**LISTA LUCRĂRILOR PUBLICATE**

**BRATU MELANIA LAVINIA**

**TEZA DE DOCTORAT**

Titlul tezei de doctorat: ”STUDIU PRIVIND COMPOZIȚIA CHIMICĂ ȘI CALITATEA PLANTELOR MEDICINALE SPONTANE DIN PRINCIPALELE AREALE AFECTATE DE POLUARE ALE JUDEȚULUI HUNEDOARA”

Anul susținerii: TIMIȘOARA, 2013

Conducător științific: Prof. Univ. Dr. Pirsan Paul

Instituția eliberatoare a diplomei de doctor: Universitatea de Științe Agricole și Medicină Veterinară a Banatului

**CĂRȚI DE SPECIALITATE**

1. DIETETICA –O NOUA FILOFOFIE DE VIATA!, VOL. 1 DESPRE SCHIMBARE, SIMPLITATE, SANATATE, LAVINIA MELANIA BRATU, EDITURA CORINT, ISBN 978-606-872-397-6, 2016

2. DIETETICA – O NOUA FILOFOFIE DE VIATA!, VOL. 2 HRANA PENTRU MINTE SI SUFLET, LAVINIA MELANIA BRATU, EDITURA CORINT, ISBN 978-606-872-397-6, 2016

3. DIETETICA – O NOUA FILOFOFIE DE VIATA!, VOL. 1 DESPRE SCHIMBARE, SIMPLITATE, SANATATE**,** LAVINIA MELANIA BRATU, EDITURA Eurostampa, ISBN 978-606-32-0505-7, 2018

4. DIETETICA – O NOUA FILOFOFIE DE VIATA!, VOL. 2 HRANA PENTRU MINTE SI SUFLET, LAVINIA MELANIA BRATU, EDITURA Eurostampa, ISBN 978-32-0506-4, 2018

**ARTICOLE ÎN EXTENSO**

**ARTICOLE ÎN REVISTE COTATE ISI**

1. Sandesc M, Rogobete AF, Bedreag OH, Dinu A, Papurica M, Cradigati CA, Sarandan M, Popovici SE, Bratu LM, Bratu T, Stan AT, Sandesc D. Analysis of oxidative stress-related markers in critically ill polytrauma patients: An observational prospective single-center study. Bosn J Basic Med Sci. 2018 May 20;18(2):191-197. doi: 10.17305/bjbms.2018.2306. PubMed PMID: 29310566; PubMed Central PMCID: PMC5988539.

2. Rogobete AF, Sandesc D, Papurica M, Stoicescu ER, Popovici SE, Bratu LM, Vernic C, Sas AM, Stan AT, Bedreag OH. The influence of metabolic imbalances and oxidative stress on the outcome of critically ill polytrauma patients: a review. Burns Trauma. 2017 Mar 7;5:8. doi: 10.1186/s41038-017-0073-0. eCollection 2017. Review. PubMed PMID: 28286784; PubMed Central PMCID: PMC5341432.

3, Ticlea M, Bratu LM, Bodog F, Bedreag OH, Rogobete AF, Crainiceanu ZP. The Use of Exosomes as Biomarkers for Evaluating and Monitoring Critically Ill Polytrauma Patients with Sepsis. Biochem Genet. 2017 Feb;55(1):1-9. doi: 10.1007/s10528-016-9773-6. Epub 2016 Sep 9. Review. PubMed PMID: 27612681.

4. Bratu LM, Rogobete AF, Sandesc D, Bedreag OH, Tanasescu S, Nitu R, Popovici SE, Crainiceanu ZP. The Use of Redox Expression and Associated Molecular Damage to Evaluate the Inflammatory Response in Critically Ill Patient with Severe Burn. Biochem Genet. 2016 Dec;54(6):753-768. Epub 2016 Jul 27. Review. PubMed PMID: 27465592.

