**LISTA LUCRĂRI SEMNIFICATIVE**

**CONF.DR. VASIU AUREL**

**CRITERIUL A1**

**1.1. Cărți și capitole în cărți de specialitate**

**1.1.1 Cărți/monografii/capitole ca autor**

* + - 1. **Internaționale – Capitol în cărți de specialitate**

1. **Aurel Vasiu**, Vasile Cozma, Anamaria Cozma-Petrut, Mihai Băieș, Marina Spînu, Emoke Pall, Diana Olah, Carmen Dana Șandru, Gheorghiță Duca, Kobolkuti Lorand and Gabriel Gati - Immune-Enhancing Medicinal Plants: Are they a One Health, One Welfare Actor? - 2024, IntechOpen's Online First service, DOI: 10.5772/intechopen.1004838
   * + 1. **Naționale**

1. **Vasiu A**. – 2012 - Metode imunologice de diagnostic în tuberculoză la taurine, Editura Napoca Star,ISBN 978-973-647-965-6

2. Vasiu C. (coordonator), Tudor V., **Vasiu A**., Predoi Florica – 2015 – Boli bacteriene și virale la păsări, Editura Napoca Star,ISBN 978-606-690-358-5

3. Vasiu C., **Vasiu A** – 2016 – Tratat de boli bacteriene**,** Editura Napoca Star, ISBN 978-606-543-659-6

4. Vasiu C. și colab - 2019– coautor la Tratat de Boli Virale si Boli Prionice, Editura Napoca Star, ISBN 978-606-690-964-8

* 1. **Material didactic**

**1.2.1. Manuale didactice**

1. Pall Emoke**, Vasiu Aurel**, Boli infecțioase 1 - manual didactic, 2022, Editura Academic Pres, Romania, ISBN 978-973-744-979-5
2. **Vasiu Aurel** – 2023 – Legislatie si deontologie veterinara, Manual Didactic, Editura AcademicPres, ISBN 978-630-309-036-8
3. **Vasiu Aurel** – 2025 – Boli Infecțioase 4, Manual Didactic, Editura AcademicPres, Romania, ISBN 978-630-309-162-4

**1.2.2. Îndrumătoare de laborator**

* 1. **Vasiu Aurel** – 2023 - Legislatie si deontologie veterinara, Indrumator lucrari practice, Editura AcademicPres, ISBN 978-630-309-037-5

**CRITERIUL A2**

**2.1. Articole în reviste cotate ISI**

**Articole ISI ca autor principal (prim-autor/corresponding/senior author)**

1. Spinu, M; Niculae, M, Pastiu, AI, Sandru, CD, Pall, E**,** **Vasiu, A**, Vegetal extracts influence in vitro on the cell-mediated immunity in carnivores depending on health status, target species and plant taxonomy, Industrial Crops And Products Volume: 88 Pages: 44-47 Special Issue: SI DOI: 10.1016/j.indcrop.2016.02.060 (IF. 3,849) <https://www.sciencedirect.com/science/article/pii/S0926669016301273>
2. Pall, E, ; Niculae, M, Brudasca, GF Ravilov, RK, Sandru, CD, Cerbu, C , Olah, D Zablau, S, Potarniche, AV, ; Spinu, M, ; Duca, G, Rusu, M, Rzewuska, M **, Vasiu, A**, 2021, Assessment and Antibiotic Resistance Profiling in Vibrio Species Isolated from Wild Birds Captured in Danube Delta Biosphere Reserve, Romania, Antibiotics-Basel Volume10 Issue3, DOI10.3390/antibiotics10030333 PublishedMAR (IF.5.222) <https://www.mdpi.com/2079-6382/10/3/333>
3. Bor, PA; Duca, G; Sandru, CD; Olah, D; Spinu, M; Pall, E; Cerbu, C; Ungureanu, E; Potarniche, A; **Vasiu, A**, 2023, Could vegetal extracts enhance the cell-mediated immunity and aleviate vaccination stress in dairy cattle?, Agrolife Scientific Journal, Vol. 11(2), pag. 30-32, (IF.0.5) doi.org/10.17930/AGL202223, <https://agrolifejournal.usamv.ro/index.php/agrolife/article/view/795/772>
4. Lazar, CI ; Duca, G ; Sandru, CD ; Olah, D ; Spinu, M ; Pall, E ; Cerbu, C ; Giurgiu, O ; Potarniche, A ; **Vasiu, A**., 2023, Antibiotic profile of bacteria isolated from the skin surface from extensively raised swine, Agrolife Scientific Journal, Vol. 11(2), pag.80-84, (IF.0.5) doi.org/10.17930/AGL2022210, [https://agrolifejournal.usamv.ro/index.php/agrolife/article/view/333/332](https://agrolifejournal.usamv.ro/index.php/agrolife/article/view/333/332%20)
5. Duca, Gheorghita; Spinu, Marina; Pall, Emoke, Emeline Chanove, Silvana Popescu, Carmen Dana Sandru, **Vasiu Aurel** – 2024 - From stable to stable: how does stress influence the first line of immune defense in sport horses - Medycyna weterynaryjna-veterinary medicine-science and practice, Volume 80, Issue 2, Page 83-87, (IF.0.4), [doi.org/10.21521/mw.6852](http://dx.doi.org/10.21521/mw.6852), [2024026852.pdf](http://www.medycynawet.edu.pl/images/stories/pdf/pdf2024/022024/2024026852.pdf)

