

LISTA

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. TEZA DE DOCTORAT

“Evoluția tumorii T₈ Guerin și a celulelor neurosecretoare după tratamentul cu hormoni și citostatice”, 1975.

B. CĂRȚI ȘI CAPITOLE ÎN CĂRȚI PUBLICATE ÎN ULTIMII 10 ANI

Manuale universitare

1. G. Zarnea, **Gr. Mihăescu**, Viorica Velehorsch – *Principii și tehnici de Microbiologie generală*, 1991, Ed. Univ. București, 330 pag
2. G. Zarnea, **Gr. Mihăescu**, A. Ioniță – *Principii și tehnici de Imunologie*, 1993, Ed. Univ. București, 120 pag.
3. G. Zarnea, **Gr. Mihăescu** - *Imunologie*, 1995, Ed. Univ. București, 300 pag.
4. G. Zarnea, **Gr. Mihăescu** - *Virologie generală*, 1997, Ed. Univ. București, 180 pag, ISBN 973-575-068-6
5. **Gr. Mihăescu** - *Microbiologie generală și Virologie*, 2000, Ed. Univ. București, 581 pag., ISBN 973-575-455-X
6. **Gr. Mihăescu** – *Imunologie și Imunochimie*, 2001, Ed. Univ. București, 456 pag., ISBN 973-575-556-4
7. **Gr. Mihăescu**, A. Ioniță, Elena Mihăescu, Cecilia Galatiuc – *Imunologie practică*, 2003, Ed. Univ. București, 224 pag., ISBN 973-575-796-6
8. **Gr. Mihăescu**, Carmen Chifiriuc, Lia Mara Dițu – *Microbiologie generală*, 2007, Ed. Univ. București, 552 pag., ISBN-9789737372689.
9. **Gr. Mihăescu**, Carmen Chifiriuc, Lia Mara Dițu – *Imunobiologie*, 2009, Ed. Univ. București, 572 pag., ISBN 978-973-737-734-0.
10. Carmen Chifiriuc, **Gr. Mihăescu**, Veronica Lazăr – *Microbiologie și Virologie medicală*, 2011, Ed. Univ. București, 762 pag, ISBN 978-973-737-985-6.
11. **Gr. Mihăescu**, Carmen Chifiriuc, Veronica Lazăr – *Principii și tehnici de analiză imunologică și moleculară utilizate în laboratorul clinic*, 2013, Ed. Univ. București, 320 pag., ISBN 978-606-16-0229-2.
12. **Gr. Mihăescu**, Carmen Chifiriuc – *Imunologie și Imunopatologie*, 2015, Editura medicală, 827 pag., ISBN 978-973-39- 0785-5.
13. **Gr. Mihăescu** -Imunologie și Imunopatologie – 2021, ed II-a, Ed. Medicală, București,
14. **Gr. Mihăescu** - Hematologie- 2021, Ed Medicală, 655 pag
15. Chifiriuc C, **Gr. Mihăescu** - Virologie, 2025, Ed Medicală, in press
16. **Gr. Mihăescu** - Hematologie, Ed II-a, 2025, Ed. Medicală, in press
17. **Grigore MIHĂESCU**, Lia-Mara DIȚU, Grajiela GRĂDIȘTEANU, Mariana Carmen CHIFIRIU, Virologie. Editura Medicală 2025. ISBN 978-973-39-0881-4

Capitole în cărți – edituri naționale

1. **Gr. Mihăescu**, Carmen Chifiriuc – **Organizarea sistemului imunitar la vertebrate**, în volumul *Imunogenetica și Oncogenetica*, 2009, Ed. Academiei Române, partea I, pag. 27-48, ISBN 978-973-27-1852-0.

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1. Chifiriuc M.C., Bleotu C., Sokolov, D., **Mihăescu Gr.**, Lazăr V. Chapter in book: Host immune response to Chlamydia infection. In the Book *Chlamydia* (ed. Mihai Mares) Intech Open access publisher, 2011, ISBN 978-953-51-0470-4.
2. Mariana Carmen Chifiriuc, Alina Maria Holban, Carmen Curutiu, Lia-Mara Ditu, **Grigore Mihaescu**, Alexandra Elena Oprea, Alexandru Mihai Grumezescu, Veronica Lazar. *Antibiotics drug delivery systems for the intracellular targeting of bacterial pathogens*. Smart Drug Delivery System, chapter 11, edited by Alexandru Grumezescu, 2016, ISBN 978-953-51-2247-0.

Studii monografice

1. **Gr. Mihăescu**, L. Gavrilă - **Biologia microorganismelor fixatoare de azot**, 1989, Ed. CERES, București, 200 pag., ISBN 973-40-0043-8.
2. **Gr. Mihăescu**, Carmen Balotescu, I. Ciugulea - **Toxine și substanțe potențial toxice**, 2005, Ed. Academiei Române, 364 pag., ISBN 973-27-1136-1.
3. **Gr. Mihăescu**, Carmen Chifiriuc, Lia Mara Dițu – **Antibiotice și substanțe chimioterapeutice antimicrobiene**, 2007, Ed. Academiei Române, 357 pag., ISBN 978 -973-27-1573-4.

