

## CURRICULUM VITAE



### *Personal informations*

**First/Last Name:** NICOLETA SORINA BERTICI

**Address:** University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square, no. 2, RO-300041

**Gender:** Female

**Nationality:** Romanian

**Native language:** Romanian

**Foreign languages known:** French, English

**Computer skills:** Advanced computer skills (Microsoft Office: Word / Excel / PowerPoint, SPSS, Adobe Acrobat)

**Social Skills and Abilities:** Team spirit. Ability to adapt to new working conditions, ability to communicate and interact with people from different backgrounds

**Organizational skills and competencies:** initiative and organizational capacity

**Driving license:** category B

### *Education*

- 2005 - 2010 doctoral student, 10/22/2010 Public presentation of the doctoral thesis, Doctor of medicine, confirmation by OMECTS 4387 / 06.06. 2011, University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square, no. 2, RO-300041
- 2009 Primary Pulmonologist Exam, WHO Certificate 1200/01 of 10.2009, University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square, no. 2, RO-300041
- 2004 Specialist Pulmonologist Exam, WHO Certificate no. 500 / 04.30.2004. series A. no. 0017628 Romanian Ministry of Health
- 1999 National residency entrance exam in Bucharest, Certificate of confirmation of resident pulmonologist doctor - WHO no. 2060/44 / 07.03.1999 Romanian Ministry of Health
- 1991 - 1997 Faculty of General Medicine, 1997 Graduation diploma - Series P0069404 University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square, no. 2, RO-300041

### *Professional experience*

- 09.23.2013 and now – Lecturer,. Specific educational activities, Department of Pulmonology, University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square, no. 2 RO-300041
- 24.02 2003 - 23.09.2013 - University assistant, Specific educational activities, Department of Pulmonology University of Medicine and Pharmacy Timisoara Place Eftimie Murgu, no. 2 RO-300041

- 01.02.2009 and currently - Primary Pulmonologist, Clinical Medical Activity, Pneumology Clinic II, Hospital Clinic "Victor Babes" Timisoara 13 Gheorghe Adam Street
- 25.03.2004 - 31.01 2009 --Specialist pulmonologist, Clinical medical activity, Pneumology Clinic II, Victor Babes Clinical Hospital" Timisoara, 13 Gheorghe Adam Street
- 01.04.1999 - 24.03.2004 - Resident pulmonologist. Clinical medical activity Timisoara County Clinical Hospital
- 01.01 1998 - 03.31.1999 - Intern, clinical medical activity. Timisoara Municipal Hospital

### *Courses*

1. Paraclinical functional investigation of the cardiovascular and respiratory system” - UMFTimisoara, 2002.
2. Quit smoking - SRP Bucharest course, 2003
3. Educational psychology course - UMF Timisoara, 2003
4. Difficult asthma - SRP Sibiu Congress, 2004
5. Pulmonary rehabilitation - general notions - Constanta SRP Congress. May 2008.
6. Good clinical practices course - Timisoara, May 2009
7. Cardiopulmonary exercise test - Course organized by the European Respiratory Society, Bucharest, October 2010
8. Educational psychology courses Module I and II, University of Timisoara West - Series X 0025115/2014 / Series X 0025481 /201
9. Somnology skill - series C 047102 with no. registration 49022/16.01.2020
10. Coordinator of the postgraduate course "Pulmonary hypertension - multidisciplinary approach before and after the COVID-19 pandemic", period November 3-24, 2021, UMF \*V. Babes" Timisoara and accredited by the Romanian College of Physicians with 24 EMC
11. 13th European PH Meeting, 26-27.Nov 2021, <https://european-ph-meeting.org/>
12. ERS course “Virtual school on pulmonary hypertension”, 25.Jan.2022, 8:45 – 18:00, <https://www.ersnet.org/ers-respiratory-channel/virtual-school-on-pulmonary-hypertension/>.
13. INSPIRO project – Educational intervention against non-adherence to inhalation therapy for Romanian asthma and COPD patients, December 2020 Pneumologia 69(2):87-96, DOI: 10.2478/pneum-2020-0019
14. Coordinator of the postgraduate course “Update in Pulmonary Hypertension” - organized in November 2023, accredited by the Romanian College of Physicians with 20 EMC

