

## LISTA DE LUCRĂRI

### LUCRĂRI RELEVANTE

1. **Elena Bobescu**, Mariana Rădoi, Georgeta Datcu, Zoltan Galajda, Antoniu Burducea, Carmen-Daniela Neculoiu, Roxana Bârsăsteanu, Dorina Popa, Valeria Paler, Mariana Anghel. Selective inhibition of long chain 3-ketoacyl-Coenzyme-Athiolase by Trimetazidine MR in coronary heart disease induced reduction of inflammatory syndrome and oxidative stress in concordance with recovery of ECG and echocardiographic changes. *Revista Română de Medicină de Laborator* Iunie 2008:Vol. 11, Nr. 2: 29-38. [https://rrml.ro/articole/2008/2008\\_2\\_4.pdf](https://rrml.ro/articole/2008/2008_2_4.pdf) IF=0,113
2. **Elena Bobescu**. Platelet function monitoring tests in the evaluation of platelet antagonists efficacy. *Revista Română de Medicină de Laborator* Decembrie 2008:Vol. 11, Nr. 2: 7-16. [https://rrml.ro/articole/2008/2008\\_4\\_1.pdf](https://rrml.ro/articole/2008/2008_4_1.pdf) IF=0,113
3. **Bobescu, Elena**; Covaciu, Alexandru; Rus, Horatiu; Radoi, Mariana; Badea, Mihaela; Moga, Silvia N.; Benza, Valentina; Marceanu, Luigi G. Correlation of Cardiovascular Risk Factors and Biomarkers With Platelet Reactivity in Coronary Artery Disease. *AMERICAN JOURNAL OF THERAPEUTICS* SEP-OCT 2019. 26 Issue: 5 Pages: E563-E569, [https://journals.lww.com/americantherapeutics/Abstract/2019/10000/Correlation\\_of\\_Cardiovascular\\_Risk\\_Factors\\_and.1.aspx](https://journals.lww.com/americantherapeutics/Abstract/2019/10000/Correlation_of_Cardiovascular_Risk_Factors_and.1.aspx) IF=1,113
4. **Bobescu, Elena**; Covaciu, Alexandru; Rus, Horatiu; et al. Low Response to Clopidogrel in Coronary Artery Disease. *AMERICAN JOURNAL OF THERAPEUTICS* Mar-Apr 2020. 27;2: E133-E141 [https://journals.lww.com/americantherapeutics/Abstract/2020/03000/Low\\_Response\\_to\\_Clopidogrel\\_in\\_Coronary\\_Artery.1.aspx](https://journals.lww.com/americantherapeutics/Abstract/2020/03000/Low_Response_to_Clopidogrel_in_Coronary_Artery.1.aspx) , IF=1,955
5. Fatima Saqib, Khizra Mujahid, Muhammad Arif Aslam, Alotaibi Modhi, Marius Alexandru Moga, **Elena Bobescu**, Luigi Marceanu. Ex vivo and in vivo studies of Viola tricolor Linn. as potential cardio protective and hypotensive agent: Inhibition of voltage-gated Ca<sup>++</sup> ion channels. *The FASEB Journal* July 2020, 34;7:9102-9119. <https://faseb.onlinelibrary.wiley.com/doi/full/10.1096/fj.202000658R> , IF=4,966
6. **Bobescu E**, Bălan A, Moga MA, Teodorescu A, Mitrică M, Dima L. Are There Any Beneficial Effects of Spirulina Supplementation for Metabolic Syndrome Components in Postmenopausal Women? *Mar Drugs*. 2020 Dec 17;18(12):651. <https://www.mdpi.com/1660-3397/18/12/651> , IF=4,073
7. Syed Muhammad Ali Shah, Tahir Rasheed, Komal Rizwan, Muhammad Bilal, Hafiz M.N. Iqbal, Nasir Rasool, Sebastian Toma, Luigi Geo Marceanu, **Elena Bobescu**. Risk management strategies and therapeutic modalities to tackle COVID-19/SARS-CoV-2. *Journal of Infection and Public Health* 2021; 14 (3) 331-346. <https://www.sciencedirect.com/science/article/pii/S1876034120307796?via%3Dihub> , IF: 3,718
8. Khurram Javid, Umar F. Alqsair, Mohsan Hassan, M. M. Bhattid, Touqeer Ahmad, **Elena Bobescu**. Cilia-assisted flow of viscoelastic fluid in a divergent channel under porosity effects. *Biomech Model Mechanobiol* 20, 1399–1412 (2021). <https://link.springer.com/article/10.1007%2Fs10237-021-01451-7> , IF= 2,693
9. Mushtaq, A.; Anwar, R.; Gohar, U.F.; Ahmad, M.; Marc, R.A.; Mureșan, C.C.; Irimie, M.; **Bobescu, E**. Biomolecular Evaluation of Lavandula stoechas L. for Nootropic Activity. *Plants* 2021, 10, 1259. <https://www.mdpi.com/2223-7747/10/6/1259> , IF =3,935
10. **Elena Bobescu**, Luigi Geo Marceanu, Lorena Dima, Andreea Balan, Christian Gabriel Stempel and Alexandru Covaciu. Trimetazidine Therapy in Coronary Artery Disease: the Impact on Oxidative Stress, Inflammation, Endothelial Dysfunction and Long-Term Prognosis, *American Journal of Therapeutics*: Sep-Oct,2021.28;5,e540-e547. [https://journals.lww.com/americantherapeutics/Abstract/9000/Trimetazidine\\_Therapy\\_in\\_Coronary\\_Artery\\_Disease\\_.98008.aspx](https://journals.lww.com/americantherapeutics/Abstract/9000/Trimetazidine_Therapy_in_Coronary_Artery_Disease_.98008.aspx) , IF=2,688



