi C, Parati G; ESADA Working Group. Impact of Sleep Apnea on Cardioembolic Risk in Patients With Atrial Fibrillation: Data From the ESADA Cohort. *Stroke*. 2021 Jan;52(2):712-715. doi: 10.1161/STROKEAHA.120.030285. Epub 2020 Dec 4. PMID: 33272126. IF 7.19 [Scopus].
6. Bonsignore MR, Pepin JL, Cibella F, Barbera CD, Marrone O, Verbraecken J, Saaresranta T, Basoglu OK, Trakada G, Bouloukaki I., McNicholas WT, Bailly S, Pataka A, Kvamme JA, Hein H, Mihaicuta S, Grote L, Fanfulla F, ESADA Study Group. Excessive Daytime Sleepiness in Obstructive Sleep Apnea Patients Treated With Continuous Positive Airway Pressure: Data From the European Sleep Apnea Database. *Front. Neurol*. 12:690008. doi: 10.3389/fneur.2021.690008. IF 3.55. [Scopus].
7. Nădășan V, Foley KL, Péntzes M, Paulik E, Mihăicuță Ș, Ábrám Z, Bálint J, Csibi M, Urbán R. The Short-term Effects of ASPIRA: A Web-based, Multimedia Smoking Prevention Program for Adolescents in Romania: A Cluster Randomized Trial. *Nicotine Tob Res*. 2017 Aug 1;19(8):908-915. doi: 10.1093/ntr/ntw308. IF 4,16. [Scopus].
8. Nadasan V, Foley KL, Penzes M, Paulik E, Mihaicuta S, Abram Z, Balint J, Urban R. Use of electronic cigarettes and alternative tobacco products among Romania adolescent, *International journal of Public Health*, 2016 Mar;61(2): 199-207. doi.10.1007/s00038-015-0774-8, IF 2.84. [Scopus].
9. Marincu E, Popovici S, Mihaicuta D, Vlad C, Stoicescu RM. Smoking impact on oral candidiasis in HIV-infected patients. in *Journal of Environmental Protection and Ecology* 16, No 3, 1125–1131 (2015), 1125-1131, ISI IF=0.83.
10. Braido F, Tiotiu A, Kowal K, Mihaicuta S, Novakova P, Oguzulgen IK. Phenotypes/endotypes-driven treatment in asthma. *Curr Opin Allergy Clin Immunol*. 2018 Jun;18(3):184-189. 2018 Mar 29. doi: 10.1097/ACI.0000000000000440. [Epub ahead of print] PMID: 29601354, Issn Print: 1528-4050, Impact Factor: 3.463. [Scopus].
11. Tiotiu A, Plavec D, Novakova S, Mihaicuta S, Novakova P, Labor M, Bikov A. Current opinions for the management of asthma associated with ear, nose and throat comorbidities. *Eur Respir Rev* 2018; 27: 180056 [https://doi.org/ 10.1183/16000617.0056-2018]. IF 4.92. [Scopus].
12. Baiardini I, Novakova S, Mihaicuta S, Oguzulgen IK, Canonica GW. Adherence to treatment in allergic respiratory diseases. *Expert Rev Respir Med*. 2018 Dec 5:1-10. doi: 10.1080/17476348.2019.1554438. [Epub ahead of print] PMID: 30518277, IF 2,6.
13. Topirceanu A, Udrescu M, Avram R, Mihaicuta S. Data analysis for patients with sleep apnea syndrome: a complex network approach., In *Soft Computing Applications, Advances in Intelligent Systems and Computing* 356, Springer, pp. 231–239, 2016. [SpringerLink].
14. Iovanovici, A. Topirceanu, M Udrescu, L Prodan, S Mihaicuta. A high-availability architecture for continuous monitoring of sleep disorders, *Studies in health technology and informatics*. Volume: 210, pp. 729–733, 2015. [Scopus].
15. Braido F, Tiotiu A, Guidos-Fogelbach G, Baiardini I, Cosini F, Correia de Sousa J, Bikov A, Novakova S, Labor M, Kaidashev I, Nedeva D, Kowal K, Mihaicuta S, Urrutia Pereira M, Solé D, Novakova P, Chong- Neto H, Vrzy L, Ansotegui IJ, Bernstein JA, Boulet LP, Canonica GW, Dubuske L, Nunes C, Ivancevich JC, Santus P, Rosario N, Emelyanov A, Steiropoulos P. Manifesto on inhaled triple therapy in asthma: an Interasma (Global Asthma Association - GAA) document. *J Asthma*. 2021 Dec 22:1-16. doi: 10.1080/02770903.2021.2022160. Epub ahead of print. PMID: 34936532. IF 2.515 [Scopus].
16. Braido F, Tiotiu A, Guidos-Fogelbach G, Baiardini I, Cosini F, Correia de Sousa J, Bikov A, Novakova S, Labor M, Kaidashev I, Nedeva D, Kowal K, Mihaicuta S, Urrutia Pereira M, Solé D, Novakova P, Chong-Neto H, Vrzy L, Ansotegui IJ, Bernstein JA, Boulet LP, Canonica GW, Dubuske L, Nunes C, Ivancevich JC, Santus P, Rosario N, Emelyanov A, Steiropoulos P. Manifesto on inhaled triple therapy in asthma: an Interasma (Global Asthma Association - GAA) document. *J Asthma*. 2022 Jan 11:1-11. doi: 10.1080/02770903.2021.2022160. Epub ahead of print. PMID: 34936532.

