

Lista lucrărilor publicate

Teza de doctorat: “*Determinarea riscului de portaj și a direcției de transmitere a enterobacteriaceelor producătoare de ESBL la animalele de companie și proprietarii acestora*”

În calitate de prim autor și coautor reviste indexate ISI

1. Măciucă IE, Cummins ML, **Cozma AP**, Rimbu C, Guguianu E, Panzaru C, Licker M, Szekeli E, Flonta M, Djordjevic SP, Timofte D. 2019- *Genetic features of mcr-1 mediated colistin resistance in CMY-2 producing Escherichia coli from Romanian poultry*, *Frontiers Microbiology*,10:article 2267, doi: 10.3389/fmicb.2019.02267; WOS:000491340800001 (**I.F.= 4.236**)
2. Porea D, Anita A, Vata A, Teodor D., Crivei L, Raileanu C, Gotu V., Rățoi I, **Cozma A**, Anita D., Oșlobanu L, Pavio N, Savuta G, 2020- *Common European origin of Hepatitis E virus in human population from Eastern Romania*, *Front. Public Health*, doi:10.3389/fpubh.2020.578163; WOS:000603622200001 (**I.F.= 3.709**)
3. Bratuleanu B., Anita A., Temmam S., Dascalu A., Crivei L., **Cozma A.P.**, Pourquier P., Savuta G., Eloit M., Anita D., 2022- *Seroprevalence of Crimean-Congo Hemorrhagic Fever Among Small Ruminants from Southern Romania*, *Vector Borne Zoonotic Dis.*, 22(7):397-401, doi: 10.1089/vbz.2021.0091; WOS:000819420900001 (**I.F.= 2.1**)
4. **Cozma A.P.**, Rîmbu C.M., Zendri F., Măciuca I.E., Timofte D., 2022- *Clonal Dissemination of Extended-Spectrum Cephalosporin-Resistant Enterobacterales between Dogs and Humans in Households and Animal Shelters of Romania*, *Antibiotics*, 11(9): 10.3390/antibiotics11091242; WOS:000858064900001 (**I.F.= 4.8**)
5. Rîmbu, C.M.; Serbezeanu, D.; Vlad-Bubulac, T.; Suflet, D.M.; Motrescu, I.; Lungoci, C.; Robu, T.; Vrânceanu, N.; Grecu, M.; **Cozma, A.P.**; et al., 2024- *Antimicrobial Activity of Artemisia dracuncululus Oil-Loaded Agarose/Poly(Vinyl Alcohol) Hydrogel for Bio-Applications*. *Gels*, 10(1), 26. <https://doi.org/10.3390/gels10010026>

Articole indexate ISI Proceedings:

1. Tipișcă M, **Cozma AP**, Aniță A, Aniță D, Savuța G., 2019- *Antibiotic resistance patterns of ESBL and AmpC- producing Escherichia coli isolated from slaughtered pigs*, *Proceedings of the International Scientific Congress “Life sciences, a challenge for the future”*, Iași 1:471-475, WOS:000747623800077



- Anita A, Porea D, **Cozma A**, Anita D, Savuta G. 2019- *Food Safety Risks Associated with Hepatitis E Virus Detection in Wild Boar Liver*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology, 76(2):145-148; WOS:000498884800009

În calitate de prim autor și coautor reviste indexate BDI:

- Cozma AP**, Carp-Cărare C, Porea D, Guguianu E, Rîmbu C, Mareș M, Carp-Cărare M, 2015- *The prevalence of ESBL-producing strains of E. coli and K. pneumoniae, isolated from pets treated with antibiotics*, Bulletin UASVM Veterinary Medicine, vol. 72(2): 406-410.
- Cozma AP**, Carp-Cărare C, Ciocan OA, Guguianu E, Mareș M, Rîmbu C, Carp-Cărare M, 2015- *The prevalence of positive ESBL E. coli and Klebsiella pneumoniae strains in the dogs in the Iași paddock*, Scientifical Papers: Veterinary Medicine Timișoara, vol. 48(2): 74-80.
- Rîmbu C, Botezatu C, Carp-Cărare C, Horhogeia C, Cretu C, Ciocan O, **Cozma A**, Sănduleanu C, Guguianu E, 2015- *Study on the Wild Boar Meat Contamination with Pathogenic Agents Involved in Foodborne Diseases*, Bulletin UASVM Veterinary Medicine, vol. 72(2): 277-278.
- Saftencu PA, **Cozma AP**, Ciocan OA, Pasca S, Solcan G., 2015- *A Case of Cystitis Produced by Esbl-Positive Escherichia Coli in A Male Cat*, Journal "Scientific papers - Veterinary Medicine " Series Iasi, vol.58:385-390.
- Ciocan OA, Carp-Cărare M, Rîmbu C, **Cozma AP**, Carp-Cărare C, Guguianu E, Panzaru CV, 2015- *The Incidence of dog recurrent otitis caused by strains of Multidrug-Resistant (MDR) Pseudomonas aeruginosa*, Scientifical Papers: Veterinary Medicine Timișoara, vol.48(3):26-31.
- Ciocan OA, Carp-Cărare M, **Cozma AP**, Carp – Cărare C, Rîmbu C, Coman G, Petraru E, Panzaru CV, 2015- *Isolation and Identification of Pseudomonas aeruginosa strains producing B-Lactamases (ESBL) and Carbapenemases (MBL) of human origin*, Scientific Works. Series C. Veterinary Medicine, vol. LXI (2):254-257.
- Ciocan OA, Carp-Cărare M, Carp-Cărare C, **Cozma AP**, Guguianu E, Rîmbu C, Petraru E, Panzaru CV, 2015- *Resistance Phenotypes of Pseudomonas aeruginosa strains of human origin in β -Lactamases*, Bulletin UASVM Veterinary Medicine, vol.72(2): 368-370.
- Ciocan (Moțco) OA, ÇIFTÇI A, Koçak Y, Carp-cărare M, Mareș M, **Cozma AP**, Crivei I, Guguianu E, Rîmbu C, Panzaru CV, Carp-Cărare C, 2015- *Phenotypes of Fluoroquinolone Resistance in Pseudomonas aeruginosa isolates from a Romanian Hospital*, Scientific Works. Series C. Veterinary Medicine., vol. LXII (1): 85-87.



9. Ciocan OA, Carp-Cărare C, **Cozma AP**, Guguianu E, Rîmbu C, Petraru E, Stratulat Petercă EC, Panzaru CV, Carp-Cărare M, 2015-*Resistance Phenotypes of Pseudomonas aeruginosa strains of human origin in Aminoglycosides*, Journal "Scientific papers - Veterinary Medicine" Series Iasi, vol. 58(3):474-478.
10. Ciocan OA, **Cozma AP**, Lipovan (Abalasei) I, Guguianu E, Panzaru CV, Mareş M, Carp-Cărare M, Carp-Cărare C, 2015- *Antibiotics Resistance Dynamics of isolated Pseudomonas aeruginosa strains in a hospital from Northeastern Romania in the period 2012 – 2014*, Journal "Scientific papers - Veterinary Medicine " Series Iasi, vol. 58(3):469-473.
11. **Cozma AP**, Ciocan OA, Carp-Cărare C, Guguianu E, Horhogeia C, Rîmbu C, Mareş M, Carp-Cărare M, 2016- *The prevalence of positive ESBL E. coli and Klebsiella pneumoniae strains isolated from the owners of pets*, Scientifical Papers: Veterinary Medicine Timișoara, vol. 49(3):20-25.
12. Golban R, Carp-Cărare M, Rîmbu C, Guguianu E, Carp-Cărare C, Horhogeia C, **Cozma AP**, 2016- *Investigations on lymphocytes blastization mechanism as a result of stimulation with a specific antigen*, Journal "Scientific papers - Veterinary Medicine " Series Iasi, vol. 59(3): 270-175.
13. Crivei IC, **Cozma AP**, Bors SI, Ruginosu E, Roșca P, Drugociu D, 2016- *Antibiotics sensitivity of isolated bacteria from dairy cows with clinical endometritis*, Scientifical Papers: Veterinary Medicine Timișoara vol. 49 (3): 26-32.
14. **Cozma AP**, Carp-Cărare M, Carp-Cărare C, Guguianu E, Rîmbu C, Măciucă IE, Timofte D, 2017- *CTX-M groups characterization in Escherichia coli producing extended-spectrum beta-lactamases (ESBL), isolated from dogs feces in two dog shelters from Moldova*, Scientifical Papers: Veterinary Medicine Timișoara vol.L (3):20-27.
15. **Cozma AP**, Crivei I, Ciocan OA, Carp-Cărare C, Rîmbu C, Guguianu E, Horhogeia C, Carp-Cărare M, 2017- *The prevalence of ESBL-producing strains of E. coli, isolated from calves with colibacillosis - preliminary remarks*, Bulletin UASVM Veterinary Medicine, vol. 74(1):129-131.
16. Crivei I, **Cozma AP**, Ciocan OA, Borș I, Roșca P, Drugociu D, 2017- *Preliminary remarks regarding the prevalence of ESBL-producing strains of E.coli and K.pneumoniae, isolated from cows with clinical endometritis*, Bulletin UASVM Veterinary Medicine, vol.74(1):132-134.
17. **Cozma AP**, Măciucă IE, Crivei A, Carp-Cărare C, Carp-Cărare M, Rimbu C, Anița A, Anița D, Timofte D, 2018- *Classification into phylogenetic groups of Escherichia colistrains isolated from fecal matter of healthy dogs and their owners*, Scientifical Papers: Veterinary Medicine Timișoara, vol. 51(1): 23-29.
18. **Cozma AP**, Măciucă IE, Carp-Cărare C, Rimbu C, Guguianu E, Carp-Cărare M, Timofte D, 2018- *Characterisation of the resistance patterns to non beta-lactam antimicrobials in ESBL-producing*



