*Cuprins portofoliu*

*Portofoliu de lucrări științifice considerate relevante, elaborate în domeniul Medicină*

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**Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. Zimbru, R.-I.; **Zimbru, E.-L**.; Bojin, F.-M.; Haidar, L.; Andor, M.; Harich, O.O.; Tănasie, 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>
2. Zimbru R-I, Grijincu M, Tănasie G, **Zimbru E-L**, Bojin F-M, Buzan R-M, Tamaș 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>
3. 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>
4. **Zimbru E-L**, Zimbru R-I, Ordodi V-L, Bojin F-M, Crîsnic D, Andor M, Mirica S-N, Huțu I, Tănasie 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>
5. 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
6. Zimbru R-I, **Zimbru E-L**, Ordodi V-L, Bojin F-M, Crîsnic D, Grijincu M, Mirica S-N, Tănasie 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

**Lucrări publicate în ultimii 10 ani în reviste şi volume de conferinţe cu referenţi (neindexate)**

1. Zimbru RI, Georgescu M, **Zimbru EL**, Tănasie G *In vitro* modulation of bronchial responsivity (Modularea *in vitro* a resposivității 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, ISSN 1223-2076
2. Zimbru RI, Grijincu M, Haidar L, Tănasie 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, ISSN 1223-2076
3. Zimbru RI, **Zimbru EL**, Georgescu M, Ordodi V, Bojin F, Tănasie 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, ISSN 1223-2076
4. Zimbru RI, Grijincu M , Mărgineanu MB, Buzan MR, Mabda MC , **Zimbru EL**, Zbîrcea LE, Cotarcă MD, Tămaș PT , Tănasie 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, Bucharest, June 24th-26th, 2021
5. Zimbru RI, Haidar L, Zbîrcea LE, **Zimbru EL**, Panaitescu C: Noi direcții în imunoterapia alergenică, Alergologia, 10.26416/Aler.4.2.2020.3540, 2020
6. **Zimbru EL**, Zimbru RI. Fabry Disease: Understanding The Importance Of Early Diagnosis And Treatment, SRF 2019 CONFERENCE Physiology Today: Innovation, Integration, Translation. Timișoara, Romania. ISSN 1223-2076
7. Zimbru RI, **Zimbru EL**. Allergen specific immunotherapy in patients with respiratory allergies, SRF 2019 CONFERENCE Physiology Today: Innovation, Integration, Translation. Timișoara, Romania. ISSN 1223-2076
8. **Zimbru EL**, Goanță F, Zimbru RI, Ionac A. One pathology, two cases - Cardiac involvement in Fabry Disease, The XXIInd International Congress for Medical Students and Young Doctors “MEDIS Timișoara 2019”
9. **Zbîrcea 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”

**Cărți:**

1. C. Panaitescu, G. Tănasie, C. Tatu, D. Nistor, L. Haidar, M. Georgescu, R. Pătrașcu, B. Mărgineanu, C. Calma, L.Goția, M. Cotarcă, **E. Zimbru**, E. Ciurariu, A. Tîrziu. Fiziologie umană Volumul II, ISBN 978-606-32-1525-4. Editura Eurostampa, Timişoara, 2025.
2. Minodora Andor, **Elena Zimbru**. Sémiologie médicale: stage pratique Vol. I, ISBN 978-606-786-191-4, [www.umft.ro/editura](http://www.umft.ro/editura), Timișoara: Editura Victor Babeș, 2020.
3. Minodora Andor, **Elena Zimbru**. Sémiologie médicale: stage pratique Vol. II, ISBN 978-606-786-192-1, [www.umft.ro/editura](http://www.umft.ro/editura), Timișoara: Editura Victor Babeș, 2020.