<https://doi.org/10.1080/02770903.2021.2022160> IF 2.515

17. Reisz, D.; Gramescu, I.-G.; Mihaicuta, S.; Popescu, F.G.; Georgescu, D. NMDA Autoimmune Encephalitis and Severe Persistent Hypokalemia in a Pregnant Woman. *Brain Sci.* 2022, 12, 221. <https://doi.org/10.3390/brainsci12020221>, IF 3.394
18. Fietze I, Laharnar N, Bargiotas P, Basoglu OK, Dogas Z, Drummond M, Fanfulla F, Gislason T, Gouveris H, Grote L, Hein H, Jennum P, Joppa P, van Kralingen K, Kvamme JA, Lombardi C, Ludka O, Mallin W, Marrone O, McNicholas WT, Mihaicuta S, Montserrat J, Pillar G, Pataka A, Randerath W, Riha RL, Roisman G, Saaresranta T, Schiza SE, Sliwinski P, Svaza J, Steiropoulos P, Tamisier R, Testelmans D, Trakada G, Verbraecken J, Zablockis R, Penzel T. Management of obstructive sleep apnea in Europe - A 10-year follow-up. *Sleep Med.* 2022 Jun 9;97:64-72. doi: 10.1016/j.sleep.2022.06.001. Epub ahead of print. PMID: 35724441. *Sleep Medicine.* Online ISSN: 1389-9457, IF 3.492
19. Yassen A, Coboeken K, Bailly S, Burghaus R, Buskova J, Dogas Z, Drummond M, Gouveris H, Joppa P, Lippert J, Lombardi C, Mihaicuta S, Pépin JL, Zou D, Hedner J, Grote L. Baseline clusters and the response to positive airway pressure treatment in obstructive sleep apnoea patients: longitudinal data from the European Sleep Apnea Database cohort. *ERJ Open Res.* 2022 Oct 31;8(4):00132-2022. doi: 10.1183/23120541.00132-2022. PMID: 36329798; PMCID: PMC9619251. IF. 4.239.
20. Lammintausta A, Anttalainen U, Basoglu ÖK, Bonsignore MR, Gouveris H, Grote L, Hedner J, Ludka O, Mihaicuta S, Pataka A, Trakada G, van Zeller M, Saaresranta T. Clinical characteristics and positive airway pressure adherence among elderly European sleep apnoea patients from the ESADA cohort. *ERJ Open Res.* 2023 May 2;9(3):00506-2022. doi: 10.1183/23120541.00506-2022. PMID: 37143834; PMCID: PMC10152251. IF. 4.239
21. Reisz D, Gramescu IG, Mihaicuta S, Popescu FG, Georgescu D. NMDA Autoimmune Encephalitis and Severe Persistent Hypokalemia in a Pregnant Woman. *Brain Sci.* 2022 Feb 5;12(2):221. doi: 10.3390/brainsci12020221. PMID: 35203984; PMCID: PMC8869825.
22. Nedeva D, Kowal K, Mihaicuta S, Guidos Fogelbach G, Steiropoulos P, Jose Chong-Neto H, Tiotiu A. Epithelial alarmins: a new target to treat chronic respiratory diseases. *Expert Rev Respir Med.* 2023 Jul-Dec;17(9):773-786. doi: 10.1080/17476348.2023.2262920. Epub 2023 Oct 27. PMID: 37746733.
23. Tiotiu A, Bikov A, Gonzalez-Barcala FJ, Novakova S, Novakova P, Chong-Neto H, Santus P, Ansotegui I, Ivancevich JC, Kowal K, Mihaicuta S, Nedeva D, Canonica GW, Bernstein JA, Boulet LP, Braido F. Criteria to evaluate efficacy of biologics in asthma: a Global Asthma Association survey. *Expert Rev Respir Med.* 2023 Jan-Jun;17(6):507-516. doi: 10.1080/17476348.2023.2223986. Epub 2023 Jun 26. PMID: 37313643.
24. Dumitrescu A, Doros G, Lazureanu VE, Septimiu-Radu S, Bratosin F, Rosca O, Patel H, Porosnicu TM, Vitcu GM, Mirea A, Oancea C, Mihaicuta S, Stoicescu ER, Barata PI. Post-Severe-COVID-19 Cardiopulmonary Rehabilitation: A Comprehensive Study on Patient Features and Recovery Dynamics in Correlation with Workout Intensity. *J Clin Med.* 2023 Jun 29;12(13):4390. doi: 10.3390/jcm12134390. PMID: 37445425; PMCID: PMC10342827.
25. Laharnar N, Bailly S, Basoglu OK, Buskova J, Drummond M, Fanfulla F, Mihaicuta S, Pataka A, Riha RL, Bouloukaki I, Testelmans D, Trakada G, Verbraecken J, Zimmermann S, Penzel T, Fietze I. Bed partner perception of CPAP therapy on relationship satisfaction and intimacy-A European perspective from the ESADA network. *J Sleep Res.* 2023 Dec 11:e14125. doi: 10.1111/jsr.14125. Epub ahead of print. PMID: 38084019.
26. Svedmyr S, Hedner J, Bailly S, Fanfulla F, Hein H, Lombardi C, Ludka O, Mihaicuta S, Parati G, Pataka A, Schiza S, Tasbakan S, Testelmans D, Zou D, Grote L; European Sleep Apnea Database (ESADA) study group. Blood pressure control in hypertensive sleep apnoea patients of the European Sleep Apnea Database cohort - effects of positive airway pressure and antihypertensive medication. *Eur Heart J Open.* 2023 Oct 17;3(6): ahead109. doi: 10.1093/ehjopen/oead109. PMID: 38035035; PMCID: PMC10686603.

