

CURRICULUM VITAE (29.12.2023)

PERSONAL DETAILS

Last name: Niculae
First names: Mihaela
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Academic degree: Senior Lecturer
Other degrees: PhD in Medical Sciences (Veterinary Medicine) (2011)
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researchgate https://www.researchgate.net/profile/Mihaela_Niculae/info/?ev=prf_info
scholar.google https://scholar.google.ro/citations?user=aJjW_cgAAAAJ&hl=en
sciprofiles <https://sciprofiles.com/profile/774224>
loop.frontiersin.org <https://loop.frontiersin.org/people/1287106/overview>

EDUCATION

- 2014-2015 University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, **Postdoctoral** research Project no POSDRU/159/1.5/S/1368939.
- 2005-2011 University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, **Ph.D.** in Medical Sciences (Veterinary Medicine) with the topic: „Assessment of the bioavailability of some immunomodulatory and/or antimicrobial herbal extracts for the therapy of canine otitis externa”, supervisor Prof. Marina Spinu.
- 2005-2007 University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, **Master Degree** in “Animal Pathology and Public Health”.
- 1999-2005 University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, **Degree of Doctor of Veterinary Medicine** (DVM).

TRAINING STAGES / LIFE-LONG LEARNING

- 2023 5th ISHAM-International Veterinary Mycology Course, FMV Iasi, onsite training
- 2023 4th Annual Davis-Thompson Foundation Eastern European Veterinary Pathology Meeting in Sarajevo, onsite training on poultry necropsy
- 2023 Veterinary Homeopathy I - workshop with Dr. MarieNoelle Issautier, FMV Iasi, Romania, onsite training
- 2023 Antimicrobial Susceptibility Testing of Priority Animal Pathogens in The Asia-Pacific Region Webinar
- 2023 Davis Thompson Foundation online training „Fun at Fringe of Feline Pathology”
- 2023 Davis Thompson Foundation online training SESC Case Archive: The Catalan Slaughterhouse Support Network
- 2023 Canine and Feline Coagulopathies: A Case-Based Approach, HESKA online webinar
- 2022 SIS OT workshop OSRO/GLO/813/OIE - Pilot workshop, Bucharest
- 2021 Davis Thompson Foundation Seminar on Poultry Diseases, online training

- 2021 Davis Thompson Foundation Diagnostic series: Deductive logic and pathological diagnosis, online training
- 2021 Training Sound Control Basic Concepts in Epidemiology and Surveillance, online training
- 2020 Parma Summer School, online training
- 2019 Davis Thompson Foundation Seminar on Diseases of the Horse, Madrid, Spain
- 2018 Davis Thompson Foundation Seminar on Poultry Diseases, Belgrade, Serbia, onsite training on poultry necropsy
- 2018 training project EU FP7 EFFORT Metagenomics applied to surveillance of pathogens
- 2015 Laboratory training, Norwegian University of Life Sciences, EEA Norway Grants
- 2008 Laboratory training, University of Agriculture Athens, Greece
- 2007 Laboratory training, BenGurion University, Israel
- 2006 Laboratory training, University of Cordoba, Spain

ABROAD SCHOLARSHIPS/TEACHING MOBILITY

- 2023 Erasmus: teaching scholarship (Marocco): Université Hassan 2 Ain Chock Casablanca
- 2023 Erasmus: teaching scholarship (Turkey): Ankara University
- 2023 Erasmus: teaching scholarship (Hungary): University of Veterinary Medicine Budapest
- 2022 Erasmus: teaching scholarship (Hungary): University of Veterinary Medicine Budapest
- 2022 Erasmus: teaching scholarship (France): École nationale vétérinaire d'Alfort - EnvA
- 2021 Erasmus: teaching scholarship (Jordan): JUST Irbid
- 2021 Erasmus: training scholarship (Armenia): Armenian National Agrarian University Yerevan
- 2020 Erasmus: teaching scholarship (Hungary): University of Veterinary Medicine Budapest
- 2019 Erasmus: teaching scholarship (Hungary): University of Veterinary Medicine Budapest
- 2017 Erasmus: teaching scholarship (Spain): University of Cordoba
- 2012 Erasmus: teaching scholarship (Portugal): Faculty of Veterinary Medicine in Lisbon
- 2006-2007 Nicolae Titulescu study scholarship (Spain): University of Cordoba
- 2006-2007 Erasmus study scholarship (Spain): University of Cordoba