5. Bratu LM(1), Rogobete AF(2)(3), Sandesc D(4)(5), Bedreag OH(4)(5), Tanasescu S(4), Nitu R(4), Popovici SE(4), Crainiceanu ZP(4) The Use of Redox Expression and Associated Molecular Damage to Evaluate the Inflammatory Response in Critically Ill Patient with Severe Burn. Biochem Genet. 2016 Dec;54(6):753-768. Epub 2016. DOI: 10.1007/s10528-016-9763-8 PMID: 27465592 [Indexed for MEDLINE]

6. Ivan MV, Rogobete AF, Bedreag OH, Papurica M, Popovici SE, Dinu A, Sandesc M, Beceanu A, Bratu LM, Popoiu CM, Sandesc D, Boruga O, Fulger L. New Molecular and Epigenetic Expressions as Novel Biomarkers in Critically Ill Polytrauma Patients with Acute Kidney Injury (AKI). Clinical Laboratory, 2018, 64(5):663-668, DOI: 10.7754/clin.lab.2018.171226

7. Anca Raluca Dinu, Alexandru Florin Rogobete, Sonia Elena Popovici, Ovidiu Horea Bedreag, Marius Papurica, Corina Maria Dumbuleu, Raluca Ramona Velovan, Daiana Toma, Corina Maria Georgescu, Lavinia Ioana Trache, Claudiu Barsac, Loredana Luca, Bettina Buzzi, Andra Maghiar, Mihai Alexandru Sandesc, Samir Rimawi, Madalin Marian Vaduva, Lavinia Melania Bratu, Paul Manuel Luminosu and Dorel Sandesc Impact of General Anesthesia Guided by State Entropy (SE) and Response Entropy (RE) on Perioperative Stability in Elective LaparoscopicCholecystectomy Patients—A Prospective Observational Randomized Monocentric Study. - March 2020[Entropy](https://www.researchgate.net/journal/1099-4300_Entropy) 22(3):356. DOI: 10.3390/e22030356.

8. Iosif Marincu, Cosmin Citu, Iulia Vidican, Felix Bratosin, Mihai Mares,Oana Suciu, Stefan Frent,Adrian Vasile Bota , Madalina Timircan, **Melania Lavinia Bratu** and Mirela Loredana Grigoras. Clinical Profile of 24 AIDS Patients with Cryptococcal Meningitis in the HAART Era: A Report from an Infectious Diseases Tertiary Hospital in Western Romania. Diagnostics 2022, 12,54. https://doi.org/10.3390/ diagnostics12010054

9. Mircea Florin Berceanu, Iulia Pinzaru, Tiberiu Bratu, Zorin Crainiceanu, **Lavinia Ceuta \*(Bratu),** Florin Borcan, Dorina Coricovac, Cosmin Citu. Evolution of Murine Melanoma in C57BL/6J Female Mice A non-invasive evaluation . REV.CHIM.(Bucharest), 67, No.1, p. 81-83, 2016

10. Secosan, I.; Virga, D.; Crainiceanu, Z.P.; Bratu, L.M.; Bratu, T. Infodemia: Another Enemy for Romanian Frontline Healthcare Workers to Fight during the COVID-19 Outbreak. *Medicina* **2020**, *56*, 679. https://doi.org/10.3390/medicina56120679

11. Secosan I, Virga D, Crainiceanu ZP, Bratu LM, Bratu T. The Moderating Role of Personal Resources Between Demands and Ill-Being of Romanian Healthcare Professionals in the COVID-19 Pandemic. *Front Public Health*. 2021;9:736099. Published 2021 Dec 23. doi:10.3389/fpubh.2021.736099

12. Dinu AR, Rogobete AF, Bratu T, et al. *Cannabis Sativa* Revisited-Crosstalk between microRNA Expression, Inflammation, Oxidative Stress, and Endocannabinoid Response System in Critically Ill Patients with Sepsis. *Cells*. 2020;9(2):307. Published 2020 Jan 28. doi:10.3390/cells9020307

13. Ovidiu H Bedreag, [Marius Papurica](https://pubmed.ncbi.nlm.nih.gov/?term=Papurica+M&cauthor_id=28164614), [Alexandru F Rogobete](https://pubmed.ncbi.nlm.nih.gov/?term=Rogobete+AF&cauthor_id=28164614), Dorel Sandesc, [Raluca Dumache](https://pubmed.ncbi.nlm.nih.gov/?term=Dumache+R&cauthor_id=28164614), [Carmen A Cradigati](https://pubmed.ncbi.nlm.nih.gov/?term=Cradigati+CA&cauthor_id=28164614), [Mirela Sarandan](https://pubmed.ncbi.nlm.nih.gov/?term=Sarandan+M&cauthor_id=28164614), [Lavinia M Bratu](https://pubmed.ncbi.nlm.nih.gov/?term=Bratu+LM&cauthor_id=28164614), Sonia E Popovici, [Laurentiu V Sima](https://pubmed.ncbi.nlm.nih.gov/?term=Sima+LV&cauthor_id=28164614) . Using Circulating miRNAs as Biomarkers for the Evaluation and Monitoring of the Mitochondrial Damage in the Critically Ill Polytrauma Patients. Clin Lab, 2016 Aug 1;62(8):1397-1403. doi: 10.7754/Clin.Lab.2016.160121.