Papers presented at conferences

86, ISI journals (WoS)

Coordinator/Invited lecturer,  
certificate.

1. Complementary study program for obtaining certification in somnology - General, clinical, and therapeutic management. Module 1, 2020-2021, Wednesday, February 21, 2021, 14:30-15:30 - Positive and differential diagnosis of TRTS.
2. 7th Slovenian Pneumology Congress joined with Allergology and Immunology congress,

May 6-9, 2020, Portoroz, Slovenia.

3. ERS (European Respiratory Society) Congress, September 7-9, 2020, Screening methods and diagnostic tools for obstructive sleep apnea, August 24, 2020.

4. The fourth edition of the Sleep Medicine Conference in School, November 22-23, 2020, online.

5. NIV (Non-Invasive Ventilation) competency - NIV at home: Patient selection for NIV at home, indications, contraindications, patient preparation for NIV at home. Transfer of ventilator-dependent patient to home. Home monitoring and long-term NIV monitoring.

6. Normal sleep and cardiopulmonary control. The effects of sleep on cardiopulmonary function. In the Somnology competency - General, clinical, and therapeutic management of sleep-related breathing disorders. Polysomnography and CPAP/bIPAP titration in Somnology, Module 2.

7. Myth or reality: Exacerbations in COPD - at the SRP Course: Bronchodilation in COPD: State of the art & Severe Asthma Academy, Sighisoara, May 12, 2016.

8. Ultibro - benefits vs. monocomponents - Stefan Mihaicuta, at the SRP Course: Bronchodilation in COPD: State of the art & Severe Asthma Academy, Sighisoara, May 12, 2016.

9. Sleep disorders, prevalence, mechanisms, sleep laboratory. Sleep Week, March 14-18, 2016, Timisoara. Practical course on Wednesday, March 16, 2016, 13:00-15:00.

10. Diagnosis and treatment in obstructive sleep apnea syndrome. March 14-18, 2016, Timisoara. Practical course on Wednesday, March 16, 2016, 13:00-15:00.

11. Progressive muscle dystrophies - NIV in practical applications, Stefan Mihaicuta, Daniela Reisz, pre-congress course SRP, October 5-8, 2016, Wednesday, October 5, 2016, 14:45-16:45.

12. Non-invasive ventilation in clinical practice - Progressive muscle dystrophies - NIV in practical applications, Wednesday, October 5, 2016, 14:00-17:00, at the 24th National Congress of the Romanian Society of Pneumology, October 5-8, 2016, Poiana Brasov.

13. Lecturer at the course "Chronic obstructive pulmonary disease - the pulmonary physician's coronary disease?", organized by the National Prevention Forum, Victor Babes University of Medicine and Pharmacy, Timisoara, September 23, 2015.

14. Patient history, polysomnography setup, Compilation of a discharge summary, polysomnography setup with APAP. Practical applications. At the First Conference on Sleep Medicine with international participation - The Beginning of Somnology in Moldova, Chisinau, February 19-21, 2015.

15. Lecturer at the Hands-On Polysomnography Course: Introduction to PSG, part 1, C2 pre-congress course at the 23rd Congress of the Romanian Society of Pneumology, Sibiu, October 8, 2014, Wednesday, October 8, 2014.

16. Lecturer certified by the Ministry of Health, National Competence Course in Somnology, Module 1, Bucharest, November 19, 2014. Positive and differential diagnosis in sleep apnea syndrome.

17. Lecturer at the postgraduate course - "COPD - Precursor of cardiovascular diseases", organized from May 31 to June 1, 2013, registration number 1233 from July 22, 2013.

Lecturer certified by the Ministry of Health, National Competence Course in Somnology, Module 2, 5 themes, Friday, March 15, 2014, M. Nasta Institute of Pneumology, Bucharest.

