

**LISTA LUCRĂRILOR ȘTIINȚIFICE****TEZA DE DOCTORAT**

**DUMITRU Caterina Nela**, „Cercetări biotehnologice de obținere a unui aliment funcțional pe bază de pseudocereale” . Domeniul – BIOTEHNOLOGIE, 2013. Conducător științific Prof. dr. ing. Vizireanu Camelia, Universitatea „Dunărea de Jos” Galați

**Articole publicate în extenso****Articole publicate în reviste cotate ISI THOMSON REUTERS (cu factor de impact)****➤ din perioada postdoctorală**

1. Balta, A.A.S.; Ignat, M.D.; Barbu, R.E.; **Dumitru, C.**; Radaschin, D.S.; Bulza, V.; Mateescu Costin, S.A.; Pleșea-Condratovici, C.; Baroiu, L. *Impact of Direct-Acting Antivirals on Extrahepatic Manifestations in Chronic Hepatitis C: A Narrative Review with a Hermeneutic Approach*. Healthcare 2025, 13, 1953, ISSN: 2227-9032, **IF(2024): 2,7**; Category Quartile: Q2. <https://doi.org/10.3390/healthcare13161953>; WOS:001557645500001; [https://www.mdpi.com/search?sort=pubdate&page\\_no=6&page\\_count=50&year\\_from=1996&year\\_to=2025&journal=healthcare&view=default](https://www.mdpi.com/search?sort=pubdate&page_no=6&page_count=50&year_from=1996&year_to=2025&journal=healthcare&view=default); <https://www.mdpi.com/2227-9032/13/16/1953/pdf>.
2. **Dumitru, C.N.**; Vizireanu, C.; Bahrim, G.E.; Dinica, R.M.; Lupoae, M.; Dumitru, A.O.; Gurau, T.V. *Design and Optimization of a Plant-Based Synbiotic Beverage from Sprouted Buckwheat: A Multi-Response Approach for Enhancing Functional Properties*. Beverages 2025, 11, 104. ISSN: 2306-5710, **IF(2024): 2,7**; Category Quartile: Q2. <https://doi.org/10.3390/beverages11040104>, WOS:001557874000001; <https://www.mdpi.com/journal/beverages>; <https://www.mdpi.com/2306-5710/11/4/104>.

3. Souare, M.L.; Diallo, A.O.S.; Balan, N.; Vasile, M.A.; Traore, L.; Bahrim, G.E.; Cotârleț, M.; **Dumitru, C.N.** *An Assessment of the Functional Properties of Black Amaranth Flour During Fermentation with Probiotic Lactic Acid Bacteria.* *Fermentation* 2025, 11, 414. ISSN: 2311-5637. **IF(2024): 3,3**; Category Quartile: Q2.

<https://doi.org/10.3390/fermentation11070414>; WOS:001535586500001;

[https://www.mdpi.com/search?sort=pubdate&page\\_no=3&page\\_count=50&year\\_from=1996&year\\_to=2025&journal=fermentation&view=default](https://www.mdpi.com/search?sort=pubdate&page_no=3&page_count=50&year_from=1996&year_to=2025&journal=fermentation&view=default);

<https://www.mdpi.com/2311-5637/11/7/414>.

4. Zeinhom, A.A.; Dinica, M.R.; Lupoae, M.; Balanescu, F.; Nistor, A.; Busuioc, A.; Botezatu, A.; Furdui, B.; **Dumitru, C.** *A recent review on ethnomedicinal, phytochemical, and pharmacological activities of major astraceae family plants in the Măcin mountain national park, Romania.* *Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry*, 2025, 26(2), 257-274, ISSN 1582-540X, **IF (2024): 0,7**; Category Quartile: Q4.

<https://doi.org/10.29081/ChIBA.2025.641>; WOS:001522092700010;

<https://0h10q8np5-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001522092700010>

[https://www.researchgate.net/profile/Ahmed-](https://www.researchgate.net/profile/Ahmed-Zeinhom/publication/393405483_A_RECENT_REVIEW_ON_ETHNOMEDICINAL_PHYTOCHEMICAL_AND_PHARMACOLOGICAL_ACTIVITIES_OF_MAJOR_ASTRACEAE_FAMILY_PLANTS_IN_THE_MACIN_MOUNTAIN_NATIONAL_PARK_ROMANIA/links/6867f22de4632b045dc9d994/A-RECENT-REVIEW-ON-ETHNOMEDICINAL-PHYTOCHEMICAL-AND-PHARMACOLOGICAL-ACTIVITIES-OF-MAJOR-ASTRACEAE-FAMILY-PLANTS-IN-THE-MACIN-MOUNTAIN-NATIONAL-PARK-ROMANIA.pdf)