14. Mihai Sandesc, [Anca Dinu](https://pubmed.ncbi.nlm.nih.gov/?term=Dinu+A&cauthor_id=29035444), [Alexandru F Rogobete](https://pubmed.ncbi.nlm.nih.gov/?term=Rogobete+AF&cauthor_id=29035444), [Ovidiu H Bedreag](https://pubmed.ncbi.nlm.nih.gov/?term=Bedreag+OH&cauthor_id=29035444), [Dorel Sandesc](https://pubmed.ncbi.nlm.nih.gov/?term=Sandesc+D&cauthor_id=29035444), [Marius Papurica](https://pubmed.ncbi.nlm.nih.gov/?term=Papurica+M&cauthor_id=29035444), [Lavinia M Bratu](https://pubmed.ncbi.nlm.nih.gov/?term=Bratu+LM&cauthor_id=29035444), [Silvius Negoita](https://pubmed.ncbi.nlm.nih.gov/?term=Negoita+S&cauthor_id=29035444), [Corina Vernic](https://pubmed.ncbi.nlm.nih.gov/?term=Vernic+C&cauthor_id=29035444), [Sonia E Popovici](https://pubmed.ncbi.nlm.nih.gov/?term=Popovici+SE&cauthor_id=29035444), [Dan Corneci](https://pubmed.ncbi.nlm.nih.gov/?term=Corneci+D&cauthor_id=29035444) . Circulating microRNAs Expressions as Genetic Biomarkers in Pancreatic Cancer Patients Continuous Non-Invasive Monitoring. Clin Lab. 2017 Oct 1;63(10):1561-1566. doi: 10.7754/Clin.Lab.2017.170608.

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16. Marius Papurica, [Alexandru F Rogobete](https://pubmed.ncbi.nlm.nih.gov/?term=Rogobete+AF&cauthor_id=28164521), [Dorel Sandesc](https://pubmed.ncbi.nlm.nih.gov/?term=Sandesc+D&cauthor_id=28164521), [Carmen A Cradigati](https://pubmed.ncbi.nlm.nih.gov/?term=Cradigati+CA&cauthor_id=28164521), [Mirela Sarandan](https://pubmed.ncbi.nlm.nih.gov/?term=Sarandan+M&cauthor_id=28164521), [Raluca Dumache](https://pubmed.ncbi.nlm.nih.gov/?term=Dumache+R&cauthor_id=28164521), [Florin G Horhat](https://pubmed.ncbi.nlm.nih.gov/?term=Horhat+FG&cauthor_id=28164521), [Lavinia M Bratu](https://pubmed.ncbi.nlm.nih.gov/?term=Bratu+LM&cauthor_id=28164521), [Razvan Nitu](https://pubmed.ncbi.nlm.nih.gov/?term=Nitu+R&cauthor_id=28164521), [Dan C Crisan](https://pubmed.ncbi.nlm.nih.gov/?term=Crisan+DC&cauthor_id=28164521), [Delia I Horhat](https://pubmed.ncbi.nlm.nih.gov/?term=Horhat+DI&cauthor_id=28164521), [Elena S Popovici](https://pubmed.ncbi.nlm.nih.gov/?term=Popovici+ES&cauthor_id=28164521), [Sonia Tanasescu](https://pubmed.ncbi.nlm.nih.gov/?term=Tanasescu+S&cauthor_id=28164521), [Vlad Daliborca](https://pubmed.ncbi.nlm.nih.gov/?term=Daliborca+V&cauthor_id=28164521), [Ovidiu Boruga](https://pubmed.ncbi.nlm.nih.gov/?term=Boruga+O&cauthor_id=28164521), [Ovidiu H Bedreag](https://pubmed.ncbi.nlm.nih.gov/?term=Bedreag+OH&cauthor_id=28164521) . Using the Expression of Damage-Associated Molecular Pattern (DAMP) for the Evaluation and Monitoring of the Critically Ill Polytrauma Patient. Clin Lab. 2016 Oct 1;62(10):1829-1840. doi: 10.7754/Clin.Lab.2016.160226.