18. Normal sleep and cardiopulmonary control. The effects of sleep on cardiopulmonary function, Circadian rhythm, Use of sleepiness questionnaires, Multiple Sleep Latency Test, Maintenance of Wakefulness Test.

19. Lecturer at the Non-Invasive Ventilation course, Timisoara, March 7-8, 2014.

Therapeutic innovations in smoking cessation therapy. Tobaccoology Mini-course, organized by the Romanian Society of Cardiology and the Romanian Society of Pneumology at the 51st National Cardiology Congress, Saturday, October 6, 2012.

20 Management of comorbidities associated with COPD - in the series of courses "Changing Paradigms in COPD Management: the new GOLD guide", Timisoara, March 8, 2012.

21. SASO and Prader-Willi syndrome, Wednesday, May 30, 2012, at the 22nd Congress of the Romanian Society of Pneumology, Poiana Brasov, May 30 - June 2, 2012.

22. Respiratory rehabilitation in patients with COPD and sleep apnea syndrome, at the course "Respiratory Rehabilitation and Management of Pulmonary Diseases", organized at the 22nd Congress of the Romanian Society of Pneumology, Poiana Brasov, May 30 - June 2, 2012.



23. Lecturer at sleep medicine courses in Timisoara, Cluj, Brasov, Bucharest, and Craiova. Modern treatments applied in sleep apnea syndrome (electroencephalogram, electrooculogram, electromyogram; CPAP therapy equipment). Major intervention area 3.2 "Training and support for enterprises and employees to promote adaptability." Project title: Quality in pneumology medical services through continuous professional training and organizational flexibility. Contract identification number: POSDRU/81/3.2/S/58451.
24. Sleep Medicine Course: Respiratory disorders during sleep, under the auspices of UMF Cluj Napoca, American College of Chest Physicians, ESRS, SRP, April 14-17, 2011, confirmation diploma No. 4 dated April 14, 2011.
25. "Past, Present, and Future in Romanian Sleep Medicine," at the Sleep Medicine Course, Respiratory Disorders during Sleep, Theme: Sleep Apnea Syndrome, Comorbidities, and Consequences, April 14-16, 2011, Cluj Napoca.
26. "Refractory HTN and SAS. Prevention and Treatment," at the Sleep Medicine Course, Respiratory Disorders during Sleep, Theme: Sleep Apnea Syndrome, Comorbidities, and Consequences, April 14-16, 2011, Cluj Napoca.
27. Therapeutic Approaches to Patients with Cardiovascular Diseases and Sleep Apnea Syndrome," at the "Postgraduate Course, Sleep Disorders - Diagnosis and Therapy in a Multidisciplinary Context – Presentation of New Developments in the Field," Bucharest, March 25-27, 2010.

#### Completed courses

1. Chest Ultrasound Masterclass - Clinical Micro Skills Pneumonia. March 18, 2021, 2 credits, address 2459/25.02.2021, event code IS no. 421 18.03.2021.
2. Course - Webinar-Wearable technologies in respiratory functional assessment, February 25, 2021, 1 EBAP CME
3. Course - Webinar - Sleep throughout the pandemic and beyond, Event 12/07/2021, 1 EBAP CME
4. Course, Webinar - Occupational dust-induced lung diseases, October 19, 2021, 1 EBAP CME
5. Strengthening tuberculosis control in Romania by increasing the competencies of TB professionals - Current approaches in tuberculosis case management, Timisoara 24-26.05.2019, code TM no. 17 dated 26.05.2019, 18 EMC credits, address no. 3960/09.04.2019.
6. Insomnia therapeutics, Saturday, October 7, 2017, 08-17, World Sleep Congress, Valencia
7. Somnology Course, First National Conference on Pleural Pathology, March 24-26, 2016, Grand Hotel, Târgu Mures
8. "Sleep-disordered breathing: spectrum of current therapies", Tuesday, September 16, 2014, 13.30 - 17.00 Teaching Course 5 at the 22nd Congress of the European Sleep Research Society. Letter of confirmation (half day): (clinical), at the 22nd Congress of the European Sleep Research Society, Tallinn, Estonia, September 16-20, 25 points EACCME
9. "Chest World Congress course", March 21-24, 2014, Madrid, Certificate of Achievement.
10. "COPD - Precursor of cardiovascular diseases", in 311.05-01.06.2013, 20 EMC credits, diploma no. 1233 dated July 22, 2013
11. „Case Studies: Sleep Related respiratory disorders”, Friday 1 April 2011, 8,30-10, at the Sleep and Breathing international Conference organised by ERS and ESRS, Prague.
12. „Case studies: insomnia and parasomnia in OSAS”, Saturday 2 April, 2011, 15.00-16.30, at the Sleep and Breathing international Conference organised by ERS and ESRS, Prague.
13. „Meet the Professor: SDB is an important risk factor for stroke?”, Thursday 31 March 2011, 12.30-13.30, at the Sleep and Breathing international Conference organised by ERS and ESRS, Prague.
14. Sleep Medicine Course "Respiratory Disorders During Sleep", Cluj Napoca, April 14-17, 2011, 23 EMC credits, address no. 1347/04/03/2011, participation certificate.
15. "Central Europe Sleep Training Course" European Sleep Medicine Course Timisoara November 18-20, 2011, 13 credits (address CMR no. 5256/16.11.2010, under the auspices of ESRS, SRP, UMF Timisoara, CMR, diploma no. 38 dated 20.11.2010)
16. "Sleep Medicine I", at the 20th Congress of the European Sleep Research Society, Lisbon, Portugal, September 14-18, 2010
17. "Updates on Pulmonary Rehabilitation and Non-Invasive Mechanical Ventilation at Home," Iasi, May 20-22, 2010, 18 EMC credits, diploma CMI 04321/18.05.2010