C. – LUCRĂRI INDEXATE ISI/BDI PUBLICATE ÎN ULTIMII 10 ANI

1. Ghețea L. G, Niculescu A. M., Motoc R., **Mihăescu Gr.** – *Comparative study of primary and secondary tumors from patients with laryngeal and oropharyngeal cancer, using optical and electron microscopy – Proceedings of SPIE*, 2008, vol. 6991 Biophotonics: Photonic Solutions for better Health Care – ISI Index to Scientific and Technical Proceedings (ISTP), art. no. 82, p. 1 – 8.
2. Carmen Chifiriuc M, Mihăescu D, Ilinca E, Măruțescu L, **Mihăescu Gr.**, Mihai Grumezescu A. *Influence of hybrid inorganic/organic mesoporous and nanostructured materials on the cephalosporins' efficacy on different bacterial strains*. *IET Nanobiotechnol.* 2012 Dec., 6(4):156-61. doi: 10.1049/iet-nbt.2011.0066.
3. Măruțescu L, Nițulescu MG, Bucur M, Dițu LM, **Mihăescu Gr.**, Lazăr V, Șesan T. *Antimicrobial and anti-pathogenic activity of some thioureides derivatives against Erwinia amylovora phytopathogenic strains*. *Roum Arch Microbiol Immunol.* 2011 Apr-Jun, 70 (2), p. 49-53
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6. Nemțanu M., Minea R., Mazilu E., Setnic S., Mitru E., Balotescu M.C., Bucur M., Oproiu C., **Mihăescu Gr.**, Dițu L.M., *Effects of Ionizing Radiation on the Antioxidant and Antimicrobial Activities of Sea Buckthorn Oil. I. International Medicinal and Aromatic Plants Conference on Culinary Herb, Acta Horticulturae* 2009, 58, p. 128–135.
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 15. **Lazăr M.**, Abernathy E, Chen M, Icenogle J, Janta D, Stanescu A, Pistol A, Santibanez S, Mankertz A, Hübschen JM, **Mihăescu Gr.**, Necula G, Lupulescu E. *Epidemiological and molecular investigation of a rubella outbreak, Romania, 2011 to 2012*. **Euro Surveill**. 2016;21(38):pii=30345. DOI: <http://dx.doi.org/10.2807/1560-7917.ES.2016.21.38.30345> ISSN 1560-7917
 16. Dunya A. Al-Kurjiya^{1,2}, Haifaa Najee^{1,2}, Omar Sadik Shalal^{1,2}, Irinagheorghe^{1,2}, Gratiela G Pircalabioru^{1,2}, **Grigore Mihaescu^{1,2}**, Mariana Carmen Chifiriuc^{1,2}. (2018). *Molecular diagnosis of ALS genes as adhesion virulence factor in nonalbicans Candida species isolated from immunocompromised patients*. **Romanian Biotechnological Letters** (doi: 10.26327/RBL2018.249).
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 19. **Gr. Mihaescu¹**, Mariana Carmen Chifiriuc^{2,*}, Ovidiu Vrancianu, Marian Constantin, Gratiela Gradisteanu Pircalabioru². *Antiviral immunity in SARS-CoV-2 infection*.
 20. **Grigore Mihaescu^{1,2}**, Mariana Carmen Chifiriuc^{1,2,#}, Marian Constantin³, Ciprian Iliescu⁴, Octavian Savu⁵, Anca Stoian⁵, Corneliu Ovidiu Vrancianu^{1,2}, Ariana Picu^{1,5}, Madalina Petcu^{1,5}, Lia Mara Ditu¹, Luminita Marutescu^{1,2}, Gratiela Gradisteanu Pircalabioru^{1,2}
 21. *SARS-CoV-2: from structure to pathology, host immune response and therapeutic management* HTML version: <https://www.mdpi.com/2076-2607/8/10/1468/htm> - ISI = 4,152

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24. Oana Alina Petrariu **Gr Mihăescu**. *Role of probiotics to managing various human disease, from oral pathology to cancer and gastrointestinal diseases.* *Front. Microbiol.* 2024, vol 14-2023. doi.org/10.3389/fmicb.2023.12966447.
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26. M Constantin, M C Chifiriuc, **Gr Mihăescu** et al. *Implications of the oral dysbiosis and HPV infection in head and neck cancer: from molecular and cellular mechanisms to early diagnosis and therapy.* *Frontiers Oncology*, 13:1273516, 2023. doi:10.3389/fonc2023.1273516