**Competence in Somnology - series C 047102 with no. registration 49022 / 01/16/2020**

### *Scientific activity and experience in clinical studies:*

Principal investigator in four studies and sub-investigator in 15 clinical trials

**Membership of companies, scientific and professional associations:** Member of European Respiratory Society (ERS), Member of the Romanian Society of Pulmonology (SRP), Founding member of the Air Pure Romania association, Online group initiation: rezi\_pneumo\_tm@yahoogroups .com

### *Rewards obtained:*

1. Prize for the best abstract - "BODE, DOSE, COPD" - Nicoleta Bertici, Adriana Chis, C. Oancea, Ana-Maria Pop, V. Tudorache, National Congress of the Romanian Society of Pneumology, Constanta May 2008, Vol. summaries, page 28.

2. Prize of the Romanian Academy in 2011 for "Pulmonary Rehabilitation Treaty" - Voicu Tudorache, co-author chap.3.3 "The role of respiratory and peripheral muscle function in pulmonary rehabilitation", Mirton Publishing House 2009, ISBN 978 - 973-52-0574 -4
3. The best posters on physical inactivity, muscle dysfunction and exercise intolerance "The usefulness of pedometry in patients with chronic obstructive pulmonary disease", poster P4762 / Room A5 / 5.Sept, Annual Congress of the European Respiratory Society, Vienna September 1-5, 2012, N. Bertici, V. Tudorache, O. Fira Mladinescu, C. Oancea, I. Marincu.
4. The best eposters - A decade of activity in the treatment of patients with pulmonary arterial hypertension at the Timisoara Center, Nicoleta Bertici, Voicu Tudorache, "Victor Babes" University of Medicine and Pharmacy Timisoara, Department of Pulmonology, PHADER Spring Forum, Sibiu March 1-2, 2019 Contributions scientifiques pertinentes.

- Extended articles published in journals rated ISI = 8
- Articles published in BDI indexed journals = 5
- Articles published in recognized journals CNCSIS B+ = 3
- Articles published in recognized journals CNCSIS B = 2
- Papers presented at international conferences/congresses = 18
- Courses, monographs, book chapters = 7 (co-authors)

#### **Books:**

1. Pulmonary pathology of the elderly, Voicu Tudorache, co-author, Didactic and Educational Publishing House, 2004, ISBN 973-30-1324-2.
2. Pulmonary rehabilitation treaty, Voicu Tudorache, co-author N. Bertici chap.3.3 "The role of respiratory and peripheral muscle function in pulmonary rehabilitation", Mirton Publishing House 2009, ISBN 978-973-52-0574 -4.
3. Practical somnography course, Victor Babes Publishing House Timisoara, 2010 ISBN 978-606-8054-16-2
4. Assessment of respiratory diseases from the point of view of medical recovery, Voicu Tudorache, co-author, EUROBIT Timisoara Publishing House 2011, ISBN 978-973-620-788-4.
5. Pulmonology Course - Voicu Tudorache, co-author of chapters 1, 16, 17, 19, Mirton Publishing House 2012, ISBN 978-973-52-1279-7.
6. Pneumology course for students - co-author, publishing house „Victor Babeş“, 2019, ISBN 978-606-786-152-5
7. Pulmonology courses for students. co-author, Victor Babeş Publishing House, Timișoara, 2019, ISBN 978-606-786-157-0.

#### **Detailed articles:**

1. Auricular myxoma - a challenge for the pulmonologist, Tudorache Voicu, Bertici Nicoleta, Potre-Oncu Rodica, Ularu Gheorghe, Pneumologie n°2 / 2004.
2. COPD approach as a multisystemic condition, Nicoleta Bertici, Cristian Oancea, Voicu Tudorache - Medicine in Evolution 2009 Vol XV, nr.2, pag.57-59.
3. The assessment of muscle wasting in patients with COPD, Nicoleta Bertici, Cristian Oancea, Voicu Tudorache - Evolving Medicine 2010 Vol XVI, nr.1, pag.19-24.

