

CURRICULUM VITAE (25.08.2025)

DATE PERSONALE

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Titlu academic:
Alte titluri:

AUTHOR LEVEL METRICS

h-index Google Scholar: 18; Web of Science: 14; Scopus: 15

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researchgate https://www.researchgate.net/profile/Mihaela_Niculae/info/?ev=prf_info
scholar.google https://scholar.google.ro/citations?user=aljW_cgAAAAJ&hl=en
sciprofiles <https://sciprofiles.com/profile/774224>
publons <https://www.webofscience.com/wos/author/record/AAG-9954-2021>
loop.frontiersin.org <https://loop.frontiersin.org/people/1287106/overview>

EDUCATIE

- 2014-2015 Universitatea de Stiinte Agricole si Medicina Veterinara, Cluj-Napoca, **Postdoctorat** Proiect POSDRU/159/1.5/S/1368939.
- 2005-2011 Universitatea de Stiinte Agricole si Medicina Veterinara Cluj-Napoca, **Doctorat** in Stiinte Medicale (Medicina Veterinara) cu titlul: „Evaluarea biodisponibilitatii unor extracte vegetale cu efect antimicrobian si/sau imunomodulator in terapia otitelor externe la caine”, conducător de doctorat Prof. Marina Spînu.
- 2005-2007 Universitatea de Stiinte Agricole si Medicină Veterinară Cluj-Napoca, Facultatea de Medicină Veterinară, **Master** “Patologie animală și sănătate publică”.
- 1999-2005 Universitatea de Stiinte Agricole si Medicina Veterinara Cluj-Napoca, Facultatea de Medicina Veterinara, doctor medic veterinar

STAGII DE TRAINING/ FORMARE CONTINUA

- 2025 6th Annual Davis-Thompson Foundation Eastern European Veterinary Pathology Meeting Cluj-Napoca
- 2024 5th Annual Davis-Thompson Foundation Eastern European Veterinary Pathology Meeting Lovran
- 2024 Training HADEA/2023/OP/0009 Hands-on training for farmers and veterinarians: New measures to fight antimicrobial resistance, Bucharest
- 2024 Selko's global mycotoxin review 2023 update and outlook for 2024, webinar
- 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 AsiaPacific Region, webinar
- 2023 Davis Thompson Foundation online training „Fun at Fringe of Feline Pathology” , webinar
- 2023 Davis Thompson Foundation online training SESC Case Archive: The Catalan Slaughterhouse Support Network, webinar
- 2023 Canine and Feline Coagulopathies: A Case-Based Approach, HESKA, webinar
- 2022 SIS OT workshop OSRO/GLO/813/OIE - Pilot workshop, Bucharest, onsite training
- 2021 Davis Thompson Foundation Seminar on Poultry Diseases, training online
- 2021 Davis Thompson Foundation Diagnostic series: Deductive logic and pathological diagnosis, training online
- 2021 Training Sound Control Basic Concepts in Epidemiology and Surveillance, training online
- 2020 Parma Summer School, training online
- 2019 Davis Thompson Foundation Seminar Diseases of the Horse, Madrid, Spain
- 2018 Davis Thompson Foundation Seminar Poultry Diseases, Belgrade, Serbia
- 2018 Training project EU FP7 EFFORT Metagenomics applied to surveillance of pathogens
- 2015 Training de laborator, Norwegian University of Life Sciences, EEA Norway Grants
- 2008 Training de laborator, University of Agriculture Athens, Greece
- 2007 Training de laborator, BenGurion University, Israel
- 2006 Training de laborator, University of Cordoba, Spain

