



 Piața Eftimie Murgu Nr. 2, 300041, Timișoara

 razvan.zimbru@umft.ro, zimbru.razvan@gmail.com

Sex Male | Date of birth 06/07/1994 | Nationality romanian

PROFESSIONAL EXPERIENCE

- 2025 – present** **ENT Specialist Physician**
Medical 33 Clinic, 30 Martir Cernăianu Street, Timișoara, Romania
Sector: Healthcare
- 2025 – present** **General Surgery Resident Physician**
Timiș County Emergency Clinical Hospital Pius Brinzeu Timisoara, Romania
- 2020 - 2025** **ENT Resident Physician**
Timișoara Municipal Emergency Clinical Hospital (SCMUT), ENT Clinic
Clinical training and research activities
Sector: Healthcare
- 2019 – present** **Assistant Lecturer – Physiology**
Victor Babeș University of Medicine and Pharmacy, Timișoara
Department III – Functional Sciences
Teaching and research activities
- 2020-2021** **Researcher – INSPIRED Project (SMIS Code 103662)**
OncoGen – Center for Gene and Cellular Therapies in Cancer Treatment
Research activities
- 2010 -2012** **Volunteer at Romanian Red Cross Society**
Romanian Red Cross Society – Maramureș Branch, Baia Mare
Training activities

EDUCATION AND TRAINING

- 2022 – 2023** **Postgraduate Psycho-Pedagogical Training Program (Level I & II – Teaching Certification in Medicine)**
West University of Timișoara
▪ Psycho-pedagogical training activities
- 2019 – present** **PhD Candidate**
Victor Babeș University of Medicine and Pharmacy, Timișoara
- July 2018 – August 2018** **Clinical Internship – Ophthalmology and Anesthesia–Intensive Care**
CHU Timone Hospital, Marseille, France
- September 2017 – February 2018** **Erasmus+ Mobility Program**
Aix-Marseille University, France
▪ Pediatrics
▪ Pediatric Surgery
▪ Ophthalmology

- Oncology
- Hematology

2013 – 2019 **MD Student – General Medicine**
Victor Babeș University of Medicine and Pharmacy, Timișoara

2009 – 2013 **High School Student**
National College “Gheorghe Șincai”, Baia Mare

- Mathematics–Informatics Intensive Profile

PERSONAL COMPETENCIES

Mother Tongue Romanian

Foreign Languages	Listening	Reading	Speaking	Writing
English	B2	B2	B2	B2
Cambridge ESOL Level 1 Certificate in ESOL International - Council of Europe Level B2				
French	C1	C1	C1	C1
Language Competency Certificate – West University of Timișoara				

Common European Framework of Reference for Languages

Professional Competencies

- Scientific Department Leader, Romanian Students’ Surgical Society (2015–2016)
- Organizer, main trainer, trainer and participant in surgical skills workshops (Knots & Sutures, Digestive, Vascular and Plastic Surgery)
- Volunteer – General Surgery Department, Emergency County Hospital “Dr. Constantin Opreș”, Baia Mare
- Active scout volunteer, Romanian Mountain Scouts Association (2009–2015)
- Ambulance volunteer, Maramureș County Ambulance Service (2013)

Digital Competencies Advanced digital competencies certification

Driving License ▪ AM, B1, B

ADDITIONAL INFORMATION

A. Grants

- Erasmus+ Study and Placement Scholarship, Marseille, France (2017–2018)

B. Awards

1. **FIRST PRIZE:** The XXIst International Congress for Medical Students and Young Doctors “MEDIS Timișoara 2019”- "One pathology, two cases - Cardiac involvement in Fabry Disease", Autor: Elena-Larisa ZBÎRCEA (ZIMBRU), Co-Autori: Flavia GOANȚĂ MD, **Răzvan Ionuț ZIMBRU** Coordonator: Adina IONAC MD PhD;
2. **MENTION:** UMFVBT Days 2019 – “IMMUNOTHERAPY: PURSUING IMMUNOLOGIC TOLERANCE IN ALLERGIC PATIENTS”, Author: Răzvan Ionuț ZIMBRU, Co-Authors: Carmen PANAITESCU; Elena-Larisa ZIMBRU (ZBIRCEA), Paul T. TĂMAȘ
3. **MENTION:** The XIXth International Congress for Medical Students and Young Doctors “MEDIS Timișoara 2016” - "Pediatric Obstructive Sleep Apnea – Case report", Author: Elena-Larisa ZBÎRCEA (ZIMBRU), Co-Authors: Răzvan Ionuț ZIMBRU, Cristina MOTȚ, Scientific Coordinator: Ioana CIUCĂ - MD, Gabriela DUȚĂ - MD, Liviu POP – MD