4. Systemic determination in COPD, Nicoleta Bertici, Voicu Tudorache, Marius Butur - *Evolving Medicine* 2010, Vol XVI, nr.2, pag.5-10.
5. Muscle assessment in COPD, Somesan Alexandru, Ioana Ungureanu, Voicu Tudorache, Nicoleta Bertici, Monica Marc, Ovidiu Fira Mladinescu, Emanuela Teodora Tudorache, Cristian Oancea - *Evolving Medicine* 2012 Vol XVIII nr.2 pag.304-310, ISSN 2065 -376X.
6. The usefulness of pedometry in patients with chronic obstructive pulmonary disease, Nicoleta Bertici, Fira-Mladinescu Ovidiu, Oancea Cristian, Tudorache Voicu - *Multidisciplinary Respiratory Medicine Journal* 2013, 8: 7, DOI: 10.1186 / 2049-6958-8-7 URL: <http://www.mrmjournal.com/content/8/1/7>
7. Foodborne type B botulism in two nurses from western Romania, Iosif Marincu, Nicoleta Bertici, Livius Tirnea, *HealthMED*, Vol.7, N.12/2013 pp. 3127-3131, ISSN 1840-2291 e-ISSN 1986-8103
8. Imported visceral leishmaniasis in western Romania: report of four cases, Iosif Marincu, Nicoleta Bertici, Livius Tirnea, Department of Infectious Diseases, Pneumology and Parasitology, “Victor Babes” University of Medicine and Pharmacy, Timisoara, Romania . *HealthMED - Volume 8 / Number 2/2014*, pp. 295-297.
9. Neglected prognostic factors in patients with pulmonary arterial hypertension, Nicoleta Bertici, Iosif Marincu, Voicu Tudorache, *HealthMED - Volume 8 / Number 8/2014*, pp 976-980.
10. Dyspnea – a valuable clue in the diagnosis of a rare disease, Dobrescu, Larisa, Bertici, Nicoleta, *Pneumologia*, vol.71, no.1, 3922, pp.47-51. <https://doi.org/10.2478/pneum-2023-0015>
11. Comorbidities, Treatment and Survival Rates of Chronic Thromboembolic Pulmonary Hypertension in a Regional Centre, Razvan Adrian Bertici; Nicoleta Sorina Bertici; Amalia Ridichie; Ovidiu Fira-Mladinescu,: *J. Clin. Med.* 2024, Volume 13, Issue 10, 2754, doi: 10.3390/jcm13102754, <https://www.mdpi.com/2077-0383/13/10/2754>
12. Concomitance of Pericardial Tamponade and Pulmonary Embolism in an Invasive Mucinous Lung Adenocarcinoma with Atypical Presentation: Diagnostic and Therapeutic Pitfalls—Case Report and Literature Review, Nicoleta Sorina Bertici, Cristina Tudoran , Razvan Adrian Bertici, Ovidiu Fira-Mladinescu , Dragos Catalin Jianu, Caius Glad Streian, Raluca Elisabeta Staicu, Andrei Raul Manzur, Ana Lascu, *ijms*-3096149; doi: 10.3390/ijms25158413
13. Obstructive Sleep Apnea and Outcomes in Cardiac Surgery: A Systematic Review with Meta-Analytic Synthesis (PROSPERO CRD420251049574), Andrei Raul Manzur , Alina Gabriela Negru,\* Iulia Raluca Munteanu , Andreea-Roxana Florescu\*, Ana Lascu, Ramona Cristina Novaconi, Nicoleta Sorina Bertici, Alina Mirela Popa and Stefan Mihaicuta, *Biomedicines*, Volum 13, Issue 7, 10.3390/biomedicines13071579
14. Paradoxical Use of Benralizumab in Reactive Hypereosinophilia from Toxocariasis and Tuberculosis Co-Infection—Case Report and Literature Review, Bertici, N.S.; Cut, T.G.; Ridichie, A.; Manzur, A.R.; Bertici, R.A.. *Int. J. Mol. Sci.* **2025**, *26*, 8117. <https://doi.org/10.3390/ijms26178117>
15. Compatibility Studies of Sildenafil-HPBCD Inclusion Complex with Pharmaceutical Excipients, Bertici, R.A.; Ridichie, A.; Bertici, N.S.; Ledeti, A.; Ledeti, I.; Văruț, R.-M.; Sbârcea, L.; Albu, P.; Rădulescu, M.; Rusu, G.; et al.. *Pharmaceutics* **2025**, *17*,1114. <https://doi.org/10.3390/pharmaceutics17091114>
16. Updates on the therapeutic approach to pulmonary arterial hypertension, December 2025, Ioan Mircea Coman, Roxana Enache, Georgiana Olaru, Raluca Rancea, Tudor Constantinescu, Andrei Neagu, Miron Al. Bogdan, Ioan Țilea, Andreea Varga, Nicoleta Bertici, Ovidiu Fira-Mladinescu, Anda Tesloianu, Alexandru Steriade, Dragoș Bumbacea, *Romanian Journal of Cardiology*, DOI: [10.2478/rjc-2025-0035](https://doi.org/10.2478/rjc-2025-0035)