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5. Gheţea L. G., Niculescu A. M., Motoc R. M., Mihăescu Gr., Diaconu C. – Effects of some natural extracts on the apoptotic process in rat tumoral cells assesed by flow cytometry – Bulletin USAVM, Veterinary Medicine 2008, 65 (1), p. 395-400; pISSN 1843-5270 ; eISSN 1843-537.
6. Nicoleta Miliţă, Gr. Mihăescu, Mariana Carmen Balotescu – Determinări ale conţinutului de micotoxine la grâul utilizat în panificaţie – Simpozionul Medicilor Veterinari, Bucureşti, Revista Română de Medicină Veterinară, 2008.
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8. Bogdan Ionescu and Grigore Mihăescu. Hepatitis B, C and D. Coinfection in HIV-Infected Patients: Prevalence and Progress. RAMI, 2011, 3, p.129-134.
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10. Miliţă NM, Mihăescu Gr., Chifiriuc C. Aflatoxins--health risk factors. Bacteriol. Virusol. Parazitol. Epidemiol. 2010 Jan-Mar. 55(1), p. 19-24. Review
11. Diţu LM, Chifiriuc C, Lazăr V, Mihăescu Gr. Implication of quorum sensing phenomenon in the expression of genes that code for bacteriocines in lactic bacteria. Bacteriol. Virusol. Parazitol. Epidemiol. 2009 Oct-Dec;54(4), p. 147-66. Review.
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14. A. Banciu, D Niculescu, M Nita-Lazar, I Lucaciu, C Stoica, Gr Mihăescu -Potentially pathogenic and antibiotic resistant bacteria in the Danube Delta aquatic ecosystem - Journal of Environmental Protection and Ecology 17 (1), 127-135.
15. Gabriela Corina Kodjabashija, Grigore Mihăescu- Risk factors in larynx and oropharyngeal malignant neoplasms, Biointerface Research in Applied Chemistry, Volume 4, Issue 4, 776-783,([http:// biointerfaceresearch.com/? page_id=658](http://biointerfaceresearch.com/?page_id=658)).
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D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

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4. Ditu L.M., Mihăescu Gr., Balotescu M.C., Bleotu C., Israil A.M., 2006, Study of the correlation between the haemagglutinant bacterial structures and the expression of virulence hallmarks in enterobacteriaceae, pseudomonadaceae and vibrionaceae clinical strains, 2nd Fems Microbiology Congress, Madrid, Spain, 4-8 July, Poster.
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9. Ghețea L. G., Niculescu A. M., Motoc R. M., Mihăescu Gr., Diaconu C., 2008, Effects of some natural extracts on the apoptotic process in rat tumoral cells assesed by flow cytometry, International Conference of Cellular and Tissue Comparative Pathology, July, 3th- 5th, USAMV Cluj-Napoca.
10. Ghețea L. G., Niculescu A. M., Motoc R. M., Mihăescu Gr., 2008, Comparative study of primary and secondary mors from patients with laryngeal and oropharyngeal cancer, using optical and electron microscopy, Conference SPIE, Strassbourg, France, 7-10 april,.
11. LM Dițu, MC Chifiriuc, E. Bezirtzoglou, C. Voltsi, C. Bleotu, D. Pelinescu, I. Sârbu, Gr. Mihăescu, V. Lazăr. Modulation of virulence and antibiotic susceptibility of enteropathogenic E. coli strains by E. faecium probiotic strain culture fractions. XXXIII International SOMED Congress, Greece, 6-10th Sept., 2010, Abstract Proceedings, p 74.
12. L. M. Dițu, L. Măruțescu, Gr. Mihăescu, V. Lazăr, M. Chifiriuc. 2013. Influence of subinhibitory concentrations of phenyl lactic acid and its synergic activity with antibiotics on Pseudomonas aeruginosa resistant strains. ESCMID Conferences, April 2013, Berlin, Germany.

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1. Ditu L.M., Delcaru C., Măruțescu L., Sârbu E. M., Bucur M., Chifiriuc C. Mihăescu, Gr., Iordache C., Drăcea O., Israil A.M., Missir A., Nitulescu M., Morusciag L., Bleotu C., Drăgușel R., 2008, Cercetări privind activitatea biologică a unor tioureide nou sintetizate, A XII a Conferință Națională de Microbiologie, pag. 70, Sibiu, 30 oct. – 1 nov., Poster.
2. Miliță N., Mihăescu Gr., Balotescu M. C., 2008, Incidența ochratoxinei A în materiile prime furajere administrate în nutriția animalelor de fermă, Conferința SRMMM, Cluj, în vol. Fungi and Mycotoxins .
3. L. Dițu, L. Măruțescu, Gr. Mihăescu, V. Lazăr, M. Chifiriuc. 2013. Evaluarea influenței acidului fenil-lactic și a acțiunii lui sinergice cu a antibioticelor asupra unor tulpini multirezistente de P. aeruginosa utilizând Citometria în Flux. Al IX-lea Congres Național de Citometrie, București, România, 16-18 mai.

E. **Brevete obținute în întreaga activitate: -**

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Semnătura:

Prof. dr. Gr. Mihăescu