[Zeinhom/publication/393405483\\_A\\_RECENT\\_REVIEW\\_ON\\_ETHNOMEDICINAL\\_PHYTOCHEMICAL AND PHARMACOLOGICAL ACTIVITIES OF MAJOR ASTRACEAE FAMILY PLANTS IN THE MACIN MOUNTAIN NATIONAL PARK ROMANIA/links/6867f22de4632b045dc9d994/A-RECENT-REVIEW-ON-ETHNOMEDICINAL-PHYTOCHEMICAL-AND-PHARMACOLOGICAL-ACTIVITIES-OF-MAJOR-ASTRACEAE-FAMILY-PLANTS-IN-THE-MACIN-MOUNTAIN-NATIONAL-PARK-ROMANIA.pdf](https://www.researchgate.net/profile/Ahmed-Zeinhom/publication/393405483_A_RECENT_REVIEW_ON_ETHNOMEDICINAL_PHYTOCHEMICAL_AND_PHARMACOLOGICAL_ACTIVITIES_OF_MAJOR_ASTRACEAE_FAMILY_PLANTS_IN_THE_MACIN_MOUNTAIN_NATIONAL_PARK_ROMANIA/links/6867f22de4632b045dc9d994/A-RECENT-REVIEW-ON-ETHNOMEDICINAL-PHYTOCHEMICAL-AND-PHARMACOLOGICAL-ACTIVITIES-OF-MAJOR-ASTRACEAE-FAMILY-PLANTS-IN-THE-MACIN-MOUNTAIN-NATIONAL-PARK-ROMANIA.pdf).

5. Balta, A.A.S.; Ignat, M.D.; Barbu, R.E.; Baroiu, L.; Moroianu, L.A.; Lutenco, V.; Bulza, V.; Patriciu, M.; **Dumitru, C.**; Debita, M. *HBV, HCV, and HDV Triple-Infection—A Therapeutic Challenge.* *Diseases* 2025, 13, 168, ISSN: 2079-9721, **IF(2024): 3**; Category Quartile: Q2;

<https://doi.org/10.3390/diseases13060168>; WOS:001515680600001;

[https://www.mdpi.com/search?sort=pubdate&page\\_no=3&page\\_count=50&year\\_from=1996&year\\_to=2025&journal=diseases&view=default](https://www.mdpi.com/search?sort=pubdate&page_no=3&page_count=50&year_from=1996&year_to=2025&journal=diseases&view=default);

<https://www.mdpi.com/2079-9721/13/6/168>.

6. **Dumitru, C.N.**; Mariana, L.; Budacu, C.C.; Mitea, G.; Radu, M.D.; Dumitru, A.O.; Lupoae, A.; Tatu, A.; Topor, G. *Balancing the Oral Redox State: Endogenous and Exogenous Sources of Reactive Oxygen Species and the Antioxidant Role of Lamiaceae and Asteraceae*. Dent. J. 2025, 13, 222, eISSN-2304-6767, **IF(2024): 3,1**; Category Quartile: Q2; <https://doi.org/10.3390/dj13050222>; WOS:001496195300001; [https://www.mdpi.com/search?sort=pubdate&page\\_no=4&page\\_count=50&year\\_from=1996&year\\_to=2025&journal=dentistry&view=default](https://www.mdpi.com/search?sort=pubdate&page_no=4&page_count=50&year_from=1996&year_to=2025&journal=dentistry&view=default); <https://www.mdpi.com/2304-6767/13/5/222>.
7. Vlase, CM; Iancu, AV; Stefan, CS; Draghiev, I; **Dumitru, CN**; Nistor, A; Arbune, M. *Multidrug-resistant ESKAPE Pathogens in a Romanian Secondary-Care Hospital during the COVID-19 Pandemic*. R. J. Mil. Med. 2025, 128(1), 51-59, ISSN 1222-5126, eISSN 2501-2312, , **IF(2024):0,4**; Category Quartile: Q4, <https://doi.org/10.55453/rjmm.2025.128.1.7>; WOS:001443738900007; <https://revistamedicinamilitara.ro/article/multidrug-resistant-eskape-pathogens-in-a-romanian-secondary-care-hospital-during-the-covid-19-pandemic/>; <https://revistamedicinamilitara.ro/issue/no-1-2025-vol-cxxviii-january/>; <https://revistamedicinamilitara.ro/wp-content/uploads/2025/01/RJMM-vol-CXXVIII-nr-1-din-2025-part-7.pdf>.
8. Alina-Viorica Iancu, Nicoleta-Maricica Maftai, **Caterina Dumitru**, Liliana Baroiu, Gabriela Gurau, Alina Mihaela Elisei, Claudia Simona Stefan, Alin Laurentiu Tatu, Alexandru-Florin Iancu, Manuela Arbune. *Prevalence of multidrug resistance pathogens in dermatology: A retrospective study in Romania, 2018-2022*, Electronic Journal of General Medicine. 2024, 21(3), em582, e-ISSN: 2516-3507, **IF(2024):0,9** Category Quartile: Q3, <https://doi.org/10.29333/ejgm/14572>; WOS:001228813000002; <https://www.ejgm.co.uk/volume-21/issue-3>; <https://www.ejgm.uk/download/prevalence-of-multidrug-resistance-pathogens-in-dermatology-a-retrospective-study-in-romania-14572.pdf>.
9. Manuela Arbune, Alina Mihaela Calin, Alina Viorica Iancu, **Caterina Nela Dumitru** and Anca Adriana Arbune. *A Real-Life Action toward the End of HIV Pandemic: Surveillance of Mother-to-Child HIV Transmission in a Center from Southeast Romania*. Journal of Clinical

Medicine. 2022; 11(17), 5020-5030. ISSN 2077-0383, **IF (2022):3,900**; Category Quartile: Q1,  
<https://doi.org/10.3390/jcm11175020>; WOS:000851876500001;  
<https://www.mdpi.com/2077-0383/11/17>;  
<https://www.mdpi.com/2077-0383/11/17/5020>.