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19. Samson (Tudose) A, Rîmbu C, Carp-Cărare C, Tudose A., **Cozma AP**, Carp-Cărare M, 2018- *Serological supervision of Bluetongue disease in the South-East region of Romania*, Scientifical Papers: Veterinary Medicine Timișoara, vol. 51(3): 89-96.
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21. **Cozma AP**, Măciucă IE, Carp-Cărare C, Carp-Cărare M, Rîmbu C, ANIȚĂ A, Aniță D Timofte D, 2019- *Characterisation of Extended β -Lactamases and Plasmid Mediated Quinolones Resistance in Escherichia Coli from Shelter Dogs*, Bulletin UASVM Veterinary Medicine, vol.76(1):100-103.
22. M. Tipișcă, **A. P. Cozma** , Aniță D., A. Aniță, G. Savuța, 2020- *Preliminary investigations on prevalence of ESBL-production Escherichia coli strains in swine from Botoșani county*, Journal "Scientific papers - Veterinary Medicine " Series Iasi, 63 (3):310-316
23. I. A. Rățoi, L. A. Crivei, D. Porea, A. M. dascălu, **A. P. Cozma**, L. E. Oșlobanu, D. C. Aniță, A. Aniță, G. Savuța, 2020- *Preliminary Seroepidemiological Investigation Regarding Mycobacterium Avium Infection in Wild Boars and Foxes*, Bulletin UASVM Veterinary Medicine Cluj-Napoca, 77:165-170
24. M. Tipișcă , **A. P. Cozma** , Aniță D., A. Aniță, G. Savuța, 2020- *Preliminary results regarding the prevalence of CTX-M genes identified in E. coli strains isolated from slaughtered pigs*, Journal "Scientific papers - Veterinary Medicine " Series Iasi, 63 (3):317-320
25. Morosan S., **A. P. Cozma**, M. A. Dascalu, Pasca S., 2020- *Humanized Mouse Models and Human Viruses*, Journal "Scientific papers - Veterinary Medicine " Series Iasi, 63 (3):235-239.
26. Morosan S., **A. P. Cozma**, M. A. Dascalu, Pasca S., 2020- *Mouse Models and SARS-CoV-2*, Journal "Scientific papers - Veterinary Medicine " Series Iasi, 63 (3):240-244.
27. Rîmbu C, Horhogeia C, **Cozma A**, Cretu C, Grecu M, Rusu R, Guguianu E, 2020- *Analysis of Bacteriological Infected Dog and Cat Bite Wounds in Veterinary Medical Staff*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Veterinary Medicine, 77(1): 43-52.
28. M. Tipișcă, **A. P. Cozma**, Aniță D., E. Ișan , L. Oșlobanu, A. Aniță, Savuța G., 2021- *Preliminary Study on Phenotypic Detection of ESBL and Amp-C β -Lactamase-Producing Escherichia Coli Isolates from Slaughtered Pigs*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Veterinary Medicine, 78 (1): 144-146