17. Marius Papurica, [Alexandru F Rogobete](https://pubmed.ncbi.nlm.nih.gov/?term=Rogobete+AF&cauthor_id=28164622), [Carmen A Cradigati](https://pubmed.ncbi.nlm.nih.gov/?term=Cradigati+CA&cauthor_id=28164622), [Mirela Sarandan](https://pubmed.ncbi.nlm.nih.gov/?term=Sarandan+M&cauthor_id=28164622), [Raluca Dumache](https://pubmed.ncbi.nlm.nih.gov/?term=Dumache+R&cauthor_id=28164622), [Lavinia M Bratu](https://pubmed.ncbi.nlm.nih.gov/?term=Bratu+LM&cauthor_id=28164622), [Sonia E Popovici](https://pubmed.ncbi.nlm.nih.gov/?term=Popovici+SE&cauthor_id=28164622), [Dorel Sandesc](https://pubmed.ncbi.nlm.nih.gov/?term=Sandesc+D&cauthor_id=28164622), [Corina Vernic](https://pubmed.ncbi.nlm.nih.gov/?term=Vernic+C&cauthor_id=28164622), [Ovidiu H Bedreag](https://pubmed.ncbi.nlm.nih.gov/?term=Bedreag+OH&cauthor_id=28164622) . Using the Expression of miRNAs as Biomarkers for the Evaluation Acute Respiratory Distress Syndrome in the Critically Ill Polytrauma Patient. Clin Lab . 2016 Aug 1;62(8):1405-1411. doi: 10.7754/Clin.Lab.2016.160138.

18. Doru C. Crisan, Marius Papurica, Alexandru Florin Rogobete, Carmen A. Cradigati, Mirela Sarandan, Raluca Dumache, Lavinia Melania Bratu, Sonia Elena Popovici, Dorel Săndesc, Bernic Corina, Ovidiu Horea Bedreag. Using the Expression of miRNAs as Biomarkers for the Evaluation Acute Respiratory Distress Syndrome in the Critically Ill Polytrauma Patient. August 2016Clinical Laboratory 62(8):1405-1411 Follow journal. DOI: 10.7754/Clin.Lab.2016.160138.

19. Cerbu, B.; Grigoras, M.L.; Bratosin, F.; Bogdan, I.; Citu, C.; Bota, A.V.; Timircan, M.; Bratu, M.L.; Levai, M.C.; Marincu, I. Laboratory Profile of COVID-19 Patients with Hepatitis C-Related Liver Cirrhosis. *J. Clin. Med.* **2022**, *11*, 652. https://doi.org/10.3390/jcm11030652

**ARTICOLE ÎN REVISTE NECOTATE ISI, DAR INDEXATE ÎN BAZA DE DATE INTERNAȚIONALE**

1. RAMONA AMINA POPOVICI, ANGELA CODRUŢA PODARIU, ALEXANDRA PODARIU, ANCA TUDOR, RAMONA CAMELIA ANCULIA, MELANIA LAVINIA BRATU, MIHAELA CODRINA LEVAI  
2. COMMUNICATION THROUGH SOCIAL MEDIA (SOCIAL NETWORKS) IN ORAL HEALTH PROMOTION, Medicine in Evolution Volume XXI, No. 4, 2015.

**LUCRĂRI PUBLICATE ÎN REZUMAT ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE CU ISSN**

1. The need to change in food dependence, Bratu Melania Lavinia, International conference Supervision in Psychotherapy, 2nd edition, pg 15-20, 978-88-85813-66-3, June - 2019

1. The formation mechanism and healing process of dependencies, Bratu Melania Lavinia, International conference Supervision in Psychotherapy, 978-88-85813-66-3, 2nd edition, June - 2019.

**ARTICOLE PUBLICATE ÎN REZUMAT ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE**

1. CEUTA (BRATU) L., PARSAN P., POP GEORGETA, ”CONTENT OF MACRONUTRIENTS – K, Ca, Mg – OF MEDICINAL PLANTS BELONGING SPONTANEOUS FLORA HUNEDOARA COUNTY”, SYMPOSIUM: ”TRENDS IN THE EUROPEAN AGRICULTURE DEVELOPMENT”, 30-31 MAY 2013

2. CEUTA (BRATU) L., PARSAN P., POP GEORGETA, ”HEAVY METAL LOADING OF SOILS IN HUNEDOARA COUNTY – MINING AREA LONEA-PETRILA, CSH SLUG DUMPS, POWER PLANT MINTIA AREA”, SYMPOSIUM: ”TRENDS IN THE EUROPEAN AGRICULTURE DEVELOPMENT”, 30-31 MAY 2013.

**Data: Semnătura:**