10. Alin Laurențiu Tatu, Thomas Nadasdy, Anca Arbune, Valentin Chioncel, Carmen Bobeica, Elena Niculet, Alina Viorica Iancu, **Caterina Dumitru**, Valentin Tudor Popa, Nicolas Kluger, Victor Gabriel Clatici, Claudiu Ionut Vasile, Cristian Onisor & Alexandru Nechifor. *Interrelationship and Sequencing of Interleukins4, 13, 31, and 33 – An Integrated Systematic Review: Dermatological and Multidisciplinary Perspectives*. Journal of Inflammation Research. 2022, 15, 5163–5184; ISSN: 1178-7031, **IF(2022): 4,5**, Category Quartile: Q2,  
<https://doi.org/10.2147/JIR.S374060>; WOS:000854024400001;  
<https://www.dovepress.com/journal-of-inflammation-research-i1779-j35>;  
<https://www.dovepress.com/interrelationship-and-sequencing-of-interleukins4-13-31-and-33--an-int-peer-reviewed-fulltext-article-JIR>;  
<https://www.dovepress.com/article/download/78075>.

11. Liliana Baroiu, Ana Cristina Lese, Ioana Anca Stefanopol, Alina Iancu, **Caterina Dumitru**, Alexandru Bogdan Ciubara, Florin Ciprian Bujoreanu, Nicusor Baroiu, Anamaria Ciubara, Alexandru Nechifor, Lucretia Anghel, Alin Laurențiu Tatu. *The Role of D-Dimers in the Initial Evaluation of COVID-19*. Therapeutics and Clinical Risk Management 2022. 18: 323–335; ISSN 1178-203X, **IF(2022):2,8**, Category Quartile: Q3,  
<https://doi.org/10.2147/TCRM.S357214>; WOS:000780121000005;  
<https://www.dovepress.com/therapeutics-and-clinical-risk-management-i1756-j1>;  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8979569/>;  
<https://pmc.ncbi.nlm.nih.gov/articles/PMC8979569/pdf/tcrm-18-323.pdf>.

12. Baroiu L, Lese AC, Stefanopol IA, Iancu A, **Dumitru C**, Ciubara AB, Bujoreanu FC, Baroiu N, Ciubara A, Nechifor A, Anghel L, Tatu AL. *The Role of D-Dimers in the Initial Evaluation of COVID-19 [Response To Letter]*. Therapeutics and Clinical Risk Management. 2022;18:593-594. eISSN : 1178-203X. **IF(2022): 2,8**. Category Quartile: Q3.  
<https://doi.org/10.2147/TCRM.S373236>; WOS:000803010100004;  
<https://www.dovepress.com/the-role-of-d-dimers-in-the-initial-evaluation-of-covid-19-response-to>

[peer-reviewed-fulltext-article-TCRM](#);

<https://www.dovepress.com/article/download/74883>.

13. Liliana Baroiu, Lucreția Anghel, Alin Laurențiu Tatu, Alina Iancu, **Caterina Dumitru**, Ana-Cristina Leșe, Miruna Drăgănescu, Florentina Năstase, Elena Niculeț, Silvia Fotea, Aurel Nechita, Doina Carina Voinescu and Anca Ioana Stefanopol. *Risk of hepatitis B reactivation: From biologic therapies for psoriasis to immunosuppressive therapies for COVID-19 (Review)*. EXPERIMENTAL AND THERAPEUTIC MEDICINE. 2022. 23, 385, ISSN: 1792-0981; eISSN: 1792-1015, **IF(2022)=2,7**, Category Quartile: Q3, <https://doi.org/10.3892/etm.2022.11312>; WOS:000805985300001; <https://www.spandidos-publications.com/etm/23/6>; <https://www.spandidos-publications.com/10.3892/etm.2022.11312>.

14. **Caterina Dumitru**, Rodica Mihaela Dinică, Gabriela-Elena Bahrim, Camelia Vizireanu, Liliana Baroiu, Alina Viorica Iancu, and Miruna Drăgănescu. *New Insights into the Antioxidant Compounds of Achenes and Sprouted Buckwheat Cultivated in the Republic of Moldova*. Applied Sciences, 2021, 11(21):10230; ISSN: 2076-3417, **IF(2021)=2,838**, Category Quartile: Q2, <https://doi.org/10.3390/app112110230>; WOS:000718967200000; <https://www.mdpi.com/2076-3417/11/21>; <https://www.mdpi.com/2076-3417/11/21/10230>.

15. Rodica Mihaela Dinica, Cristina Sandu, Andreea Veronica Dediu Botezatu, Anna Cazanevscaia Busuioc, Fania Balanescu, Maria Daniela Ionica Mihaila, **Caterina Nela Dumitru**, Bianca Furdui, Alina Viorica Iancu. *Allantoin from Valuable Romanian Animal and Plant Sources with Promising Anti-Inflammatory Activity as a Nutricosmetic Ingredient*, Sustainability, 2021. 13(8), 10170-10188, eISSN 2071-1050, **IF(2021):3,899**; Category Quartile: Q2. <https://doi.org/10.3390/su131810170>, WOS:000699856700001; [https://www.mdpi.com/journal/sustainability/topical\\_collections/Biomass\\_Waste\\_Valorization](https://www.mdpi.com/journal/sustainability/topical_collections/Biomass_Waste_Valorization) <https://www.mdpi.com/2071-1050/13/18/10170>.