ACADEMIC CAREER

- Since 2012 **Lecturer**, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, Department of Clinics, Discipline of Infectious Diseases,

- 2008-2012 **Teaching Assistant**, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, Department of Clinics, Discipline of Infectious Diseases
- 2005-2011 **Ph.D. Student**, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, Department of Clinics, Discipline of Infectious Diseases

ACADEMIC ASSIGNMENTS

- Academic Coordinator for Erasmus program – Non EU: Algeria (2019-2023), Jordan (2020-2022), Armenia (since 2020), Chile (since 2023), Cuba (since 2023)

TEACHING ASSIGNMENTS

- 2006-2011 Infectious diseases 1 laboratory (4th year, English program).
- 2006-2011 Infectious diseases 2 laboratory (4th year, English program).
- 2011-2012 Animal Protection and Animal welfare laboratory and lecture (3rd year, English program).
- Since 2011 Infectious diseases 1 and 2 laboratory and lecture (4th year, English program).
- Since 2011 Infectious diseases 3 and 4 Clinical activity (5th year, English program)
- Since 2014 Swine clinic, Poultry clinic (6th year, English program)
- Since 2014 Ruminants clinic (6th year, English program)
- Since 2022 Shelter medicine (6th year, English, Romanian and French programs)
- Since 2022 Poultry internship – infectious diseases
- Since 2023 Poultry clinic – infectious diseases (6th year, English, Romanian programs)

EVALUATOR ASSIGNMENTS (national and international)

- Member of the graduation examination board for the Veterinary Medicine English line section (since 2017)
- Member of the admission examination board for the Veterinary Medicine Romanian line (2020, 2021)
- Coordinator of the admission examination board for the Veterinary Medicine Romanian line (2022)
- Member of the PhD thesis examination board for Nassiba Fatene – PhD thesis „Evaluation des proprietes biologiques et anticorrosives de quelques extraits de plantes aromatiques sur les arcs orthodontiques a base de Nickel-Titane: Etude in vivo et in vitro”, Université Hassan 2 Ain Chock Casablanca (2023)

PROJECTS

Director Research contract Ceva ANIMALE ROMANIA S.R.L. 2023-2024

Member of Management Committee COST Action CA17110 Standardizing output-based surveillance to control non-regulated diseases of cattle in the EU

Research project 2018 PN3-P1-1.1 MC 2018-0042

Member of the research team in national projects:

- 2023 Project ADER 10.1.2 Cercetari privind particularitatile evolutive ale tulpinii de virus gripal si elaborarea unor produse de tip imunoprofilactic utilizabile in controlul gripei aviare si al factorilor de risc epidemiologic in Romania (Research on the evolutionary characteristics of the influenza virus strains and the development of immunoprophylactic products that can be used in the control of avian influenza and epidemiological risk factors in Romania)
- 2021-2023 Proiect intern USAMVCN Dezvoltarea și optimizarea capacității de diagnostic de laborator prin utilizarea tehnicilor imunochimice și de enzimologie în patologii la animale (Development and optimization of laboratory diagnostic capacity using immunochemical and enzymology techniques in animal pathologies)
- 2021-2023 Proiect intern USAMVCN Noi terapii pentru animale: fitoaditiv furajer pentru terapia si profilaxia eimeriozei la puii de gaina (New therapies for animals: feed phytoadditive for the therapy and prophylaxis of eimeriosis in chickens)