Co-autor la articole ISI

1. Șandru Carmen Dana, Niculae Mihaela, Pall Emoke, Brudaşcă F., **Vasiu A**., Cerbu Constantin Gheorghe, Giupana Radu, Spînu Marina - Differential influence of seabuckthorn on the in vivo and in vitro cell-mediated immune responses in chickens with Gumboro disease, Indian Journal of Pharmaceutical Education and Research | Vol 51 | Issue 3 | Jul-Sep,2017,(IF.0.25),doi:10.5530/ijper.51.3s.38, <https://archives.ijper.org/sites/default/files/Doi%20-%20article%20id%2010.5530ijper.51.3s.38.pdf>
2. Spînu Marina, Niculae Mihaela, Pall Emoke, Brudaşcă F., **Vasiu A.**, Cerbu Constantin Gheorghe, Giupana Radu, Șandru Carmen Dana - The potential role of antigen priming in increasing the overall antimicrobial resistance in captive Silver foxes, Indian Journal of Pharmaceutical Education and Research | Vol 51 | Issue 3 | Jul-Sep, 2017, (IF.0.25), DOI: 10.5530/ijper.51.3s.37,<https://ijper.org/sites/default/files/Doi%20-20article%20id%2010.5530ijper.51.3s.37_1.pdf>
3. Constantin Gheorghe Cerbu, Marina Spînu, Carmen Dana Șandru, **Aurel Vasiu**, Diana Olah, Gheorghe Florinel Brudașcă - Influence of the raising system on phagocytosis in the endangered Danube salmon (Hucho hucho), Global Ecology and Conservation, 2018/12/28, (IF.2.751), doi.org/10.1016/j.gecco.2018.e00514, <https://www.sciencedirect.com/science/article/pii/S2351989418304670>
4. Spînu Marina, Pall Emoke, Niculae Mihaela, **Vasiu Aurel** , Brudaşcă Gheorghe Florinel, Cerbu Constantin Gheorghe, Negrutiu Vlad, Vasiu Constantin, Silvana Popescu, Sandru Carmen Dana, - Seasonal changes of phagocytic activity enhanced by an acoholic mint extract in cultured rainbow trout, Indian Journal of Pharmaceutical Education and Research Vol 52, Issue 4 (Suppl), Oct-Dec, 2018, (IF.0.25), DOI: 10.5530/ijper.52.4s.80, <https://archives.ijper.org/sites/default/files/IndJPhaEdRes_52_4-s86.pdf>
5. Șandru Carmen Dana, Niculae Mihaela, Pall Emoke, Brudaşcă Florinel, **Vasiu Aurel**, Silvana Popescu, Cerbu Constantin, Giupana Radu, Vasiu Constantin, Valentin Tudor, Spînu Marina, Prolonged in vivo stinging nettle treatment impacts on functional capacity of leukocytes in immunologically mature chickens, Indian Journal of Pharmaceutical Education and Research, Vol 52, Issue 4 [Suppl], Oct-Dec, 2018, DOI: 10.5530/ijper.52.4s.81,(IF.0.25), <https://archives.ijper.org/sites/default/files/IndJPhaEdRes_52_4-s90.pdf>
6. Olah, DI , Pall, E, Cerbu, C, Zablau, SD, Duca, G, Suatean, MI, Potarniche, AV **Vasiu, A**, Spinu, M , 2022, A Peek into the Bacterial Microbiome of the Eurasian Red Squirrel (Sciurus vulgaris), Animals, Volume12, Issue5, DOI10.3390/ani12050666, PublishedMAR (Olah DI and Pall E. equal contribution). (IF.3.231) <https://www.mdpi.com/2076-2615/12/5/666>
7. Oprescu, A, **Vasiu, A**, Sandru, CD Olah, D, Spinu, M**,** Pall, E**,** Duca, G, Marian, F, Zablau, S, Mitrea, IL, Microphagic activity in hens with marek's disease, Agrolife Scientific Journal Volume11 Issue1, Page157-160, PublishedJUN 2022, Indexed 2022-07-13 (IF. 0,5). <https://agrolifejournal.usamv.ro/pdf/vol.XI_1/Art18.pdf>
8. Rusu Laura Andreea, Sandru Carmen Dana, Olah Diana, Pall Emoke, Cerbu Constantin, **Vasiu Aurel**, Cozma Vasile, Baies Horia Mihai, Spinu Marina -2024 -How antimicrobial plant extracts can affect the in vitro cell-mediated response in free-range Mangalitsa pigs, Medycyna weterynaryjna-veterinary medicine-science and practice, Volume 80(11):6952-2024, (IF. 0,4), doi.org/10.21521/mw.6952, [2024126952.pdf](http://www.medycynawet.edu.pl/images/stories/pdf/pdf2024/122024/2024126952.pdf)
9. Lazar Cristina Ioana, Duca Gheorghita, Sandru Carmen Dana, Olah Diana, Pall Emoke, Cerbu Constantin, Giurgiu Ovidiu, Potarniche Adrian, **Vasiu Aurel**, Spinu Marina - Honey and propolis reduce the antibacterial resistance of staphylococci, Medycyna weterynaryjna-veterinary medicine-science and practice, 80(10):6939-2024 DOI:[10.21521/mw.6939](http://dx.doi.org/10.21521/mw.6939), (IF. 0,4)
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<https://www.ijidonline.com/article/S1201-9712(18)34697-6/fulltext>