BURSE/MOBILITATI DE PREDARE/TRAINING

- 2025 Erasmus: mobilitate de predare (Turkey): Ankara University
- 2024 Erasmus: mobilitate de predare (Bosnia and Herzegovina): University of Sarajevo
- 2023 Erasmus: mobilitate de predare (Marocco): Université Hassan 2 Ain Chock Casablanca
- 2023 Erasmus: mobilitate de predare (Turkey): Ankara University
- 2023 Erasmus: mobilitate de predare (Hungary): University of Veterinary Medicine Budapest
- 2022 Erasmus: mobilitate de predare (Hungary): University of Veterinary Medicine Budapest
- 2022 Erasmus: mobilitate de predare (France): École nationale vétérinaire d'Alfort - EnvA
- 2021 Erasmus: mobilitate de predare (Jordan): JUST Irbid
- 2021 Erasmus: mobilitate de training (Armenia): Armenian National Agrarian University Yerevan

- 2020 Erasmus: mobilitate de predare (Ungaria): University of Veterinary Medicine Budapest
- 2019 Erasmus: mobilitate de predare (Ungaria): University of Veterinary Medicine Budapest
- 2017 Erasmus: mobilitate de predare (Spania): University of Cordoba
- 2012 Erasmus: mobilitate de predare (Portugalia): Faculty of Veterinary Medicine in Lisbon
- 2006-2007 bursa de studiu Nicolae Titulescu (Spania): University of Cordoba
- 2006-2007 Erasmus: mobilitate de studiu (Spania): University of Cordoba

CARIERA ACADEMICA

- Din 2012 **Sef lucrari**, Universitatea de Stiinte Agricole si Medicina Veterinara Cluj-Napoca, Facultatea de Medicina Veterinara, Departamentul IV Clinici, Disciplina de Boli infectioase
- 2008-2012 **Asistent universitar**, Universitatea de Stiinte Agricole si Medicina Veterinara Cluj-Napoca, Facultatea de Medicina Veterinara, Departamentul IV Clinici, Disciplina de Boli infectioase
- 2005-2011 **Doctorand**, Universitatea de Stiinte Agricole si Medicina Veterinara Cluj-Napoca, Facultatea de Medicina Veterinara, Departamentul IV Clinici, Disciplina de Boli infectioase

DISCIPLINE PREDATE

- 2006-2011 Infectious diseases 1 laborator (4th year, English program).
- 2006-2011 Infectious diseases 2 laborator (4th year, English program).
- 2011-2012 Animal Protection and Animal welfare laborator si curs (3rd year, English program).
- Din 2011 Infectious diseases 1 and 2 laborator si curs (4th year, English program).
- Din 2011 Infectious diseases 3 and 4 Clinica (5th year, English program)
- Din 2014 Swine clinic clinica si curs (6th year, English program)
- Din 2014 Ruminants clinic clinica si curs (6th year, English program)

PROIECTE INTERNAȚIONALE

Membru

1. Management Committee COST Action CA17110 Standardizing output-based surveillance to control non-regulated diseases of cattle in the EU (SOUND-control) (29/10/2018-28/10/2022)
<https://www.cost.eu/actions/CA17110/#tabs|Name:management-committee>
2. Membru COST Action: CA22109 - Medicinal plants for animal health care: Translating tradition into modern veterinary medicine (MedPlants4Vet) (12/10/2023-11/10/2027)

<https://www.cost.eu/actions/CA22109/#tabs+Name:Working%20Groups%20and%20Membership>"

3. Membru COST Action: CA16230 - Combatting anthelmintic resistance in ruminants (COMBAR) 19/09/2017- 18/03/2022

4. Membru COST Action: CA22166 - Safety in the Game Meat Chain (SafeGameMeat) (29/09/2023- 28/09/2027)

<https://www.cost.eu/actions/CA22166/#tabs+Name:Working%20Groups%20and%20Membership>"

PROIECTE NAȚIONALE

Director proiect

1. Contract cercetare competitie nationala nr 14898/08.07.2025 "Izolarea, identificarea și caracterizarea germenilor patogeni virali și bacterieni cu potențial zoonotic, precum și monitorizarea sensibilității *in vitro* față de antibiotice a tulpinilor bacteriene izolate de la câini și pisici" perioada iulie 2025-iunie 2028, valoare contract 25000 lei