16. Liliana Baroiu, **Caterina Dumitru**, Alina Iancu, Ana-Cristina Leșe, Miruna Drăgănescu, Nicușor Baroiu, Lucreția Anghel. *COVID-19 impact on the liver*. World Journal of Clinical Cases, 2021, 9(16), 3814-3825 ISSN: 2307-8960, **IF(2021)=1,534**, Category Quartile: Q3, <https://doi.org/10.12998/wjcc.v9.i16.3814>; WOS:000660886100002; <https://www.wjgnet.com/2307-8960/full/v9/i16/3814.htm>; <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8180204/>; <https://pmc.ncbi.nlm.nih.gov/articles/PMC8180204/pdf/WJCC-9-3814.pdf>.
17. Liliana Baroiu, **Caterina Dumitru**, Alina Iancu, Ana-Cristina Lese, Nicușor Baroiu Miruna Drăgănescu *Factors that impact the risk of death in Clostridium difficile infection* Acta Medica Mediterranea, 2021, 37:403, ISSN: 0393-6384 eISSN 2283-9720, **IF(2021):0,147**; Category Quartile: Q4, [https://doi.org/10.19193/0393-6384\\_2021\\_1\\_62](https://doi.org/10.19193/0393-6384_2021_1_62); WOS:000621776000062; <https://0h10q8np5-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000621776000062>; <https://www.actamedicamediterranea.com/archive/2021/medica-1>; <https://www.actamedicamediterranea.com/archive/2021/medica-1/factors-that-impact-the-risk-of-death-in-clostridium-difficile-infection>.
18. Miruna Drăgănescu, Liliana Baroiu, **Caterina Dumitru**, Alina Iancu , Diana Radaschin, Eduard Drima Polea, Carmen Bobeica, Alin Laurențiu Tatu, Elena Niculeț, Laszlo Fekete. *Perspectives on skin disorders diagnosis among people living with HIV in Southeastern* EXPERIMENTAL AND THERAPEUTIC MEDICINE. 2021, 21(1):1, ISSN 1792-0981, eISSN 1792-1015, , **IF(2021):2,751**; Category Quartile: Q3; <https://doi.org/10.3892/etm.2020.9529>; WOS:000601196800001; <https://www.spandidos-publications.com/etm/21/1>; <https://www.spandidos-publications.com/10.3892/etm.2020.9529>.
19. Drăgănescu Miruna, Baroiu Liliana, Iancu Alina, Modrigan M., Diaconu C., **Dumitru C.**, *Highly active antiretroviral therapy and psychiatric disorders in hiv infected patients from south-east region of Romania*, Acta Medica Mediterranea. 2020, 36: 2911-2916, ISSN: 0393-6384 eISSN 2283-9720, **IF(2020)=0,219**; Category Quartile: Q4, [https://doi.org/10.19193/0393-6384\\_2020\\_5\\_446](https://doi.org/10.19193/0393-6384_2020_5_446); WOS:000575764600032;

<https://0h10q8np5-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000575764600032;>

<https://www.actamedicamediterranea.com/archive/2020/medica-5/highly-active-antiretroviral-therapy-and-psychiatric-disorders-in-hiv-infected-patients-from-south-east-region-of-romania/document>.

20. Giorgiana-Valentina Blaga, Carmen Lidia Chițescu, Elena Lăcrămioara Lisă, **Caterina Dumitru**, Camelia Vizireanu & Daniela Borda, *Antifungal residues analysis in various Romanian honey samples analysis by high resolution mass spectrometry*, Journal of Environmental Science and Health, Part B, 2019, 55(5), 484-494, ISSN 0360-1234, eISSN1532-4109, **IF(2019):1,990**; Category Quartile: Q2,

<https://doi.org/10.1080/03601234.2020.1724016>; WOS:000512870100001;

<https://www.tandfonline.com/toc/lesb20/55/5?nav=tocList>;

<https://www.tandfonline.com/doi/epdf/10.1080/03601234.2020.1724016>

<https://www.tandfonline.com/doi/full/10.1080/03601234.2020.1724016>

#### ➤ din perioada doctorală

21. **Caterina Brajdeș (Dumitru)**, Gabriela Bahrim, Rodica Dinică, Camelia Vizireanu. *Phenolics composition and their biochemical stability confirmation by in vitro, gastrointestinal conditions simulation, for a new functional fermented beverage based on sprouted buckwheat*, Romanian Biotechnological Letters, 2013.18(6):8832-8842 ISSN1224-5984, eISSN: 2248-3942, WOS:000330029900012, **IF(2013):0,542**; Category Quartile: Q3,

<https://rombio.unibuc.ro/publications/vol-18-2013/volume-18-no-6-november-december-2013/>;

<https://rombio.unibuc.ro/wp-content/uploads/2022/05/18-6-12.pdf>.