18. "Sleep Medicine - Program for Central Europe," Iasi, May 20-22, 2010, 10 EMC credits, diploma CMI 04245/18.05.2010
19. "Quality Management," organized by CPSS and UMF Iasi, 12 CME credits, order number TM 13 MC, series (code) manifestation no. 2020/20/04/2010.
20. "Health Services Management," Training Program for obtaining the certificate in Health Services Management, March 18, 2010 - June 26, 2010, organized by the Ministry of Health, National School of Public Health, Management and Training in the Health Sector Bucharest, Certificate series A no. 0491 and no. 486 dated August 13, 2010
21. "Sleep Apnea Syndrome" - workshop organized by the College of Physicians from the Municipality of Bucharest, January 9, 2010, 5 EMC points, according to address 6367/131.12.2009, certificate number 58 sin 09.01.2010
22. "PG5 - Core Curriculum Postgraduate Course: Obstructive Sleep Apnea - current pathophysiological, clinical and therapeutic concept" on September 12, 2009, at the European Respiratory Congress, Vienna, Austria, certificate of attendance.
23. "Central Europe Sleep Training Course" Respiratory Disorders During Sleep. Obstructive Sleep Apnea. Diagnostic and Treatment Techniques, Cluj Napoca, October 9-10, 2009, 8 EMC credits through address no. 4258/21.09.09, certificate number 39345 dated October 10, 2009.
24. "Updates in the Diagnosis and Care of Patients with Prader-Willi Syndrome, Postgraduate Course" with international participation, April 23, 2009, Timisoara.
25. "Communication and Advocacy" course organized by CPSS and UMF Iasi, January 30-31, 2009, 12 CME credits, series TMCA No. 47/31.01.2008.
26. "Somnology Workshop" on November 26, 2008, CMR No. 6368/21.11.2008, 3 EMC credits, certificate No. 22/26.11.2008.
27. "Development of the capacity for prevention and control of respiratory diseases in Romania," within the summer school "Development of the capacity for prevention and control of respiratory diseases in Romania," September 17, 2008, 6 EMC credits, order No. 138, series (event code) No. 4661/11/08/2008.
28. "Evidence-based Medicine" postgraduate course on May 29, 2008, during the XXth Congress of the Romanian Society of Pneumology, 3 EMC credits, based on approval No. 2864/16.05.2008, certificate series CP 1 No. 04 dated May 29, 2008.
29. "Foundations and Practical Aspects of Pulmonary Rehabilitation" postgraduate course on May 29, 2008, during the XXth Congress of the Romanian Society of Pneumology, 3 EMC credits, based on approval No. 2864/16.05.2008, certificate series CP 10 No. 22 dated May 29, 2008.
30. "Management of the Relationship between Rhinitis and Bronchial Asthma," April 17-18, 2008, in Timisoara, organized by the Ministry of Public Health, National Center for Health Training, Bucharest, series E No. 031715 dated September 23, 2008, registration number 31715/2008, 12 EMC credits.
31. "Prime Course Medical Teaching: New Methods," University of Brighton, on November 20th, 2007, in Timisoara, certificate of attendance.
32. "Nicotine Withdrawal Course," organized by the American College of Chest Physicians and SRP, Bucharest, January 19, 2008, CMR approval No. 76 dated 10/01/2008, certificate No. 21.
33. "Aspects Regarding the Epidemiology, Diagnosis, and Treatment of Multidrug-Resistant Tuberculosis (MDR-TB)," November 16-17, 2007, 13 EMC credits, diploma No. 21.
34. "Multidisciplinary Management of Large Airway Stenosis," course at the 19th Congress of the Romanian Society of Pneumology, Cluj-Napoca, May 4-6, 2006, credited with 3.5 EMC hours according to address No. 2037 dated 05.05.2006, certificate series CP 232/2006.
35. "Updates in the Diagnosis and Treatment of Sleep Apnea Syndrome," course at the 19th Congress of the Romanian Society of Pneumology, Cluj-Napoca, May 4-6, 2006, credited with 3.5 EMC hours according to address No. 2037 dated 05.05.2006, certificate series CP 57/2006.
36. „ENYPAT Spring School” 14-18 March 2005, Helsinki, Finland, organised by the European Network on Young People and Tobacco, Public Health Programme of the European Commission, Certificate on 18 March 2005.
37. „Sleep Medicine” European Respiratory Society School Course Sleep, Antwerp, November 10-12, 2005, ERS Certificate
38. ERS School Course „Smoking Cessation”, Bucharest, December 10-12, 2004, 16

credites, Certificate ERS

39. "Smoking Cessation Therapy Training Course," December 10-12, 2004, organized by the Ministry of Health, National Center for Postgraduate Medical Training, 15.25 EMC hours, series E No. 07473 dated December 9, 2004, registration number 7473/2004.