2. Contract cercetare și consultanță nr 6682/ 29.03.2023 perioada aprilie 2023-martie 2024, valoare contract 2856 lei

Responsabil institutie gazda Proiecte de mobilitate pentru cercetatori cu experienta din diaspora

1.Contract nr.: 44/25/11/2024 Cod proiect: PN-IV-P2-2.2-MCD-2024-0436 valoare 7000 lei

2.Contract nr.: 32/23/10/2023 Cod proiect: PN-IV-P2-2.2-MCD-2023-0222 valoare 7750 lei

3.Contract nr.: 4/25.11.2021 Cod proiect: PN-III-P2-2.2-MCD-2023-0222 valoare 6700 lei

4.Contract nr.: 28/22.10.2019 Cod proiect: PN-III-P1-1.1-MCD-2019-0169 valoare 5500 lei

Membru in echipa proiecte nationale

1. Proiect de cercetare ADER 10.1.2/12.07.2023, perioada 12.07.2023-31.12.2026, „Cercetari privind particularitatile evolutive ale tulpinii de virus gripal și elaborarea unor produse de tip imunoprofilactic utilizabile in controlul gripei aviare și al factorilor de risc epidemiologic in Romania, responsabil proiect Prof Dr Fit Nicodim

2. Proiect intern USAMVCN 24905/08.11.2021, perioada 2021-2023, „Dezvoltarea și optimizarea capacității de diagnostic de laborator prin utilizarea tehnicilor imunochimice și de enzimologie în patologii la animale” responsabil proiect Prof Dr Sanda Andrei
3. Proiect intern USAMVCN 24868/05.11.2021, perioada 2021-2023, „Noi terapii pentru animale: fitoaditiv furajer pentru terapia si profilaxia eimeriozei la puii de gaina” responsabil proiect Conf Dr Gyorke Adriana
4. Proiect PN-III-P2-2.1-CI-2018-1047, 181 CI/2018, perioada 04.07.2018-31.12.2018, “Compoziții de batoane nutriționale pe bază de făină din germei uscați de semințe din familiile cucurbitaceae, asteraceae și amaranthaceae”, Responsabil proiect Conf Dr Andruta Elena Muresan
5. Proiect PN-III-P2-2.1-CI-2018-132, 227CI/2018, perioada 04.07.2018-31.12.2018, “Dezvoltarea unui produs inovativ pe bază de zeolit în vederea tratamentului diareei la viței”, Responsabil proiect Conf Dr Cerbu Constantin
6. Proiect PN-III-P2-2.1-CI-2018-1008, 172CI/2018, perioada 04.07.2018-31.12.2018, “Dezvoltarea unui nanocompus inovativ în vederea tratamentului mamitelor la vacile de lapte”, Responsabil proiect Conf Dr Cerbu Constantin
7. Proiect PN-III-P2-2.1-CI-2017-0786, 133CI/2017 perioada 27.09.2017-27.03.2018, “Bioconversia fructelor rezultate din căderile fiziologice în compoziții bogate în principii biologice active”, Responsabil proiect Prof Dr Vlad Muresan
8. Proiect PN II Idei PCCE, cod CNCSIS 84, perioada 2009-2011, “Studii fundamentale si aplicate de ecoepidemiologie, biologie si genetica moleculara ale vectorilor bolii Lyme, director de grant Prof Dr. Gherman Calin – Mircea
9. Proiect PN II Idei Proiecte de cercetare exploratorie cod CNCSIS 2528, perioada 2009-2011, “Caracterul antibacterian si stimulator al regenerarii tesuturilor al biomaterialelor fosfatice”, Director grant Prof Dr Stefan Marius Razvan
10. Proiect PNII PCCA Tip 2 61/2012, perioada 2012-2016, “Stabilirea unei paradigme de evaluare a poluarii cu metale grele si microflora patogena la pasări si pesti si aplicarea ei în conservarea biodiversității în rezervatia Biosfera Delta Dunării”, director de proiect Prof. Dr. Spînu Marina