#### Lucrări științifice publicate în reviste indexate BDI

#### ➤ din perioada postdoctorală

1. Sarbu, I.; **Dumitru, C.N.**; Stanescu, C.; Lupoae, M. *The role of antibiotics in preventing postoperative infections in oral implantology*. RJOR, 2025, 17 (2), 99-115, ISSN 2066-7000, ISSN-L 2601-4661, **IF(2023):0,7**; Category Quartile: Q4,

<https://doi.org/10.62610/RJOR.2025.2.17.85>;

<https://rjor.ro/revista/2025/>;

<https://rjor.ro/wp-content/uploads/2025/06/THE-ROLE-OF-ANTIBIOTICS-IN-PREVENTING-POSTOPERATIVE-INFECTIONS-IN-ORAL-IMPLANTOLOGY.pdf>.

2. Earar, K.; Hamadneh, S.A.; Lupoae, M.; **Dumitru, C.N.**; Fotea, S.; Stanescu, C. *The role of acetylsalicylic acid in oral pathology: from pharmacodynamics to clinical manifestations*. RJOR, 2025, 17 (2), 99-115, ISSN 2066-7000, ISSN-L 2601-4661, **IF(2023):0,7**; Category Quartile: Q4,

<https://doi.org/10.62610/RJOR.2025.2.17.64>;

<https://rjor.ro/revista/2025/>;

<https://rjor.ro/wp-content/uploads/2025/06/THE-ROLE-OF-ACETYLSALICYLIC-ACID-IN-ORAL-PATHOLOGY-FROM-PHARMACODYNAMICS-TO-CLINICAL-MANIFESTATIONS.pdf>.

3. Earar, K.; Ceban, E.; Forna, D.A.; Hamadneh, S.A.; Statescu-Manaila, S-T.; **Dumitru, C.N.**; Lupoae, M. *Artificial saliva and its functional contribution to oral prosthetics in xerostomic patients: a review*. RJOR, 2025, 17 (2), 99-115, ISSN 2066-7000, ISSN-L 2601-4661, **IF(2023):0,7**; Category Quartile: Q4;

<https://doi.org/10.62610/RJOR.2025.2.17.52>;

<https://rjor.ro/revista/2025/>;

<https://rjor.ro/wp-content/uploads/2025/06/ARTIFICIAL-SALIVA-AND-ITS-FUNCTIONAL-CONTRIBUTION-TO-ORAL-PROSTHETICS-IN-XEROSTOMIC-PATIENTS-A-REVIEW.pdf>.

4. Fertu, D.I.; Stoleriu, G.; **Dumitru, C.N.**; Tudor, S.S.; Diaconu, C.; Manolache N. *The impact of food additives on youth and adolescents*. RJOR, 2025, 17 (2), 99-115, ISSN 2066-7000, ISSN-L 2601-4661, **IF(2023):0,7**; Category Quartile: Q4;

<https://doi.org/10.62610/RJOR.2025.2.17.27>;

<https://rjor.ro/revista/2025/>;

<https://rjor.ro/wp-content/uploads/2025/06/THE-IMPACT-OF-FOOD-ADDITIVES-ON-YOUTH-AND-ADOLESCENTS.pdf>.

5. Tudor, S.S.; Stoleriu, G.; Fertu, D.I.; **Dumitru, C.N.**; Diaconu, C.; Manolache, N. *Clinical and paraclinical particularities in patients with copd and pulmonary hypertension*. RJOR, 2025, 17 (2), 99-115, ISSN 2066-7000, ISSN-L 2601-4661, **IF(2023):0,7**; Category Quartile: Q4;

<https://doi.org/10.62610/RJOR.2025.2.17.8>;

<https://rjor.ro/revista/2025>;

<https://rjor.ro/wp-content/uploads/2025/06/CLINICAL-AND-PARACLINICAL-PARTICULARITIES-IN-PATIENTS-WITH-COPD-AND-PULMONARY-HYPERTENSION.pdf>.

6. Staescu-Manaila, T., **Dumitru, C.N.** *Post-extraction osteoalveolitis: a post-extraction complication*, Medicine and Materials, 2025, 5(2), ISSN: 2784-1499, eISSN: 2784-1537, <https://doi.org/10.36868/MEDMATER.2025.05.02.051>;

<https://medicineandmaterials.com/volume-5/>;

[https://medicineandmaterials.com/wp-content/uploads/MM\\_2025\\_008.pdf](https://medicineandmaterials.com/wp-content/uploads/MM_2025_008.pdf).

7. Liliana Baroiu, Lucreția Anghel, **Caterina Dumitru**, Alina Viorica Iancu, Miruna Drăgănescu, Anamaria Ciubara, *Particularities of Clostridium Difficile Infection in Patients with Psychiatric Pathology*, BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 2020. 11(1)2:1174-1185, ISSN: 2068-0473 | e-ISSN: 2067-3957,

<https://doi.org/10.18662/brain/11.1Sup2/32>; WOS:000546085300001;

<https://www.edusoft.ro/brain/index.php/brain/article/view/1008>;

<https://www.edusoft.ro/brain/index.php/brain/article/view/1008/1174>.

8. Miruna Drăgănescu, **Caterina Dumitru**, Liliana Baroiu, Alina Iancu, Camelia Vizireanu, Manuela Arbune, Adrian Beznea, *Antioxidant Profile of Buckwheat Honey from the Republic of Moldova*, Revista de chimie, 2020, 71(7):325-336, ISSN 0034-7752, eISSN 2668-8212.