## TEZA DE DOCTORAT

„Stresul oxidativ în sindroamele coronariene acute”, coordonator Prof. dr. Georgeta Datcu, susținută public la Universitatea de Medicină și Farmacie „Gr.T.Popa” Iași în 03.02.2006; Titlul de DOCTOR în domeniul MEDICINA Confirmat prin Ordinul Ministrului Educației și Cercetării nr. 4871/ 07.08.2006

## CARTI PUBLICATE

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2. **Elena Bobescu.** Modalități terapeutice de inhibare a funcțiilor placetare în bolile cardiovasculare. Ed University Press Targu Mures, 2009, 151p, ISBN 978-973-169-081-0, cod CNCSIS 210.

## ARTICOLE IN REVISTE

### ISI WEB OF SCIENCE (ISI WOS)

#### AUTOR PRINCIPAL

1. **Elena Bobescu,** Mariana Rădoi, Georgeta Datcu, Zoltan Galajda, Antoniu Burducea, Carmen-Daniela Neculoiu, Roxana Bârsăsteanu, Dorina Popa, Valeria Paler, Mariana Anghel. Selective inhibition of long chain 3-ketoacyl-Coenzyme-Athiolase by Trimetazidine MR in coronary heart disease induced reduction of inflammatory syndrome and oxidative stress in concordance with recovery of ECG and echocardiographic changes. Revista Română de Medicină de Laborator Iunie 2008:Vol. 11, Nr. 2: 29-38. [https://rrml.ro/articole/2008/2008\\_2\\_4.pdf](https://rrml.ro/articole/2008/2008_2_4.pdf) IF=0,113
2. **Elena Bobescu.** Platelet function monitoring tests in the evaluation of platelet antagonists efficacy. Revista Română de Medicină de Laborator Decembrie 2008:Vol. 11, Nr. 2: 7-16. [https://rrml.ro/articole/2008/2008\\_4\\_1.pdf](https://rrml.ro/articole/2008/2008_4_1.pdf) IF=0,113
3. **Bobescu, Elena;** Covaciu, Alexandru; Rus, Horatiu; Radoi, Mariana; Badea, Mihaela; Moga, Silvia N.; Benza, Valentina; Marceanu, Luigi G. Correlation of Cardiovascular Risk Factors and Biomarkers With Platelet Reactivity in Coronary Artery Disease. AMERICAN JOURNAL OF THERAPEUTICS SEP-OCT 2019. 26 Issue: 5 Pages: E563-E569, [https://journals.lww.com/americantherapeutics/Abstract/2019/10000/Correlation\\_of\\_Cardiovascular\\_Risk\\_Factors\\_and.l.aspx](https://journals.lww.com/americantherapeutics/Abstract/2019/10000/Correlation_of_Cardiovascular_Risk_Factors_and.l.aspx) IF=1,113
4. **Bobescu, Elena;** Covaciu, Alexandru; Rus, Horatiu; et al. Low Response to Clopidogrel in Coronary Artery Disease. AMERICAN JOURNAL OF THERAPEUTICS Mar-Apr 2020. 27;2: E133-E141 [https://journals.lww.com/americantherapeutics/Abstract/2020/03000/Low\\_Response\\_to\\_Clopidogrel\\_in\\_Coronary\\_Artery.l.aspx](https://journals.lww.com/americantherapeutics/Abstract/2020/03000/Low_Response_to_Clopidogrel_in_Coronary_Artery.l.aspx) , IF=1,955