2. Niculae M., Bojkovski J., Pall E., Popescu Silvana, Spinu M., Sandru C.D., **Vasiu A**. Cerbu C., Mates I. - Occurrence and diversity of Vibrio species in the Danube Delta ecosystem -Journal of Biotechnology 280 (Supplement), S49, ISSN: 0168-1656, 2018

DOI:[10.1016/j.jbiotec.2018.06.157](http://dx.doi.org/10.1016/j.jbiotec.2018.06.157),

3. **A Vasiu**, CD Sandru, E Pall, PDG Duca - [The assessment of antimicrobial susceptibility of bacterial strains isolated from wild birds in the Danube delta biosphere reserve](https://scholar.google.ro/scholar?oi=bibs&cluster=10492125522521520309&btnI=1&hl=ro), - International Journal of Infectious Diseases, 2025, <https://doi.org/10.1016/j.ijid.2024.107733>

4. **A Vasiu**, CD Sandru, E Pall, PDG Duca - [Seasonal change could impact on zoonotic bacteria and their antimicrobial resistance in the Danube Delta aquatic environment](https://scholar.google.ro/scholar?oi=bibs&cluster=17776979200860136952&btnI=1&hl=ro), International Journal of Infectious Diseases, 2025, <https://doi.org/10.1016/j.ijid.2024.107718>

2.3 Articole BDI

Articole BDI prim sau unic autor

1. **Aurel Vasiu**, Emöke Páll, Marina Spînu, Sergiu Dan Zăblău, Emilia Ungureanu, Monica Ioana Suătean, Gheorghe Florinel Brudașcă, Diana Ioana Olah - Evaluation of bacterial involvement in an episode of neonatal calf diarrhea, AgroLife Scientific Journal - Volume 11, Number 2, 2022, (IF. 0,5), [doi.org/10.17930/AGL2022231](https://doi.org/10.17930/AGL2022231)

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1. **Vasiu Aurel**, Spinu, Marina; Pall, Emoke, Silvana Popescu, Carmen Dana Sandru Duca, Jaroslaw Kaba, Gheorghita,– 2024 - In vitro influence of plant extracts extending beyond taxonomy: A comparison of chicken and rabbit cell-mediated responses - Medycyna weterynaryjna-veterinary medicine-science and practice, Volume 80, Issue 6, Page 278-282, (IF. 0,4), DOI: dx.doi.org/10.21521/mw.6876 [2024066876.pdf](http://www.medycynawet.edu.pl/images/stories/pdf/pdf2024/062024/2024066876.pdf)