<https://doi.org/10.37358/RC.20.7.8251>

<https://revistadechimie.ro/RCRevChimie.asp?sYear=2020>;

<https://revistadechimie.ro/pdf/33DRAGANESCU.pdf720.pdf>.

<https://d1wqtxts1xzle7.cloudfront.net/94586959/33DRAGANESCU.pdf720->

[libre.pdf?1669012520=&response-content-](https://d1wqtxts1xzle7.cloudfront.net/94586959/33DRAGANESCU.pdf720-libre.pdf?1669012520=&response-content-)

[disposition=inline%3B+filename%3DAntioxidant\\_Profile\\_of\\_Buckwheat\\_Honey\\_f.pdf&Exp](https://d1wqtxts1xzle7.cloudfront.net/94586959/33DRAGANESCU.pdf720-libre.pdf?1669012520=&response-content-disposition=inline%3B+filename%3DAntioxidant_Profile_of_Buckwheat_Honey_f.pdf&Exp)

[ires=1757187841&Signature=XTQ8Ewi9yj3lgRujHOdNXsSdygUztEBn2c9wMeFV-5yq42HRGGb4HXV09QdScHyiItWrDTE~yiRMIO~pa3yzG1d6pMmO84kYkdfu7t0MHKW NJ2oVmI3BNC1tBiMRsGVrD~9lgNrNrT7Boo42wcNbqEc27cvARmNOVJPUEAJgL0vOK cIy8vj5gJ8nR7qXcaZH9OjpEwStGeVqNfUYihnmDCqyhddvL0xLaAMGNAMmChisyIKy DMd1HoLXy8ZTKQtip-uMBHjOPQqFUgcbPaS3O9nRb63PSmXuk8qGYQ8QuZni1P8i6o0Dx8Ciqekh9-OY0zw1y0x2wf4PdaEXI9KEfA\\_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA](https://doi.org/10.37358/RC.20.7.8263)

9. Alina Viorica Iancu, Gabriela Gurău, **Caterina Dumitru**, Liliana Baroiu, Mariana Carmen Chifiriuc, Veronica Lazăr, Manuela Arbune, Gigi Coman, Miruna Drăgănescu, *The Role of Cytokine in the Diagnosis and Monitoring of Patients with Systemic Infections*, Revista de chimie, 2020, 71(7):455-463, ISSN 0034-7752, eISSN 2668-8212.

<https://doi.org/10.37358/RC.20.7.8263>

<https://revistadechimie.ro/RCRevChimie.asp?simo=202007>

<https://revistadechimie.ro/pdf/45IANCU.pdf720.pdf>

10. Manuela Arbune, Liliana Baroiu, Gabriela Lupășteanu, Lucreția Anghel, Anca Arbune, **Caterina Dumitru**, Alina-Viorica Iancu, *Clinical and epidemiological features on re-emergence of measles in Galati County*, Romanian Journal of Infections Diseases, 2019; 22(4):154-159, ISSN: 1454-3389,

<https://doi.org/10.37897/RJID.2019.4.2>;

<https://rjid.com.ro/rjid-vol-xxii-nr-4-an-2019/>;

[https://rjid.com.ro/articles/2019.4/RJID\\_2019\\_4\\_EN\\_Art-02.pdf](https://rjid.com.ro/articles/2019.4/RJID_2019_4_EN_Art-02.pdf).

11. Baroiu Liliana, Drăgănescu Miruna, Arbune Manuela, Iancu Alina, **Dumitru Caterina**, Lucreția Anghel, Cudălbeanu Mihaela, Dumitru Irina Magdalena, Rugină Sorin, *Epidemiological Aspects of Clostridium Difficile Infection in the Southeast Region of Romania*, ARS Medica Tomitana, 2019; 3(25):107-113, eISSN: 1841-4036,

<https://doi.org/10.2478/arism-2019-0022>;

<https://sciendo.com/es/issue/ARSM/25/3>;

<https://sciendo.com/it/article/10.2478/arism-2019-0022>.

12. Liliana Baroiu, Manuela Arbune, Alina Iancu, **Caterina Dumitru**, Gabriela Lupasteanu, Miruna Draganescu, Mihaela Debita, Sorin Rugina. *Clostridium difficile* infection in patients with chronic hepatic disease. Romanian Journal of Infections Diseases, 2019. 22(3):108-113, ISSN: 1454-3389.

<https://doi.org/10.37897/RJID.2019.3.1>;

<https://rjid.com.ro/rjid-vol-xxii-nr-3-an-2019/>;

<https://typeset.io/pdf/clostridium-difficile-infection-in-patients-with-chronic-f041fl8tgy.pdf>.

[http://medugal.ro/nr%20curent%201%202011/2\\_2018.html](http://medugal.ro/nr%20curent%201%202011/2_2018.html).

13. **Caterina Dumitru**, Camelia Vizireanu, Miruna Draganescu, Sorin Berbece, S., Maier, Sorin Ungurianu, Aurel Nechita, A. 2016. *The effects of sprouted buckwheat fermented with Lactobacillus plantarum on lipid metabolism*. Experimental study. Analele Universității “Dunărea de Jos” Galați, Medicina, Fascicula XVII no 2,

<http://medugal.ro>;

[http://medugal.ro/nr%20curent%201%202011/2\\_2016.html](http://medugal.ro/nr%20curent%201%202011/2_2016.html).