40. „School of Sleep Medicine”, European Respiratory Society at the Medical Faculty of PJ Safarik University, Kosice Slovakia, October 5th, 2002, Certificate of Completion

41. „Health Promotion and Nutrition Education Conference”, July 3-15, 1994, Arad, organised by Loma Linda University, School of Public Health, 60 CME credits.

#### International manuals

1. Clinical picture and diagnosis- St Mihaicuta, L. Grote in Sleep Medicine Textbook, Editors – in Chief: C Bassetti, Z Dogas, P Peigneux, pag 233-250, European Sleep Research Society 2014, ISBN 9781119038931.

2. European Sleep Research Society (1972 – 2012), 40th Anniversary of the ESRS, Editor: Claudio

L. Bassetti, Co-Editors: B Knobl, Hartmut Schulz, Regensburg, Bern, 2012, 131 pag, The National Sleep Societies, Romania, pag 113.

3. Clinical picture and diagnosis, Ludger Grote and Stefan Mihaicuta, page 325-346. Sleep Medicine Textbook, 2nd edition, Editors: Claudio Bassetti, Walter McNicholas, Tiina Paunio, Philippe Peigneux, Publisher: European Sleep Research Society (ESRS), Regensburg, Germany, 2021. ISBN: 9781119789017.

#### Books and chapters in books Books

1. Pulmonary Tuberculosis - course, author: Tudorache V, With the collaboration of: Potre Oncu R, Mihaicuta S, Mirton Publishing, Timisoara, 1998, 136p, ISBN 973-578-534-x

2. Smoking: From Dependence to Freedom. V. Tudorache, S. Mihaicuta, R. Tudorache, EUROBIT Timisoara, 1999, 221 pages, ISBN 973-9441-22-X.

3. Pulmonary Tuberculosis - English course, V. Tudorache, S. Mihaicuta, LITO UMF, Timisoara, 2003, 148 pages.

4. Updated Guide for Asthma Management - Practical Guide 2008, GAMA Scientific Committee: N. Bisca, MA. Bogdan, D. Bumbacea, T. Mihaiescu, S. Mihaicuta, F. Mihaltan, IP Stoicescu, I. Strimbu, V. Tudorache, R. Ulmeanu, Romanian Society of Pneumology Guide 2008.

5. General Notions of Tobaccology - introductory supplement to the smoking cessation guide and specialized smoker assistance, developed by the Romanian Society of Pneumology - Tobaccology Section, authors' collective: A. Trofor, F. Mihaltan, St. Mihaicuta, M. Pop, D. Todea, Tehnopress Publishing House, Iasi, 2008, 54 pages, ISBN 978-973-702-600-2.

6. Smoking Cessation Guide and Smoker Specialty Assistance (GREFA) - pocket guide for healthcare personnel. Romanian Society of Pneumology Guide 2008. Scientific Committee: A. Trofor, F. Mihaltan, St. Mihaicuta, M. Pop, D. Todea, F. Anca, R. Tanasescu, V. Vieriu, M. Samoila, I. Pavaluc. Tehnopress Iasi 2008, ISBN 978-973-702-602-6.

7. Smoking Cessation Guide and Smoker Specialty Assistance (GREFA) - Romanian Society of Pneumology Guide, Scientific Committee: A. Trofor, F. Mihaltan, St. Mihaicuta, M. Pop, D. Todea, F. Anca, R. Tanasescu, V. Vieriu, M. Samoila, I. Pavaluc, Tehnopress Publishing House Iasi 2008, 106 pages, ISBN 978-973-702-602-6B1.

8. Asthma Management: Guide for Implementing the Asthma Management Guide in the Family Physician's Office, Authors: M. Bataiosu, MA Bogdan, D. Bumbacea, RS Bumbacea, A. Cara, D. Deleanu, M. Dumitrescu, D. Ionita, C. Isar, S. Mihaicuta, F. D. Popescu, CL Toma, D. Toma, CE Tudose, InfoMedica Publishing, Bucharest 2009, 128 pages, ISBN 978-973-7912-74-9.

9. Asthma Management Guide, Responsible: M. Bogdan, collective member authors: S. Mihaicuta, published in the Official Gazette no. 608 bis from September 3, 2009, issued by the Ministry of Health, approved by Order no. 1059 from September 2, 2009.