2012-2016 PNII PCCA 61/2012; 2009-2013 PNII Idei PCCE CNCSIS 84; 2009-2011 PNII Idei CNCSIS 2528 Caracterul antibacterian și stimulator al regenerării țesuturilor al biomaterialelor fosfatice (The antibacterial and wound healing properties of phosphatic biomaterials); 2006-2008 CNCSIS A 874/2006 Influența poziției filogenetice asupra calităților imunomodulatoare ale unor extracte vegetale utilizabile ca adjuvanți la ierbivore de fermă; 2006-2008 CEEEX 99/2006 Obținerea unor extracte vegetale integrale și fracționate cu biodisponibilitate ridicată și potențial de adjuvantare pentru specii de animale de interes economic; PN-III-P2-2.1-CI-2018-1047, 181 CI/2018, Compoziții de batoane nutriționale pe bază de făină din germeți uscați de semințe din familiile cucurbitaceae, asteraceae și amaranthaceae; PN-III-P2-2.1-CI-2018-132, Dezvoltarea unui produs inovativ pe bază de zeolit în vederea tratamentului diareei la viței; PN-III-P2-2.1-CI-2018-1008, Dezvoltarea unui nanocompus inovativ în vederea tratamentului mamitelor la vacile de lapte; Proiect PN-III-P2-2.1-CI-2017-0786, Bioconversia fructelor rezultate din căderile fiziologice în compoziții bogate în principii biologice active

FOREIGN LANGUAGES: English, Spanish

MEMBER IN PROFESSIONAL ASSOCIATIONS:

- European Society of Clinical Microbiology and Infectious Diseases (ESCMID)
- The International Society For Human And Animal Mycology (ISHAM)
- Society for Medicinal Plant and Natural Product Research (GA)
- Association for Medicinal and Aromatic Plants of Southeast European Countries
- L'Association pour l'Étude de l'Épidémiologie des Maladies Animales
- Colegiul Medicilor Veterinari din România (College of Veterinarians from Romania)
- Asociația Medicilor Veterinari din România pentru suine (Association of Swine Veterinarians from Romania)
- Romanian Society for Cell Biology
- Asociației Române de Gemoterapie și Homeopatie (Romanian Association for Gemotherapy and Homeopathy)

EDITOR FOR JOURNALS:

- Guest editor in Antibiotics (https://www.mdpi.com/journal/antibiotics/special_issues/HOV59S2740) IF=4.8
- Topical Advisory Panel Member MDPI -Ruminants, Veterinary Sciences, IJMS, Dairy
- Review Editor in Frontiers in Veterinary Science, Veterinary Infectious Diseases (<https://loop.frontiersin.org/people/1287106/overview>) IF=3.2
- Review Editor in Frontiers in Microbiology, Microbe and Virus Interactions with Plants (<https://loop.frontiersin.org/people/1287106/overview>) IF=5.2
- Editorial Team Member of UTTAR PRADESH JOURNAL OF ZOOLOGY (<https://mbimph.com/index.php/UPJOZ/about/editorialTeam>)
- Guest Editor for Polish Journal of Natural Sciences (<http://www.uwm.edu.pl/polish-journal/homepage>)
- Editorial Board Member of International Journal of Animal Science and Technology (<https://www.sciencepublishinggroup.com/journal/editorialboard?journalid=307>)
- Editorial Board Member of Trends in Horticulture (<https://systems.enpress-publisher.com/index.php/TH/about/editorialBoard>)
- Member of Editorial Board of Basrah Journal of Veterinary Research (<https://bjvr.uobasrah.edu.iq/journal/editorial.board>)
- Editor Modern Journal of Medicine and Biology (<https://crgjournals.com/medicine-and-biology/editors/mihaela-niculae>)

REVIEWER FOR JOURNALS:

- Frontiers in Veterinary Science
- Journal of Applied Research on Medicinal and Aromatic Plants
- Chemistry and Biodiversity
- Fitoterapia
- European Journal of Integrative Medicine
- MDPI: Animals, Veterinary Sciences, Horticulture, Biomolecules, Forests, Separations, Molecules, Antibiotics, Plants, Pharmaceuticals, Journal of Fungi, Cells, Microorganisms, Cancers, Nutrients, Diagnostics, Genes
- Tropical Medicine and Health
- Journal of Herbmed Pharmacology
- Veterinary Research Communications
- TURJAF
- UTTAR PRADESH JOURNAL OF ZOOLOGY
- Macedonian Veterinary Review
- International Journal of Equine Science
- Veterinary World
- Journal of Central European Agriculture
- Veterinary Vaccine
- Asian Journal of Research in Animal and Veterinary Sciences
- International Journal of Environment and Climate Change
- Archives of Pharmacy and Pharmaceutical sciences