➤ **din perioada doctorală**

14. **Caterina Brajdes (Dumitru)**, Camelia Vizireanu. *Stability of Lactobacillus plantarum from Functional Beverage based Sprouted Buckwheat in the Conditions Simulating in the upper Gastrointestinal Tract*, GLOBAL RESEARCH ANALYSIS; 2013, [https://www.worldwidejournals.com/global-journal-for-research-analysis-GJRA/recent\\_issues\\_pdf/2013/July/stability-of-lactobacillus-plantarum-from-functional-beverage-based-sprouted-buckwheat-in-the-conditions-simulating-in-the-upper-gastrointestinal-tract\\_July\\_2013\\_1598966518\\_04.pdf](https://www.worldwidejournals.com/global-journal-for-research-analysis-GJRA/recent_issues_pdf/2013/July/stability-of-lactobacillus-plantarum-from-functional-beverage-based-sprouted-buckwheat-in-the-conditions-simulating-in-the-upper-gastrointestinal-tract_July_2013_1598966518_04.pdf).

15. **Caterina Brajdes (Dumitru)**, Camelia Vizireanu. *Sprouted buckwheat an important vegetable source of antioxidants*, The Annals of the University Dunărea de Jos of Galați. 2012; Fascicle VI – Food Technology 36(1) 53-60; ISSN 1843-5157, Eissn 2068-259X; WOS:000218999100005, Categoria quartilei Q4.

<https://www.gup.ugal.ro/ugaljournals/index.php/food/issue/view/203>;

<https://www.gup.ugal.ro/ugaljournals/index.php/food/article/view/2266/1930>.

**Lucrări științifice publicate, prezentate oral sau poster în volumele unor manifestări științifice internaționale****a) Cu ISSN**

1. R-N Raileanu, A-M Ionescu, A-V Botezatu, A Busuioc, B Furdui, **C Dumitru**, K Amani Brice, P Lupoae, G Carac, R-M Dinica. *Plant extracts as new alternatives in the endodontic antibacterial treatment*. OPROTEH 2025, The 20<sup>th</sup> International Conference of Constructive design and Technological Optimization in machine building, Bacău, 21-23 mai 2025, ISSN 2076-3417;

<https://oproteh.ub.ro>;

2. M Lupoae, **C-N Dumitru**, E-M Elkan, A Dumitru, A Lupoae. *Gingko-Biloba neuroprotectie si perspective in psihiatrie*. European Conference of Psychiatry and Mental Health „Galatia 2025”, 9<sup>th</sup> edition 7-11 Mai 2025, Galati, <https://galatia.ugal.ro/index.php/en/programme>.

3. Arbune, M. Padurariu-Covit, MD; Iancu, AV ; **Dumitru, CN** ; Vasile, MC. *Haematologic anomalies in newly diagnosed cases: A retrospective analysis from a single centre in South-East Romania*. HIV MEDICINE, 2023, 4 (24), ISSN 1464-2662, eISSN 1468-1293, WOS:001174349600432, **IF (2022):2,8**; Q2.

4. M Arbune, MD Padurariu-Covit, AV Iancu, **CN Dumitru**, MC Vasile. *Haematologic anomalies in newly diagnosed cases: A retrospective analysis from a single cen-tre in South-East Romania*. The 19th European AIDS Conference (#EACS2023), October 18–21, 2023, Warsaw, Poland’, ISSN 1464-2662, e-ISSN 1468-1293,

<https://doi.org/10.1111/hiv.13572>, WOS:001174349600432

<https://0h10q8nq9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001174349600432>

5. Alina Iancu , **Caterina Dumitru** , Gabriela Gurău , Miruna Drăgănescu, Liliana Baroiu , Natalia Ioniță , Maria Jarnea , Ioana Grecu , Carmen Chițescu, Dana Tutunaru ”*Prevalence of vitamin d deficiency in children from Galați*”, The 4 th Conference of the Romanian Association

of Laboratory Medicine with International Participation, Revista Romana de Medicina de Laborator, Supliment 1 - vol. 28, nr. 4, ISSN 1841-6624 • ISSN online: 2284- 5623(9-11 septembrie 2020), IF 0.945;

[http://www.rml.ro/articole/2020/2020\\_4\\_supliment.pdf](http://www.rml.ro/articole/2020/2020_4_supliment.pdf).

6. Dobre, I., **Brajdes(Dumitru)C.**, Serea,V., Vizireanu,C., Alexe, P. 2012 *Evaluation et classification des différents types de miel sur la base des analyses palynologiques et biochimiques*, Conf. Internationala Le 7ème Colloque Franco-Roumain de Chimie Appliquée (COFrRoCA), 27-29 iunie 2012 Bacău,

<https://icmpp.ro/mcps/files/Program%20final%202012%20CoFrRoCA%20Bacau.pdf>;

<https://www.proquest.com/docview/1499908790?sourcetype=Scholarly%20Journals>.