17. Subclinical carotid atherosclerosis is present from early COPD stages being in a close relationship with systemic inflammation, Ioana Ciortea, Emanuela Tudorache, Corneluta Fira-Mladinescu, Crisan Alexandru-Florian, Wellmann Norbert, Ana Adriana Trusculescu, Nicoleta Sorina Bertici, Daniel Traila, Cristian Oancea, Ovidiu Fira-Mladinescu, *Journal of Clinical Medicine*, J.Clin.Med. 2026, 15(1), 180, <https://doi.org/10.3390/jcm15010180>

#### Participation in clinical trials:Principal investigator

1. **AC-055-305 / MAESTRO** – A multi-center, double-blind, randomized, placebo-controlled, parallel group, Phase 3 study to evaluate the effects of macitentan on exercise capacity in subjects with Eisenmenger Syndrome, sponsor Actelion, 2013 – 2015.
2. **DB2116961** – a multicentre, randomised, blinded, parallel group study to compare UMEC/VI (Umeclidinum/ Vilanterol) in a fixed dose combination with Indacaterol plus Tiotropium in symptomatic subjects with moderate to very severe COPD, sponsor GSK, 2014 – 2015.
3. **Study 205715** – A phase III, randomized, double-blind, active controlled, parallel group study, comparing the efficacy, safety and tolerability of the fixed dose combination FF/UMEC/VI with the fixed dose dual combination of FF/VI, administered once-daily via a dry powder inhaler in subjects with inadequately controlled asthma, sponsor GSK, 2016 – 2019
4. **AR-DEX-22-03**, A Randomized, Double-blind, Placebo-controlled, Parallel-group Study to Assess the Efficacy, Safety, and Tolerability of Dexamipexole Administered Orally for 24 Weeks in Participants With Eosinophilic Asthma, sponsor Areteia Therapeutics, 2023 – 2025
5. **D5241C00007**, A Randomised, Double-blind, Placebo-controlled, Parallel Group, Multicentre, Phase III Study to Evaluate the Efficacy and Safety of Tezepelumab in Adult Participants with Moderate to Very Severe Chronic Obstructive Pulmonary Disease (JOURNEY), 2025- ongoing, Clinical Study Protocol - 1.0 Tezepelumab -, AstraZeneca, 2025 - ongoing

#### Participation in clinical trials:Sub-investigator

1. **CMEX839BDE03** A randomized double-blind , multi-center comparison of efficacy and safety of certoparin ( 3000 U anti-Xa o.d ) with unfractionated heparin (5000 IU t.i.d.) in the prophylaxis of thromboembolic events in acutely ill medical patients. The study is ongoing. 10 pts included. 2007
2. **P903-08** A phase multi-center, randomized double blind, comparative study, to evaluate the safety and efficacy of Ceftaroline versus Ceftriaxone with adjunctive Clarithromycine, in the treatment of adult subjects with community acquired pneumonia. Sponsored by Cerexa –2009.
3. **Studiul A 1481244** A multinational, multicentre, randomized, parallel group, double-blind study to assess the efficacy and safety of 1mg, 5 mg and 20 mg TID of oral sildenafil in the treatment of subjects aged 18 years and over with pulmonary arterial hypertension (PAH), Pfizer, 2008-2010
4. **Studiul de faza II** , randomizat, dublu orb, controlat placebo, pe grupe paralele, multicentric pentru evaluarea eficacitatii si sigurantei CAT 354, un anticorp monoclonal uman recombinant directionat impotriva IL13 in controlul astmului bronsic la adulti cu astm necontrolat persistent-sever, 2009-2010
5. **Studiul GW685698+GW6424444** A 24-week study to evaluate the efficacy and safety of fluticasone furoate and the individual components delivered once daily via a