11. Proiect CEEC CNCSIS 99/2006, perioada 2006-2008, "Obținerea unor extracte vegetale integrale și fractionate cu biodisponibilitate ridicată și potențial de adjuvantare pentru specii de animale de interes economic", director grant Prof. Dr. Marina Spinu
12. Grant CNCSIS tip A cod CNCSIS 874/2006, perioada 2006-2008, "Influența poziției filogenetice asupra calitatilor imunomodulatoare ale unor extracte vegetale utilizabile ca adjuvanți la ierbivore de fermă", director grant Prof. Dr. Marina Spinu

RESPONSABIL ACADEMIC PROIECTE ERASMUS NON EU:

Algeria (2019-2023), Iordania (2020-2022), Armenia (din 2020), Chile (din 2023), Cuba (2023-2025)

LIMBI: Engleză nivel C1 (certificat competență lingvistică nr 89/29.03.2025)

MEMBRU ASOCIAȚII PROFESIONALE NATIONALE ȘI INTERNAȚIONALE:

- Asociația Medicilor Veterinari din România pentru suine
- Colegiul Medicilor Veterinari din România
- European Society of Clinical Microbiology and Infectious Diseases
- Association for Medicinal and Aromatic Plants of Southeast European Countries
- L'Association pour l'Étude de l'Épidémiologie des Maladies Animales
- The International Society For Human And Animal Mycology (ISHAM)

EDITOR:

- Guest editor in Antibiotics

https://www.mdpi.com/journal/antibiotics/special_issues/7KSU86077R

- Guest editor in Animals

https://www.mdpi.com/journal/animals/special_issues/1Z926HP250

- Guest editor in International Journal of Molecular Sciences

https://www.mdpi.com/journal/ijms/special_issues/0QH3478K20

- 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>

- Review Editor in *Frontiers in Microbiology*, *Microbe and Virus Interactions with Plants* (<https://loop.frontiersin.org/people/1287106/overview>)
 - Editorial Team Member of *UTTAR PRADESH JOURNAL OF ZOOLOGY* (<https://mbimph.com/index.php/UPIOZ/about/editorialTeam>)
 - Guest Editor for *Polish Journal of Natural Sciences* (<http://www.uwm.edu.pl/polishjournal/homepage>)
- Editorial Board Member
- *The Microbe* (<https://www.sciencedirect.com/journal/themicrobe/about/editorial-board>)
 - *The International Journal of Equine Science (IJES)* (<https://rasayely-journals.com/index.php/ijes/editorial-board>)
 - *Trends in Horticulture* (<https://systems.enpresspublisher.com/index.php/TH/about/editorialBoard>)
 - *Basrah Journal of Veterinary Research* (<https://bjvr.uobasrah.edu.iq/journal/editorial.board>)

RECENZOR:

- *Frontiers in Veterinary Science*
- *Frontiers in Microbiology*
- *BMC Veterinary Research*
- *Poultry Science*
- *Journal of Applied Research on Medicinal and Aromatic Plants*
- *Journal of Traditional and Complementary Medicine*
- *Evidence-Based Complementary and Alternative Medicine*
- *Chemistry and Biodiversity*
- *Fitoterapia*
- *European Journal of Integrative Medicine*
- *Journal of Herbmmed Pharmacology*
- 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
- 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

CARTI PUBLICATE:

1. **Mihaela Niculae**, Victor Mazanov, Raul Alexandru Pop (2025) Bruceloza canină Aspecte epidemiologice, clinice, protocoale de diagnostic, terapie și prevenție, Editura AcademicPres Cluj Napoca, ISBN 978-630-309-184-6
2. **Niculae Mihaela**, Marina Spînu – Diagnostic integrat în boli infecțioase la animale. Editura Risoprint Cluj-Napoca, 2012, ISBN 978-973-53-0853-2

AUTOR CAPITOLE IN CARTI INTERNATIONALE: 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 Şandru, 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.