C. Scientific Publications

1. Panaitescu C, Haidar L, Buzan M-R, **Zimbru RI**, Iovin V-C, Zimbru E-L, Lăcuițeanu A and Agache I (2026) Endotype-driven decisions in choosing a biologic for airway diseases. *Front. Allergy* 6:1754173. doi: 10.3389/falgy.2025.1754173
2. Haidar, L.; Bănărescu, C.F.; Uța, C.; Zimbru, E.-L.; **Zimbru, R.-I.**; Tîrziu, A.; Pătrașcu, R.; Șerb, A.-F.; Georgescu, M.; Nistor, D.; et al. Beyond the Skin: Exploring the Gut–Skin Axis in Chronic Spontaneous Urticaria and Other Inflammatory Skin Diseases. *Biomedicines* 2025, 13,2014. <https://doi.org/10.3390/biomedicines13082014>

3. **Zimbru, R.-I.**; Zimbru, E.-L.; Bojin, F.-M.; Haidar, L.; Andor, M.; Harich, O.O.; Tănăsie, G.; Tatu, C.; Mailat, D.-E.; Zbîrcea, I.-M.; et al. Connecting the Dots: How MicroRNAs Link Asthma and Atherosclerosis. *Int. J. Mol. Sci.* 2025, 26, 3570. <https://doi.org/10.3390/ijms26083570>
4. **Zimbru R-I**, Grijincu M, Tănăsie G, Zimbru E-L, Bojin F-M, Buzan R-M, Tămaș T-P, Cotarcă M-D, Harich OO, Pătrașcu R, et al. Breaking Barriers: The Detrimental Effects of Combined Ragweed and House Dust Mite Allergen Extract Exposure on the Bronchial Epithelium. *Applied Sciences*. 2025; 15(8):4113. <https://doi.org/10.3390/app15084113>
5. Haidar L, Bănărescu CF, Uța C, Moldovan SI, Zimbru E-L, **Zimbru R-I**, Ciurariu E, Georgescu M, Panaitescu C. Pollen–Food Allergy Syndrome: Allergens, Clinical Insights, Diagnostic and Therapeutic Challenges. *Applied Sciences*. 2025; 15(1):66. <https://doi.org/10.3390/app15010066>
6. Zimbru E-L, **Zimbru R-I**, Ordodi V-L, Bojin F-M, Crîsnic D, Andor M, Mirica S-N, Huțu I, Tănăsie G, Haidar L, et al. Rosuvastatin Attenuates Vascular Dysfunction Induced by High-Fructose Diets and Allergic Asthma in Rats. *Nutrients*. 2024; 16(23):4104. <https://doi.org/10.3390/nu16234104>
7. Uța C, Tîrziu A, Zimbru E-L, **Zimbru R-I**, Georgescu M, Haidar L, Panaitescu C. Alloimmune Causes of Recurrent Pregnancy Loss: Cellular Mechanisms and Overview of Therapeutic Approaches. *Medicina*. 2024; 60(11):1896. <https://doi.org/10.3390/medicina60111896>
8. **Zimbru R-I**, Zimbru E-L, Ordodi V-L, Bojin F-M, Crîsnic D, Grijincu M, Mirica S-N, Tănăsie G, Georgescu M, Huțu I, et al. The Impact of High-Fructose Diet and Co-Sensitization to House Dust Mites and Ragweed Pollen on the Modulation of Airway Reactivity and Serum Biomarkers in Rats. *International Journal of Molecular Sciences*. 2024; 25(16):8868. <https://doi.org/10.3390/ijms25168868>
9. **Zimbru RI**, Haidar L, Zbîrcea LE, Zimbru EL, Panaitescu C: Noi direcții în imunoterapia alergică, *Alergologia*, 10.26416/Aler.4.2.2020.3540, 2020
10. G Stancu, G Stancu, Țegian R, **Zimbru R**. The morphological exploration of the spinal canal, spinal cord and spinal nerves, *Romanian Journal of Functional and Clinical, Macro- and Microscopical Anatomy and of Anthropology*, Edition No.1, Iași, 2015