5. Fatima Saqib, Khizra Mujahid, Muhammad Arif Aslam, Alotaibi Modhi, Marius Alexandru Moga, **Elena Bobescu,** Luigi Marceanu. Ex vivo and in vivo studies of Viola tricolor Linn. as potential cardio protective and hypotensive agent: Inhibition of voltage-gated Ca<sup>++</sup> ion channels. The FASEB Journal July 2020, 34;7:9102-9119. <https://faseb.onlinelibrary.wiley.com/doi/full/10.1096/fj.202000658R>, IF=4,966
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10. **Elena Bobescu**, Luigi Geo Marceanu, Lorena Dima, Andreea Balan, Christian Gabriel Stempel and Alexandru Covaciu. Trimetazidine Therapy in Coronary Artery Disease: the Impact on Oxidative Stress, Inflammation, Endothelial Dysfunction and Long-Term Prognosis, *American Journal of Therapeutics: Sep-Oct,2021.28;5:e540-e547*. [https://journals.lww.com/americantherapeutics/Abstract/9000/Trimetazidine\\_Therapy\\_in\\_Coronary\\_Artery\\_Disease\\_.98008.aspx](https://journals.lww.com/americantherapeutics/Abstract/9000/Trimetazidine_Therapy_in_Coronary_Artery_Disease_.98008.aspx), IF=2,688
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#### ISI WEB OF SCIENCE (ISI WOS) PROCEEDINGS

1. Radoi, M; Agache, I; **Bobescu, E**; Anghel, M; Duca, L. Persistence of anti chlamydia pneumoniae antibodies at 30 days and evolution with major cardiovascular events at 3 years in patients with acute coronary syndromes. *Progress In Coronary Artery Disease. 2005 Proceedings Paper*: Edited by: Lewis, BS; Flugelman, MY; Ongen, Z; Halon, DA. Pages: 89-92. 6th International Congress on Coronary Artery Disease Oct 29-Nov 01, 2005, Istanbul, Turkey.
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6. Marceanu, Luigi; **Bobescu, Elena.** Practical Aspects in Central Paroxysmal Positional Vertigo **Proceedings of National ENT, Head And Neck Surgery Conference.** 2017. Edited by: Bertesteanu, SV; Grigore, R. Pages: 141-142. Conference: National ENT, Head and Neck Surgery Conference. Sibiu, ROMANIA, May 17-20, 2017. <https://www.institutiimedicale.ro/congres-ori-chirurgie-cervico-faciala-evenimente-medicale-2017/>
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1. **Bobescu E.,** Radoi M., Datcu G., Dobreanu D., Galajda Z., Burducea A., Doka B. Evaluarea prognosticului pe termen lung și a funcției contractile a ventriculului stâng în corelație cu factorii majori de risc și riscul vascular rezidual la pacienții cu sindroame coronariene acute Jurnal Medical Brașovean, nr.4, anV/2009, pg.55-58; ISSN 1841-0782, cod CNCSIS 781 B.
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