10. Practical Course in Somnography, Editor St. Mihaicuta, Publisher Victor Babes Timisoara 2010, 106 pages, ISBN 978-606-8054-16-2.

11. Somnology - Course Notes, Edited by: S. Mihaicuta. Authors: St Mihaicuta, M Krueger, O. Deleanu, F. Mihaltan, D. Boisteanu, D. Todea, S. Dumitrache-Rujinnschi, V. Tudorache, published by Ed Mirton Timisoara, 2010, 108 pages, ISBN 978-973-52-0868-4.

12. Smoking Cessation Guide and Smoker Specialty Assistance (GREFA) - Romanian Society of Pneumology Guide - 2nd revised and expanded edition. Scientific Committee: A. Trofor, F. Mihaltan, St. Mihaicuta, M. Pop, D. Todea, F. Anca, O. Petris, R. Tanasescu, V.

- Vieriu, M. Samoila, published by Tehnopress Iasi 2010, 86 pages, ISBN 978-973-702-768-9.
13. Sleep Apnea and Cardiovascular Diseases, Authors: D. Lighezan, St. Mihaicuta, published by Eurobit 2011, 122 pages, ISBN 978-973-620-757-0.
14. Sleep Disorders and Respiratory Pathology, Authors: S. Mihaicuta, L. Grote, J. Fisher, Z. Dogas, P. Jennum, published by MediaMed Publicis, Bucharest, 2011, 122 pages, ISBN 978-606-92769-3-8.
15. Sleep Medicine in Central-Eastern Europe 2011, Editors: S. Mihaicuta, Z. Dogas, J. Fisher. Published by V Babes Timisoara 2011, 109 pages, ISBN 978-606-8054-68-1.
16. Sleep Disorders and Respiratory Pathology, coordinated by St. Mihaicuta, published by Media Med Publicis, 2013, ISBN 978-606-8463-05-6.
17. Guide for the Management of Lung Cancer - Part I - Diagnosis and Staging, by G. Jimborean, M. Pop, V. Tudorache, St. Mihaicuta, F. Mihaltan, C. Marica, B. Mahler, D. Todea, M. Nitu, D. Tofolean, published by Mediamed Publicis, Bucharest, 2013, 94 pages, ISBN 978-606-8493-08-7.
18. Pneumology Course. Authors: N. Bertici, S. Frent, S. Mihaicuta, O. Fira-Mladinescu, C. Oancea, V. Tudorache. Chapters: Upper and Lower Respiratory Tract Infections (pages 81-92), Bronchopulmonary Cancer (pages 143-160), Sleep Apnea Syndrome (pages 167-176), Smoking, Consequences, Management (pages 255-268), published by Mirton Timisoara 2012, 279 pages, ISBN 978-973-52-1279-7.

Chapters, monographs, courses  
(CNCSIS)

1. Pulmonology, (529 pages), edited by MA Bogdan, Chapter 20: The Lung in Hematological Diseases, Authors: V. Tudorache, St. Mihaicuta, pages 218-223, Carol Davila University Publishing House, Bucharest 2008, ISBN 978-973-708-203-1
2. Pulmonology, (529 pages), edited by MA Bogdan, Chapter 31: Pulmonary Vasculitis, Authors: S. Mihaicuta, V. Tudorache, Pages 316-320, Carol Davila University Publishing House, Bucharest 2008, ISBN 978-973-708-203-1
3. Pulmonology, (529 pages), edited by MA Bogdan, Chapter 32: Rare Lung Diseases, Authors: C. E. Tudose, S. Mihaicuta, V. Tudorache, MA Bogdan, Pages 320-328, Carol Davila University Publishing House, Bucharest 2008, ISBN 978-973-708-203-1
4. Pulmonary Pathology of the Elderly (347 pages). Edited by V. Tudorache, F.D. Mihaltan, T. Mihaescu, Chapter 3: Elements of Gerontopharmacology. Implications in Respiratory System Pathology, St. Mihaicuta, pages 29-40, Didactic and Pedagogical Publishing House, Bucharest, 2004, ISBN 973-30-1324-2
5. Medical Clinic. Theory and Practice. Vol 1. (198 pages), Editors: V. Serban, PA Babes, Coordinators: E. Popescu, V. Serban, V. Tudorache, Chapter 20: Bronchiectasis, V. Tudorache, St. Mihaicuta, pages 390-396, Mirton 1999, Timisoara, ISBN 973-36-0316-3.
6. Demands and Excellence in COPD. Editors: F. Mihaltan, R. Nemes, Chapter 10: Overlap Syndrome, J. Fischer, S. Mihaicuta, pages 71-79, Estfalia Publishing, Bucharest 2011, 215 pages, ISBN 978-606-8284-01-9
7. Demands and Excellence in COPD. Editors: F. Mihaltan, R. Nemes, Chapter 11: Nocturnal Desaturations and Oxygen Therapy in COPD and OSA. S. Mihaicuta, O. Deleanu, pages 81-96, Estfalia Publishing, Bucharest 2011, 215 pages, ISBN 978-606-8284-01-9.
8. Pneumology Course for Resident Physicians, edited by V. Tudorache, Authors: N. Bertici, A. Crisan, R. Dan, S. Frent, S. Mihaicuta, O. Fira Mladinescu, C. Oancea, L. Petrescu, D. Traila, V. Tudorache, Chapters: Upper and Lower Respiratory Tract Infections (pages 107-118), Sleep Apnea Syndrome (pages 193-202), Bronchopulmonary Cancer (pages 169-186), Smoking - Consequences, Management (pages 317-330), Mirton Publishing, Timisoara 2012, 196 pages, ISBN 978-973-52-1362-6.
9. Pneumology Course for Students, Victor Babes Publishing, 2019, Timisoara, ISBN 978-606-786-157-0: Pleural Effusions, S. Frent, S. Mihaicuta, pages 120-122, Sleep Disordered Breathing, S. Mihaicuta, pages 144-149.
10. Pneumology Course for Students, Victor Babes Publishing, 2019, Timisoara, ISBN 978-606-786-152-5: Pleurisies, S. Frent, S. Mihaicuta, pages 123-140, Respiratory Disorders During Sleep, pages 152-157.
11. Treatment Algorithm in Pulmonary Embolism, S. Mihaicuta, pages 54-58, in Therapy Algorithm in Pneumology, Medical Publishing House, 2015, ISBN 978-973-39-0796-1.
12. Pneumology team, Mediamed Publicis Publishing House, Bucharest 2013, ISBN 978-606-8463-08-7.