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1. **Vasiu A**., Spînu Marina, Vasiu C., Brudasca F., Dobrean V., Dumitru C., Lungu D. - 1998 - Influenta stimularii antigenice asupra raspunsului imun sistemic la vulpi de crescatorie. Reactivitatea imuna specifica - Al XXIV-lea simpozion "Actualitati în patologia animalelor domestice", Cluj-Napoca, p. 631.
2. **Vasiu A**., Spînu Marina, Vasiu C., Dobrean V., Dumitru C., Brudasca F., Iancu S. - 1998 - Evaluarea capacitatii de blastizare leucocitara in vitro la bovine tuberculino-reagente - Al XXIV-lea simpozion "Actualitati în patologia animalelor domestice", Cluj-Napoca, p. 625.
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4. **Vasiu A**., Pastiu Anamaria Ioana, Niculae Mihaela, Pall Emoke, Şandru Carmen Dana , Cerbu C., Giupana R., Spînu Marina – 2015 – A comparative evaluation of Marek's disease epidemiology on light versus heavy breed chicken farms, Scientifical papers Veterinary MedicineTimisoara,vol.XLVIII(3),ISSN:1221-5295,p.214-219, <https://usab-tm.ro/utilizatori/medicinaveterinara/file/simpozion%202015/VOL_%20XLVIII-3_2015_Complete.pdf>
5. **Vasiu A**., Pastiu Anamaria Ioana, Niculae Mihaela, Pall Emoke, Şandru Carmen Dana, Cerbu C., Giupana R., Spînu Marina – 2015 – An estimate of the reciprocal relationship between innate and adaptive cell mediated responses in hens infected with Marek's sisease herpes virus, Scientifical papers Veterinary Medicine Timisoara, vol.XLVIII(3), ISSN:1221-5295,p.220-226, <https://usab-tm.ro/utilizatori/medicinaveterinara/file/simpozion%202015/VOL_%20XLVIII-3_2015_Complete.pdf>
6. Vasiu A., Niculae Mihaela, Brudasca Gh.F., Şandru Carmen Dana, Pall Emoke, Cerbu C., Giupana R., Pastiu Anamaria Ioana, Spînu Marina – 2015 – The overall effect of anti anthrax vaccination on the immunity in extensively raised bovine, Scientific Works. Series C. Veterinary Medicine. Vol. LXI (2) ISSN 2065-1295; ISSN 2343-9394 (CD-ROM); ISSN 2067-3663(Online);ISSN-L2065-1295, <https://veterinarymedicinejournal.usamv.ro/pdf/2015/issue_2/Art15.pdf>
7. **Vasiu A**., Gh. F. Brudaşcă, Mihaela Niculae, Diana Olah, Carmen Dana Şandru, Marina Spînu- 2015 - Anti- Mycoplasma agalactiae therapy influnces the systemic immunity in sheep, Simpozionul „Progres şi perspective în Medicină Veterinară”, USAMV Ion Ionescu de la Brad, vol. 58(3), p. 638-642 ISSN 1454-7406, [https://www.uaiasi.ro/revmvis/index\_htm\_files/vol\_58 \_2015\_3.pdf](https://www.uaiasi.ro/revmvis/index_htm_files/vol_58%20_2015_3.pdf)
8. **A. Vasiu**, C.Vasiu, Silvana Popescu, Gh. F. Brudaşcă, Carmen Dana Şandru, Marina Spînu - 2016- The diagnostic value of the simultaneous use of delayed type hypersensitivity and gamma interferon quantification tests in bovine tuberculosis - Lucrări ştiinţifice medicină veterinară vol. XLIX, 2016, Timişoara, p. 145-150, <https://usab-tm.ro/utilizatori/medicinaveterinara/file/lucrst2016/VOL%20XLIX-2_2016_Complet.pdf>
9. **A. Vasiu**, C.Vasiu, Emoke Pall, Mihaela Niculae, Anamaria Ioana Paştiu, Ionuţ Ionuţ, Carmen Dana Şandru, Marina Spînu - 2016 - In vitro blast transformation and leukocyte migration inhibition tests and their diagniostic value in bovine tuberculosis - Lucrări ştiinţifice medicină veterinară vol. XLIX, 2016, Timişoara, p.138-144