- Asian Journal of Food Research and Nutrition
- Advances in Zoology and Botany
- Asian Journal of Research in Infectious Diseases,
- Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Veterinary Medicine
- International Journal of Ecology and Ecosolution,
- Journal of Advances in Biology & Biotechnology
- Journal of Agriculture Research,
- Journal of Applied Life Sciences and Environment (Iasi)
- Microbiology Research Journal International
- Modern Journal of Medicine and Biology
- World Journal of Microbiology

PUBLISHED BOOKS: 1

1. **Niculae Mihaela**, Marina Spînu – Diagnostic integrat în boli infecțioase la animale. Editura Risoprint Cluj-Napoca, 2012, ISBN 978-973-53-0853-2

CHAPTERS IN BOOKS: 2

1. Marina Spînu, **Mihaela Niculae**, Silvana Popescu, Eموke Pall and Carmen Dana Sandru; Antimicrobial Resistance - A Global Threat : Multidrug Resistance in Zoonotic Pathogens: Are Medicinal Plants a Therapeutic Alternative? Intechopen, Published: November 27th 2018 DOI: 10.5772/intechopen.81703, ISBN 978-953-51-6454-8.
2. Marina Spînu, Anca Elena Gurzău, Carmen Dana Șandru, Gabriel Gati and **Mihaela Niculae**, Antibiotic Use in Animals: Heavy Metal Pollutome and Microbial Resistome Reciprocal Interaction and Its Impact on Human and Animal Matrices IntechOpen, DOI: 10.5772/intechopen.71870. ISBN 978-953-51-6454-8.

RESEARCH ACTIVITY RESULTS:

- **Invention Patent OSIM no 134168/2023** Compozitie de baton nutritional pe baza de faina de germeni uscati de seminte din familiile Cucurbitaceae, Asteraceae si Amaranthaceae (Nutritional bar composition based on the flour of dry germs of seeds from the Cucurbitaceae, Asteraceae and Amaranthaceae families)

ISI articles: 32

1. Benedec, D.; Oniga, I.; Hanganu, D.; Tiperciuc, B.; Nistor, A.; Vlase, A.-M.; Vlase, L.; Pușcaș, C.; Duma, M.; Login, C.C.; **Niculae, M.***; Silaghi-Dumitrescu, R. Stachys Species: Comparative Evaluation of Phenolic Profile and Antimicrobial and Antioxidant Potential. Antibiotics 2023, 12, 1644. <https://doi.org/10.3390/antibiotics12111644>
2. Aurori, M.; Andrei, S.; Dreanca, A.I.; Morohoschi, A.G.; Cotul, M.; **Niculae, M.**; Nan, M.I.; Codea, A.R.; Gal, A.F. The Nephroprotective Effect of Cornelian Cherry (Cornus mas L.) and Rowanberry (Sorbus aucuparia L.) in Gentamicin-Induced Nephrotoxicity on Wistar Rats with Emphasis on the Evaluation of Novel Renal Biomarkers and the Antioxidant Capacity in Correlation with Nitro-Oxidative Stress. Nutrients 2023, 15, 4392. <https://doi.org/10.3390/nu15204392>