13. Tuberculosis - Course for Students, Ministry of Health, M Nasta Institute of Pneumology, Material developed by D. Bumbacea, L. Ditiu, C. Toma, C. Tudose. Contributors: IP Stoicescu, E. Corlan, MA Bogdan, T. Mihaescu, V. Tudorache, C. Didilescu, M.Popescu, G. Jimborean, C. Marica, M.Pop, M. Nitu, O. Arghir, I. Strimbu, A. Macri, D. Chiotan, A. Dragomir, V. Spinu, S. Mihaicuta, D. Ciobanu, M. Crisan, G. Nini, O. Nicolaescu. 2005, 40 pages.

14. Assessment of Pulmonary Function During Sleep, Pulmonary Rehabilitation Treatise (486 pages), Editors: VM Tudorache, S. Lovin, M. Friesen, Chapter 3.5.7. Authors: S Mihaicuta, S Frent, V. Tudorache, pages 146-155, Mirton Publishing, Timisoara, 2009, ISBN 978-973-52-0574-4

15. Respiratory Disorders During Sleep. In Pneumology Treatise for Resident Physicians (560 pages). Pages 322-336. Editors: C. Oancea, O. Fira Mladinescu, V. Tudorache, Victor Babes Publishing, Timisoara 2021, CNCSISI 324, ISBN 978-606-786-226-3

16. Impact of the ASPIRA Program, a Computer-Assisted Program for Adolescent Smoking Prevention. V Nadasan, K L Foley, M Penzes, E. Paulik, Z. Abram, J Balint, M Csibi, S Mihaicuta, R Urban, pages 69- 89, in Developing Research Capacity in Smoking, Zoltan Abram, Valentin Nadasan, University Press Targu Mures, 2018, 230 pages, ISBN 978-973-169-521-1.

**Bachelor's and Master's Thesis Coordinator**

Coordinator of 38 bachelor's theses for students in the Romanian and English language sections and 16 master's theses - Department of Master Studies, Prevention, and Rehabilitation in Cardio-Pulmonary Diseases.

**Member of specialty promotion committees**

Member in 17 promotion committees within the clinical hospital or UMF specialty.

**Recognition of activity**

9 diplomas of excellence

**Research grants and mobilities**

4 international mobility grants (3 Gold, 1 Silver)

Grant 1. International travel grants from European Respiratory Society- Silver sponsorship to attend ERS congress Munich 6-10 sept 2014, Co-author "AER Score- an efficient predictor for sleep apnea syndrome".

Grant 2. International travel grants from European Respiratory Society- Gold sponsorship to attend ERS congress Munich 6-10 sept 2014, C-author "Network-based Assessment of Sleep Apnea Syndrome Treatment Response".

Grant 3. Gold Sponsorship for ERS International Congress in Amsterdam, 26-30 September 2015, Eur

Respir J 2015 46(Suppl. 59):PA3355.

Grant 4. International travel grant from ERS- Gold, - Gold sponsorship to attend ERS congress, Madrid 2019. Co-author of paper SAS score, STOP-Bang and NoSAS - targeting high-specificity for population-wide monitoring of obstructive sleep apnea.

**Member in Professional Societies**

European Respiratory Society (ERS)  
European Sleep Research Society  
Federation of European Neuroscience Society  
Romanian Pneumology Society  
Israeli Medical Association

Data 02.03. 2024