29. CM Rîmbu, CE Horhoge, SA Neculai-Văleanu, Lungoci C, O Barboi, Robu T, **Cozma A**, M Grecu, 2021- *Phytocomplex with Zingiber Officinale extract, Piper nigrum and Piper cubeba oil- in vitro antimicrobial effect*, Scientific Papers Veterinary Medicine Lucrări Științifice Seria Medicină Veterinară, 64 (3): 1-17.
30. IC Crivei, LA Crivei, **AP Cozma**, Bugeac T, CM Bugeac, 2021- Milk fever and related postpartum diseases in dairy cattle—a review, Scientific Papers Veterinary Medicine Lucrări Științifice Seria Medicină Veterinară, 64 (4): 4-9
31. Moroșan S., **Cozma A.**, Dascălu A., 2023- *SARS-CoV-2 infection in cats and dogs: clinical analyses*, Scientific papers Veterinary Medicine, Series Iasi, 66(2): 73-75, ISSN 2393-4603.
32. Moroșan S., **Cozma A.**, Dascălu A., 2023- *The 3RS in tumor micro-environment studies: empirical bases of the ethical regulation*, Scientific papers Veterinary Medicine, Series Iasi, 66(2): 76-79, ISSN 2393-4603.
33. Moroșan S., **Cozma A.**, Dascălu A., Crivei L., 2023- *Dogs as sentinels for west nile virus? Iasi, Romania exposure*, Scientific papers Veterinary Medicine, Series Iasi, 66(2): 80-82, ISSN 2393-4603.
34. Moroșan S., **Cozma A.**, Dascălu A., 2023- *Investigating neutrophil subpopulation dynamics in a mouse model of SARS-COV-2 infection*, Scientific papers Veterinary Medicine, Series Iasi, 66(3):69-70. ISSN 2393-4603.
35. Moroșan S., **Cozma A.**, Dascălu A., 2023- *Cardiovascular consequences and Covid-19 infection: establish the model*, Scientific papers Veterinary Medicine, Series Iasi, 66(3):71-73. ISSN 2393-4603.
36. Moroșan S., **Cozma A.**, Dascălu A., 2023- *Animal models for CCHFV and BSL-2, BSL-3 surrogate models*, Scientific papers Veterinary Medicine, Series Iasi, 66(3):74-77. ISSN 2393-4603.
37. Moroșan S., **Cozma A.**, Dascălu A., 2023- *Animal models: important tools for studying SARS-Cov-2 infection*, Scientific papers Veterinary Medicine, Series Iasi, 66(3):78-80. ISSN 2393-4603.
38. Moroșan S., **Cozma A.**, Dascălu A., Crivei L., 2023- *Impact of recent and future climate change on vector-borne diseases: viruses analyses*, Scientific papers Veterinary Medicine, Series Iasi, 66(4):5-9. ISSN 2393-4603.
39. Moroșan S., **Cozma A.**, Dascălu A., Marot S., 2023- *Crimean-Congo hemorrhagic fever: a future health issue in France? What about Romania?*, Scientific papers Veterinary Medicine, Series Iasi, 66(4):10-13. ISSN 2393-4603.
40. Moroșan S., **Cozma A.**, Dascălu A., Crivei L., 2023- *In Vivo and In Vitro Models to Study the Mosquito-Borne Usutu Virus*, Scientific papers Veterinary Medicine, Series Iasi, 66(4):14-19. ISSN 2393-4603.



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42. Dascălu M.A., Daraban F., Manole G., **Cozma A. P.**, Moroșan Ș., Tanase O.I., 2023- *Haematological changes in canine parvovirus infection*, Scientific papers Veterinary Medicine, Series Iasi, 66(4):73-75. ISSN 2393-4603.
43. Crivei I. C., Crivei L. A., **Cozma A. P.** Veleşcu I. D., Rațu R. N., Stoica F., Postolache A.N., 2023- *Food safety in the age of transparency: clean label products in the post-COVID-19 ERA*, Scientific papers Veterinary Medicine, Series Iasi, 66(4):45-52. ISSN 2393-4603.

Coautor lucrări publicate în volume ale unor Congrese/Conferințe internaționale/naționale pe domenii cu ISBN/ISSN

1. Rîmbu C, Guguianu E, Golban R, Horhogeia C, Carp-Cărare C, Crețu C, Grecu M, **Cozma A**, Scutariu R, 2016- *Aspects regarding the evaluation of some local and systemic humoral effectors in oral infections in cats*, Revista Științe Agricole, 1: 77-85, ISSN 1857-0003.
2. Crivei LA, Oșlobanu LE, Aniță D, Aniță A, Rățoi IO, **Cozma AP**, Crivei IC, Savuța G, 2019- *Preliminary data regarding seroprevalence and risk factors associated with West Nile virus infection in horses in eastern Romania*, Proceedings of the Multidisciplinary Conference on sustainable development, Timișoara, 1: 310-314, ISBN 978-88-85813-60-1

Comunicări:

1. **Cozma A.P.**, Zendri F., Măciucă I.E., Rîmbu C.M., Timofte D., 2021- *High Occurrence of ESBL-producing Enterobacterales and Evidence of Inter-Species Transfer between Dogs, Owners and Kennel Staff in Romania*, 3rd International Conference of the European College of Veterinary Microbiology.
2. **Cozma A.**, M. Pasat, I. Măciucă, C. Rîmbu, F. Zendri, C. Pânzaru, M. Licker, E. Szekely, M. Flonta, S. P. Djordjevic, G. Savuța, D. Carter-Timofte, 2021- *Genomic aspects of cephalosporin and Colistin resistance in Escherichia coli in humans and animals*, XIV National Conference on Microbiology and Epidemiology.