3. Aurori M, **Niculae M**, Hanganu D, Pall E, Cenariu M, Vodnar DC, Bunea A, Fiț N, Andrei S. Phytochemical Profile, Antioxidant, Antimicrobial and Cytoprotective Effects of Cornelian Cherry (*Cornus mas* L.) Fruit Extracts. *Pharmaceutics*. 2023; 16(3):420. <https://doi.org/10.3390/ph16030420>
4. Andrei V, Andrei S, Gal AF, Rus V, Gherman L-M, Boșca BA, **Niculae M**, Barabas R, Cadar O, Dinte E, Muntean D-M, Peștean CP, Rotar H, Boca A, Chiș A, Tăut M, Candrea S, Ilea A. Immunomodulatory Effect of Novel Electrospun Nanofibers Loaded with Doxycycline as an Adjuvant Treatment in Periodontitis. *Pharmaceutics*. 2023; 15(2):707. <https://doi.org/10.3390/pharmaceutics15020707>
5. Dinte E, Muntean DM, Andrei V, Boșca BA, Dudescu CM, Barbu-Tudoran L, Borodi G, Andrei S, Gal AF, Rus V, Gherman L-M, Cadar O, Barabas R, **Niculae M**, Ilea A. In Vitro and In Vivo Characterisation of a Mucoadhesive Buccal Film Loaded with Doxycycline Hyclate for Topical Application in Periodontitis. *Pharmaceutics*. 2023; 15(2):580. <https://doi.org/10.3390/pharmaceutics15020580>
6. Simea Ș, Ielciu I, Hanganu D, **Niculae M**, Pall E, Burtescu RF, Olah N-K, Cenariu M, Oniga I, Benedec D, Duda M. Evaluation of the Cytotoxic, Antioxidative and Antimicrobial Effects of *Dracocephalum moldavica* L. Cultivars. *Molecules*. 2023; 28(4):1604. <https://doi.org/10.3390/molecules28041604>
7. Safta, Diana Antonia, Irina Ielciu, Raffaella Șuștic, Daniela Hanganu, **Mihaela Niculae**, Mihai Cenariu, Eموke Pall, Mirela Liliana Moldovan, Marcela Achim, Cătălina Bogdan, and Ioan Tomuță. 2023. "Chemical Profile and Biological Effects of an Herbal Mixture for the Development of an Oil-in-Water Cream" *Plants* 12, no. 2: 248. <https://doi.org/10.3390/plants12020248>
8. Daradics, Zsofia, **Mihaela Niculae***, Cristian Mihăiță Crecan, Alexandru Florin Lupșan, Mirela Alexandra Rus, Sanda Andrei, Dana Mihaela Ciobanu, Florinela Adriana Cătoi, Ioana Delia Pop, Mircea Valerian Mircean, and Cornel Cătoi. 2022. "Clustering and Correlations amongst NEFA, Selected Adipokines and Morphological Traits—New Insights into Equine Metabolic Syndrome" *Animals* 12, no. 20: 2863. <https://doi.org/10.3390/ani12202863>
9. Buza V, **Niculae M***, Hanganu D, Pall E, Burtescu RF, Olah NK, Matei-Lațiu MC, Vlasiuc I, Iozon I, Szakacs AR, Ielciu I, Ștefănuț LC. Biological Activities and Chemical Profile of *Gentiana asclepiadea* and *Inula helenium* Ethanolic Extracts. *Molecules*. 2022 May 31;27(11):3560. doi: 10.3390/molecules27113560
10. Ielciu, I.; **Niculae, M.**; Pall, E.; Barbălată, C.; Tomuță, I.; Olah, N.-K.; Burtescu, R.F.; Benedec, D.; Oniga, I.; Hanganu, D. Antiproliferative and Antimicrobial Effects of *Rosmarinus officinalis* L. Loaded Liposomes. *Molecules* 2022, 27, 3988. <https://doi.org/10.3390/molecules27133988>
11. Păltinean, R.; Ielciu, I.; Hanganu, D.; **Niculae, M.**; Pall, E.; Angenot, L.; Tits, M.; Mocan, A.; Babotă, M.; Frumuzachi, O.; Tămaș, M.; Crișan, G.; Frederich, M. Biological Activities of Some Isoquinoline Alkaloids from *Fumaria schleicheri* Soy. Will. *Plants* 2022, 11, 1202. <https://doi.org/10.3390/plants11091202>
12. **Niculae, M.**; Hanganu, D.; Oniga, I.; Benedec, D.; Ielciu, I.; Giupana, R.; Sandru, C.D.; Ciocârlan, N.; Spinu, M. Phytochemical Profile and Antimicrobial Potential of Extracts Obtained from *Thymus marschallianus* Willd. *Molecules* 2019, 24, 3101.
13. **Mihaela Niculae**, Laura Stan, Emőke Pall, Anamaria Ioana Paștiu, Iulia Maria Balaci, Sevastița Muste, Marina Spînu In vitro Synergistic Antimicrobial Activity of Romanian