7. Brajdes (Dumitru), C., Vizireanu, C 2012. *Le sarrasin germe - des aliments fonctionnels*, Conf. Internationala Le 7ème Colloque Franco-Roumain de Chimie Appliquée (COFrRoCA), 27-29 iunie 2012 Bacău,

### **Lucrări științifice publicate, prezentate oral sau poster în volumele unor manifestări științifice naționale (cu ISSN sau ISBN)**

#### **a) cu ISSN sau ISBN**

1. Baroiu L, Iancu A, **Dumitru C**, Drăgănescu M, Debita M, Arbune M, *Eficiența și siguranța tratamentului cu Dasabuvir, Ombitasvir, Paritaprevir și Ritonavir la pacienții cu infecție HC monitorizați în secția a doua a Spitalului Clinic de Boli Infecțioase Galați. Interdisciplinaritate în Bolile infecțioase*, Conferința Națională de Boli infecțioase (CNBICV19) Craiova, 28-30 martie 2019: 29-30. ISBN 978 -973-106- 304-1

2. Andronache G, Novac-Dima M, Debita M, Drăgănescu M, Arbune M, Iancu A, **Dumitru C**, Baroiu L. *Aspecte epidemiologice ale infecției cu Clostridium difficile în Spitalul Clinic de Boli Infecțioase "Sf. Cuv. Parascheva" Galați*. Conferința Națională de Boli Infecțioase Provocarea teoriei în practica medicală curentă, Iași, 19-22 iunie 2019. Editura "Gr. T. Popa" UMF Iasi, 2019: 398-399. ISBN 978-606-544-607-6,

[https://patologieinfectioasa.ro/wp-content/uploads/2019/06/PatologieInfectioasa2019\\_PF.pdf](https://patologieinfectioasa.ro/wp-content/uploads/2019/06/PatologieInfectioasa2019_PF.pdf)

3. Novac-Dima M, Iancu A, **Dumitru C**, Debita M, Drăgănescu M, Arbune M, Baroiu L. *Abces hepatic cu evoluție favorabilă după tratament conservator*. Conferința Națională de Boli Infecțioase Provocarea teoriei în practica medicală curentă, Iași, 19-22 iunie 2019. Editura "Gr. T. Popa" UMF Iași, 2019: 465-466. ISBN 978-606-544-607-6.

[https://patologieinfectioasa.ro/wp-content/uploads/2019/06/PatologieInfectioasa2019\\_Volum.pdf](https://patologieinfectioasa.ro/wp-content/uploads/2019/06/PatologieInfectioasa2019_Volum.pdf).

4. Drăgănescu M, Arbune M, Pintilie C, Iancu A, **Dumitru C**, Cireașă N. *Metabolic complications in elderly HIV positive patients from South-East region*. 11th of The Scientific Days of The National Infectious Diseases Institute Matei Balș Bucharest, 14-16 October, 2015:12. ISSN 2457-8525 ISSN–L 2457-8525.

#### **b) fără ISSN sau ISBN**

1. **Dumitru Caterina**, *Markerii serici multiparametrici în hepatita B și C: utilitate diagnostică și prognostică într-o abordare integrată*, InfectioGal, Galați 26-27 Septembrie 2025, Patologia infecțioasă la frontiere

2. Baroiu L., Iancu A., **Dumitru C.**, Drăgănescu M., Debita M., Arbune M., Rugina S.,- *Aspects of Clostridium difficile infection in children*, The scientific days of the National Institute for Infectious Diseases „Prof. DR. Matei Bals”, 30 octombrie -1 noiembrie 2019, București, România.

3. Geanina Andronache, Marcela Novac- Dima, Debita Mihaela, Arbune Manuela, Drăgănescu Miruna., Iancu Alina, **Caterina Dumitru**, Baroiu Liliana, - *Healthcare associated Clostridium difficile infection in the clinical hospital of infectious diseases”Sf. Cuv Parascheva” Galați.*, The scientific days of the National Institute for Infectious Diseases „Prof. DR. Matei Balș”, 30 octombrie-1 noiembrie 2019, București, România.

4. M Drăgănescu, M Arbune, A Iancu, **C Dumitru**, L Baroiu. *Cystic teratoma in young HIV infected woman belonging to former pediatric cohort-case presentation*, Conferința Națională de Oncologie Ginecologică:”Abordare Multidisciplinară patologiei oncologice Ginecologice între prezent și viitor” Galați 12-14 septembrie 2019.

<https://cnog2019.ro/program-cnog/>:

5. **Brajdes (Dumitru), C.**, Vizireanu, 2013. *Viabilitatea celulelor de Lactobacillus plantarum dintr-o băutură fermentată lactic, pe bază de hrișcă germinată, în sistem de*

*simulare, in vitro a condițiilor gastrointestinale*, Conferința Școlii Doctorale Galați, 17-18 Mai 2013.

6. **Brajdes (Dumitru), C.**, Vizireanu, 2012. *Application of Principal Component Analysis in the evolution of an antioxidant potential and probiotic drinks from sprouted buckwheat*, The Second PhD Student Symposium, 13-14/12/2012.

7. **Brajdes (Dumitru), C.**, Vizireanu, C. 2011. *Buckwheat sprouts, an important vegetable source of antioxidants*, The First PhD Student Symposium, Galați, 17-18 decembrie 2011.

**Data**

**04.09.2025**

**Conf. univ. dr. farm.**

**Caterina Nela DUMITRU**