D. Scientific Presentations and Posters

1. Presentation: **Zimbru RI**, MedMysteries solved, 13 May 2024, EMSA, Timisoara
2. Presentation: Tănăsie G, Georgescu M, **Zimbru RI**, Zimbru EL, In vitro modulation of bronchial responsiveness (Modularea in vitro a responsivității bronșice, Al XIV-lea Congres al Societății Române de Fiziologie, Fiziologia azi: între concept, inovație tehnologică și aplicația clinică, 17-19 Octombrie 2024, Cluj-Napoca, România)
3. Presentation: **Zimbru RI**, Grijincu M, Haidar L, Tănăsie G, Zimbru EL, Zbircea LE, Buzan R, Georgescu M, Tatu C, Panaitescu C. Rolul disfuncției barierei epiteliale bronșice în patogeneza astmului. Conferința națională a Societății Române de Fiziologie, 19-21 Octombrie 2023, Târgu-Mureș, România
4. Presentation: **Zimbru RI**, Zimbru EL, Georgescu M, Ordodi V, Bojin F, Tănăsie G, Grijincu M, Buzan RM, Zbircea LE, Haidar L, Tatu C, Panaitescu C. Evaluarea impactului alergiei la polenul de ambrozia și acarienii din praful de casă asupra reactivității traheo-bronșice pe model animal. Conferința națională a Societății Române de Fiziologie, 19-21 Octombrie 2023, Târgu-Mureș, România
5. Presentation: Horhat D, Poenaru M, Moț IC, Boia ER, Guran K, Tischer A, **Zimbru RI**, Balica NC. Unraveling the functional endoscopic sinus surgery's significance in sinonasal tumours. Plastic Surgery and Corrective Dermatology Conference, 3rd Edition, 21-23 October 2022, Timișoara, Romania
6. Presentation: Horhat D, Poenaru M, Moț IC, Boia ER, Guran K, Tischer A, **Zimbru RI**, Balica NC. The key role of functional endoscopic sinus surgery (FESS) in the management of rhinosinusitis. Plastic Surgery and Corrective Dermatology Conference, 3rd Edition, 21-23 October 2022, Timișoara, Romania
7. Presentation: Tănăsie G, **Zimbru RI**, Grijincu M, Margineanu BM, Zbircea LE; Buzan RM, Haidar L, Tatu C, Panaitescu C. Aeroallergens impair the barrier function of the bronchial epithelial cells - an in vitro study, The largest Romanian conference of Neuroscience and Physiology with international participation: From brain to heart and back, Bucharest, September 29th - October 1st, 2022
8. **Zimbru RI**. Rinita alergică. Ziua Mondială a Astmului, Asthmaton by Oncogen, 14-15 Mai 2022
9. E-poster: **Zimbru RI**, Grijincu M, Mărgineanu MB, Buzan MR, Mabda MC, Zimbru EL, Zbîrcea LE, Cotarcă MD, Tămaș PT, Tănăsie G, Panaitescu C. The affliction given by exposure to Ragweed and HDM extracts on bronchial epithelial cells in transwell culture system, National Conference of Allergology and Clinical Immunology, June 24th-26th, 2021
10. E-poster: Zimbru EL, **Zimbru RI**. Fabry Disease: Understanding The Importance Of Early Diagnosis And Treatment, SRF 2019 CONFERENCE Physiology Today: Innovation, Integration, Translation
11. E-poster: **Zimbru RI**, Zimbru EL. Allergen specific immunotherapy in patients with respiratory allergies, SRF 2019 CONFERENCE Physiology Today: Innovation, Integration, Translation

12. Zimbru EL, Goanță F, **Zimbru RI**, Ionac A. One pathology, two cases - Cardiac involvement in Fabry Disease, The XXIIInd International Congress for Medical Students and Young Doctors "MEDIS Timișoara 2019"
13. **Zimbru RI**, Zimbru EL, Tămaș P, Panaitescu C. Immunotherapy: pursuing immunologic tolerance in allergic patients, Zilele Universității de Medicină și Farmacie "Victor Babeș" Timișoara 2019
14. Zbircea EL, **Zimbru RI**, Moț C, Ciucă I, Duță G, Pop L. Pediatric Obstructive Sleep Apnea – Case report, The XIXth International Congress for Medical Students and Young Doctors "MEDIS Timișoara 2016"

E. Conference Participation

1. SRF 2019 CONFERENCE Physiology Today: Innovation, Integration, Translation
2. Interferences – The Art of Life, 2nd edition, November 22, 2024, National Museum of Art Timișoara, Romania
3. National Conference of the Romanian Society of Physiology, October 19-21, 2023, Târgu-Mureș, Romania
4. National Conference on Allergology and Clinical Immunology, June 2-4, 2022, Romanian Society of Allergology and Clinical Immunology
5. Asthmaton by Oncogen, May 14-15, 2022, Timișoara, Romania

F. Professional Training Courses

1. 7th Practical Course on Carotid Ultrasound (June 11, 2018), Romanian Society of Vascular Surgery, Timișoara (Romania)
2. Workshop "How to write a Scientific Paper," MEDIS Timișoara, March 4, 2016, Coordinator Prof. Raica Marius, PhD

G. Scientific Event Organization

1. Asthmaton by Oncogen, 14-15 Mai 2022, Timișoara (Romania)
2. SRF 2019 CONFERENCE Physiology Today: Innovation, Integration, Translation, Timișoara, Romania
3. Conference: "Cryostripping – Metoda revoluționară în tratarea varicelor" (27/10/2016), Cercul Studentesc de Chirurgie, Timișoara (România)
4. Main Trainer - Workshop "The 22nd edition of Knots & Sutures", 24-25 octombrie 2015, Timișoara
5. Trainer - Workshop "The 1st Edition of Basic Plastic Surgery Skills", 14.1.2015
6. Trainer - Workshop "The 2nd Edition of Basic Plastic Surgery Skills", 15.1.2015
7. Conference: "Vaccination: safe or not?" (21/03/2016), Timișoara Student Pediatric Circle

Date
1.03.2026

Signature