Propolis and Antibiotics against *Escherichia coli* Isolated from Bovine Mastitis Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2015; 5,43(2):327-334, DOI 10.15835 /nbh a.43.2.10074

14. Hanganu D, **Niculae M***, Ielciu I, Olah N-K, Munteanu M, Burtescu R, Ștefan R, Olar L, Pall E, Andrei S, Vodnar DC, Benedec D, Oniga I. Chemical Profile, Cytotoxic Activity and Oxidative Stress Reduction of Different *Syringa vulgaris* L. Extracts. *Molecules*. 2021; 26(11):3104. <https://doi.org/10.3390/molecules26113104>
15. Marc RA, **Niculae M**, Páll E, Mureșan V, Mureșan A, Tanislav A, Pușcaș A, Mureșan CC, Cerbu C. Red Oak (*Quercus rubra* L.) Fruits as Potential Alternative for Cocoa Powder: Optimization of Roasting Conditions, Antioxidant, and Biological Properties. *Forests*. 2021; 12(8):1088. <https://doi.org/10.3390/f12081088>
16. Hodnik JJ, Acinger-Rogić Ž, Alishani M, Autio T, Balseiro A, Berezowski J, Carmo LP, Chaligiannis I, Conrady B, Costa L, Cvetkovikj I, Davidov I, Dispas M, Djadjovski I, Duarte EL, Faverjon C, Fourichon C, Frössling J, Gerilovych A, Gethmann J, Gomes J, Graham D, Guelbenzu M, Gunn GJ, Henry MK, Hopp P, Houe H, Irimia E, Ježek J, Juste RA, Kalaitzakis E, Kaler J, Kaplan S, Kostoulas P, Kovalenko K, Knežević N, Knific T, Koleci X, Madouasse A, Malakauskas A, Mandelik R, Meletis E, Mincu M, Môtus K, Muñoz-Gómez V, **Niculae M**, Nikitović J, Ocepek M, Tangen-Opsal M, Ózsvári L, Papadopoulos D, Papadopoulos T, Pelkonen S, Polak MP, Pozzato N, Rapaliuté E, Ribbens S, Niza-Ribeiro J, Roch FF, Rosenbaum Nielsen L, Saez JL, Nielsen SS, van Schaik G, Schwan E, Sekovska B, Starič J, Strain S, Šatran P, Šerić-Haračić S, Tamminen LM, Thulke HH, Toplak I, Tuunainen E, Verner S, Vilček Š, Yildiz R, Santman-Berends IMGA. Overview of Cattle Diseases Listed Under Category C, D or E in the Animal Health Law for Which Control Programmes Are in Place Within Europe. *Front Vet Sci*. 2021 Jul 30;8:688078. doi: 10.3389/fvets.2021.688078.
17. Balboni, A., **Niculae, M.**, Di Vito, S. et al. The detection of canine parvovirus type 2c of Asian origin in dogs in Romania evidenced its progressive worldwide diffusion. *BMC Vet Res* 17, 206 (2021). <https://doi.org/10.1186/s12917-021-02918-6>
18. Páll E, **Niculae M**, Brudașcă GF, Ravilov RK, Șandru CD, Cerbu C, Olah D, Zăblău S, Potârniche AV, Spinu M, Duca G, Rusu M, Rzewuska M, Vasiu A. Assessment and Antibiotic Resistance Profiling in *Vibrio* Species Isolated from Wild Birds Captured in Danube Delta Biosphere Reserve, Romania. *Antibiotics*. 2021; 10(3):333.
19. Ielciu I, Sevastre B, Olah N-K, Turdean A, Chișe E, Marica R, Oniga I, Uifălean A, Sevastre-Berghian AC, **Niculae M**, Benedec D, Hanganu D. Evaluation of Hepatoprotective Activity and Oxidative Stress Reduction of *Rosmarinus officinalis* L. Shoots Tincture in Rats with Experimentally Induced Hepatotoxicity. *Molecules*. 2021; 26(6):1737
20. Popescu, S.; Lazar, E.A.; Borda, C.; **Niculae, M.**; Sandru, C.D.; Spinu, M. Welfare Quality of Breeding Horses Under Different Housing Conditions. *Animals* 2019, 9, 81.
21. Bojkovski, J., Ilić, V., Vasić, A., Maletić, J., Vakanjac, S., Savić, S., Štukelj, M., Zdravković, N., Tzika, E., **Niculae, M.**, & Milanov, D. (2018). Investigation of Porcine Circovirus type 2 (PCV2) antibodies in clinically healthy boars from Serbian commercial farms. *Journal of the Hellenic Veterinary Medical Society*, 68(3), 347-354. doi:<http://dx.doi.org/10.12681/jhvms.15488>
22. Tudor V., Brudașcă G.F., **Niculae M.**, Pall E., Șandru C.D., Negruțiu V., Popescu S., Spînu M. 2018, Regional Distribution Of Infectious Bronchitis Virus Strains In Romania. *AgroLife Scientific Journal*, Volume 7, Number 1, 143-147.