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2. **Vasiu A**., Sandru CD, Szalo-Muresan D, Niculae M, Cerbu pdf C, Seicheli R, Brudasca GF, Krasovskaia I, Spinu M: - 2019 - Temporal dynamics of post-vaccination humoral imune response in Ostriches primed against anthrax, Lucrari Stiintifice-Universitatea de Stiinte Agricole a Banatului Timisoara, Medicina Veterinara Volume 52 Issue 4 Pages 120-125, <https://www.usab-tm.ro/utilizatori/medicinaveterinara/file/Volum%20LII%284%29%202019.pdf>
3. **Aurel Vasiu**, Orsolya Bartis, Carmen Dana Șandru, Marina Spînu, Sergiu Zăblău, Gheorghiță Duca, Emöke Páll - Assessment of the antibiotic resistance profile in mastitic milk of dairy cows, dependent on therapy and clinical condition - Scientific Works. Series C. Veterinary Medicine. Vol. LXVIII (2), 2022 - ISSN 2065-1295; ISSN 2343-9394 (CD-ROM);ISSN2067-3663(Online);ISSN-L2065-1295, [https://veterinarymedicinejournal.usamv.ro/pdf/2022/issue\_2/Art18.pdf](https://veterinarymedicinejournal.usamv.ro/pdf/2022/issue_2/Art18.pdf%20)
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7. [**Vasiu A**.](https://dergipark.org.tr/en/pub/@698C91-D47F23-E3884E-6ABD52-FD17DD-A11687-268947-178964-91AE53-2BACE7-396110-83), [Carmen Sandru](https://dergipark.org.tr/en/pub/@sandranac@gmail.com), [Marina Spinu](https://dergipark.org.tr/en/pub/@marina.spinu), [Emilia Ungureanu](https://dergipark.org.tr/en/pub/@emiliatrif), [Florina Marian](https://dergipark.org.tr/en/pub/@florina.marian21), [Silvana Popescu](https://dergipark.org.tr/en/pub/@silvana.popescu@usamvcluj.ro), [Alexandra Oprescu](https://dergipark.org.tr/en/pub/@2676E7-258A2B-025C69-91FA98-8F4258-8E1691-454416-677964-D18BD0-A58091-006861-33), [C. Ilasca](https://dergipark.org.tr/en/pub/@ilasca2023_) - [Environmental pollution degree changes the biological activity of nettle plant extracts in chickens](https://dergipark.org.tr/en/pub/cupmap/issue/79524/1337889),  [Current Perspectives on Medicinal and Aromatic Plants](https://dergipark.org.tr/en/pub/cupmap), Volume 6, Issue 2, 2023, 84 - 89, [10.38093/cupmap.1337889](https://doi.org/10.38093/cupmap.1337889). [https://dergipark.org.tr/en/download/article-file/3308832](https://dergipark.org.tr/en/download/article-file/3308832%20)
8. [**Vasiu A**.](https://dergipark.org.tr/en/pub/@698C91-D47F23-E3884E-6ABD52-FD17DD-A11687-268947-178964-91AE53-2BACE7-396110-83), [Carmen SANDRU](https://dergipark.org.tr/en/pub/@sandranac@gmail.com), [Emoke Pall](https://dergipark.org.tr/en/pub/@DFD67C-45D87D-52199A-0B5428-5D0519-C31686-927174-900764-8C7746-DBE8B7-449916-05), [Emilia Ungureanu](https://dergipark.org.tr/en/pub/@emiliatrif), [Florina Marian](https://dergipark.org.tr/en/pub/@florina.marian21), [Silvana Popescu](https://dergipark.org.tr/en/pub/@silvana.popescu@usamvcluj.ro), [Alexandra Oprescu](https://dergipark.org.tr/en/pub/@2676E7-258A2B-025C69-91FA98-8F4258-8E1691-454416-677964-D18BD0-A58091-006861-33), [Ciprian Ilasca](https://dergipark.org.tr/en/pub/@ilasca2023_) - [Host and plant taxonomy as influential factors in controling in vitro specific cell-mediated response in herbivores](https://dergipark.org.tr/en/pub/cupmap/issue/79524/1337829), [Current Perspectives on Medicinal and Aromatic Plants](https://dergipark.org.tr/en/pub/cupmap), Volume 6, Issue 2, 2023, 78 - 83, [10.38093/cupmap.1337829](https://doi.org/10.38093/cupmap.1337829). <https://dergipark.org.tr/en/download/article-file/3308580>
9. **Vasiu Aurel**, Pall Emoke, Duca Gheorghita, Spinu Marina, Sandru Carmen Dana, Olah Diana - Predictive value of circulating immune complexes’ levels and lesional scores in contagious agalactia of sheep -2024 - ACTA AGRICOLA ROMANICA, Volume 6, Year 6,No.6.3.,pag169. <https://www.asas.ro/Acta%20agricola/AA6.3.ZootehnieMedicinaVeterinara.pdf>
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12. **Vasiu Aurel**, Sandru Carmen Dana, Pall Emoke, Janos Nanasi, Marian Florina, Olah Diana, Spinu Marina - Immunological influences of the Calendula Officinalis tea treatment in dairy cows -2024 - Current Perspectives on Medicinal and Aromatic Plants, Volume: 7 Issue: 2, 135 - 145, DOI:10.38093/cupmap.1531116, <https://dergipark.org.tr/en/download/article-file/4135461>
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