novel dry powder inhaler compared with placebo in subjects with chronic obstructive pulmonary disease, GSK, 2010.

6. **Studiul ERD-01-08/EP** The efficacy and safety of erdosteine in the long-term therapy of chronic obstructive pulmonary disease, Edmond Pharma, 2010.
7. **CEM01-300** - A Randomized, Double-Blind, Multi-Center Study to Evaluate the Efficacy and Safety of Oral Solithromycin (CEM-101) Compared to Oral Moxifloxacin in the Treatment of Adult Patients with Community-Acquired Bacterial Pneumonia, Study Phase: 3, Sponsor: Cempra Pharmaceuticals, Inc. 2013 – 2014.
8. **CQVA149A2318** - A 52-week Treatment, Multi-center, Randomized, Double-blind, Double Dummy, Parallel-group, Active Controlled Study to Compare the Effect of QVA149 (Indacaterol Maleate / Glycopyrronium Bromide) With Salmeterol/Fluticasone on the Rate of Exacerbations in Subjects With Moderate to Very Severe COPD. (FLAME), sponsor Novartis Pharma, 2013-2015.
9. **CEM01-301**- A Randomized, Double-Blind, Multi-Center Study to Evaluate the Efficacy and Safety of Intravenous to Oral Solithromycin (CEM-101) Compared to Intravenous to Oral Moxifloxacin in the Treatment of Adult Patients with Community-Acquired Bacterial Pneumonia, Study Phase: 3, Sponsor: Cempra Pharmaceuticals, Inc. 2014 – 2015.
10. **SYN-004** – A Phase 2h, parallel-group, double blind, placebo-controlled, multicenter study of SYN-004 compared to placebo for the prevention of Clostridium difficile associated diarrhea in patients with a diagnosis of lower respiratory tract infection, sponsor Synthetic Biologics, 2016.
11. **W-4873-201** - A Phase II, Randomized, Double-Blind, Multicenter, Comparative Study to Determine the Safety, Tolerability, Pharmacokinetics and Efficacy of Oral Nafithromycin Versus Oral Moxifloxacin in the Treatment of Community-Acquired Bacterial Pneumonia (CABP) in Adults, sponsors Wockhardt ACM, 2016- 2017
12. **PTK0796-CABP-1200** - A Phase 3 Randomized, Double-Blind, Multi-Center Study to Compare the Safety and Efficacy of Omadacycline IV/PO to Moxifloxacin IV/PO for Treating Adult Subjects with Community-Acquired Bacterial Pneumonia (CABP), sponsor Paratek 2016
13. **APD811-003** - An Open-label Pilot Study followed by a Double-blind, Randomized, Parallel-group, Placebo-controlled Phase 2 Trial of APD811, an oral IP Receptor Agonist, in Patients with Pulmonary Arterial Hypertension, phase 2 study, sponsor Arena Pharmaceuticals, Inc., 2015 - ongoing.
14. **GSK 205705** - A Phase III, 24 week, randomized, double-blind, parallel group study, comparing the efficacy, safety and tolerability of the fixed dose combination FF/UMEC/VI with the fixed dose dual combination of FF/VI, administered once-daily via a dry powder inhaler in subjects with inadequately controlled asthma, sponsor GSK, 2017 - 2018
15. **ML-3341-306** - Phase 3 trial comparing Baxdela (delafloxacin), an investigational fluoroquinolone, to moxifloxacin for the treatment of hospitalized patients with radiographic evidence of community-acquired bacterial pneumonia (CABP), sponsor Melinta Therapeutics, 2017-2018.

**Date**  
**26.02.2026**

**Signature**