23. Spînu Marina, Pall Eموke, **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, DOI: 10.5530/ijper.52.4s.80
24. Şandru Carmen Dana, **Niculae Mihaela**, Pall Eموke, Brudaşcă Florinel, Vasiu Aurel, Silvana Popescu, Cerbu Constantin, Giupana Radu, Vasiu Constantin, 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, 2018; 52(4s):s91-s95, DOI:10.5530/ijper.52.4s.81
25. Marina Spînu, **Mihaela Niculae**, Anamaria Ioana Paştiu, Carmen Dana Şandru, Eموke Pall, A. Vasiu (2016) 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 88:44–47, DOI:10.1016/j.indcrop.2016.02.060
26. Carmen Dana Şandru, **Mihaela Niculae**, Silvana Popescu, Anamaria Ioana Paştiu, Emőke Páll, Marina Spînu (2016) Urtica dioica alcoholic extract increases the cell-mediated innate immune potential in chickens Industrial Crops and Products 88:48–50, DOI: 10.1016/j.indcrop.2016.02.032
27. Anamaria Ioana Paştiu, Péter László Pap, Csongor István Vágási, **Mihaela Niculae**, Emőke Páll, Cristian Domşa, Florinel Ghe. Brudaşcă, and Marina Spînu. Wild Birds in Romania Are More Exposed to West Nile Virus Than to Newcastle Disease Virus. Vector-Borne and Zoonotic Diseases, 2016, 16(3):176-180
28. S Balici, **M Niculae**, E Pall, M Rusu, D Rusu, H Matei. Antibiotic-like behaviour of polyoxometalates in vitro comparative study: seven polyoxotungstates-nine antibiotics against gram-positive and gram-negative bacteria; Revista de Chimie, 2016, 67(3):485-490
29. Silvana Popescu, Cristin Borda, Eva A. Diugan, **Mihaela Niculae**, Razvan Stefan, Carmen D. Sandru The effect of the housing system on the welfare quality of dairy cows Italian Journal of Animal Science; 2014 DOI: <http://dx.doi.org/10.4081/ijas.2014.2940>
30. E. Pall, **M. Niculae**, T. Kiss, C. D. Sandru, M. Spinu, Human impact on the microbiological water quality of the rivers Journal of Medical Microbiology 2013 Nov;62(Pt 11):1635-40. doi: 10.1099/jmm.0.055749-0. Epub 2013 Jun 27
31. Kobolkuti L, Cadar D, Czirjak G, **Niculae M**, Kiss T, Sandru C, Spinu M. The effects of environment and physiological cyclicity on the immune system of Viperinae. ScientificWorldJournal.2012:574867.
32. Pompei Bolfă, Cornel Cătoi, Adrian Gal, Marian Tăulescu, Nicodim Fiţ, George Nadăş, **Mihaela Niculae**, Mircea Tămaş, Cosmina Cuc, Marina Spînu. Screening of five alcoholic plants extracts effects on the immune status of Romanian EIAV infected horses. *Romanian Biotechnological Letters*. 2011;16(6):6730-6739