EDITOR CARTI INTERNATIONALE: 1

Mihaela Niculae, Daniela Hanganu (2025) Antimicrobial Activity of Natural Products and Plants Extracts, MDPI, ISBN 978-3-7258-4892-8 <https://doi.org/10.3390/books978-3-7258-4892-8>

MATERIAL DIDACTIC: 3

1. **Niculae Mihaela** (2025) INFECTIOUS DISEASES 2 Course, editura AcademicPres Cluj Napoca, eISBN 978-630-309-186-0 CD
2. **Niculae Mihaela** (2025) INFECTIOUS DISEASES 4 Course, editura AcademicPres Cluj Napoca, eISBN 978-630-309-188-4 CD
3. **Niculae Mihaela** (2025) INFECTIOUS DISEASES 2 handbook for practical activities, editura AcademicPres Cluj Napoca, eISBN 978-630-309-187-7 CD

REZULTATELE ACTIVITATII DE CERCETARE:

Premii internaționale:

1. Biomolecules 2023 Outstanding Reviewer Award
<https://www.mdpi.com/journal/biomolecules/awards/2469>
2. Diploma de excelență Pro Invent - Salonul International al Cercetarii, Inovarii si Inventicii "Pro Invent", Editia a XVI-a, 2018, Cluj-Napoca, România - Ingrediente alternative cu noi utilizări în produse de cofetărie

3. Diploma de excelență Pro Invent - Salonul International al Cercetarii, Inovarii si Inventicii "Pro Invent", Editia a XVI-a, 2018, Cluj-Napoca, România - Pudră din reziduu de mere
4. Diploma de excelență Pro Invent - Salonul International al Cercetarii, Inovarii si Inventicii "Pro Invent", Editia a XVI-a, 2018, Cluj-Napoca, România - Ciocolată cu umplutură lichidă din extractele hidroalcoolice a 31 de fructe
5. Diploma Gold Medal INVENTICA 2018, The 22nd International Exhibition of Inventics "INVENTICA 2018" Iași, România - Fruits juices fortified with extracts from alternative raw materials

Premii naționale:

1. PN-IV-P2-2.3 PRECISI-2023 81264 Biological Activities and Chemical Profile of *Gentiana asclepiadea* and *Inula helenium* Ethanolic Extracts
2. PN-IV-P2-2.3 PRECISI-2023 81297 Antiproliferative and Antimicrobial Effects of *Rosmarinus officinalis* L. Loaded Liposomes
3. PN-IV-P2-2.3 PRECISI-2023 84034 Clustering and Correlations amongst NEFA, Selected Adipokines and Morphological Traits-New Insights into Equine Metabolic Syndrome
4. PN-IV-P2-2.3 PRECISI-2023 85743 Biological Activities of Some Isoquinoline Alkaloids from *Fumaria schleicheri* Soy. Will.
5. PN-III-P1-1.1- PRECISI-2021- 61440 Chemical Profile, Cytotoxic Activity and Oxidative Stress Reduction of Different *Syringa vulgaris* L. Extracts
6. PN-III-P1-1.1- PRECISI-2021- 62247 Evaluation of Hepatoprotective Activity and Oxidative Stress Reduction of *Rosmarinus officinalis* L. Shoots Tincture in Rats with Experimentally Induced Hepatotoxicity
7. PN-III-P1-1.1- PRECISI-2021- 54246 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
8. PN-III-P1-1.1- PRECISI-2021- 56931 The detection of canine parvovirus type 2c of Asian origin in dogs in Romania evidenced its progressive worldwide diffusion

9. PN-III-P1-1.1- PRECISI-2021- 57408 Red Oak (*Quercus rubra* L.) Fruits as Potential Alternative for Cocoa Powder: Optimization of Roasting Conditions, Antioxidant, and Biological Properties
10. PN-III-P1-1.1- PRECISI-2021- 57444 Assessment and Antibiotic Resistance Profiling in *Vibrio* Species Isolated from Wild Birds Captured in Danube Delta Biosphere Reserve, Romania
11. PN-III-P1-1.1-PRECISI-2019-37150 Phytochemical Profile and Antimicrobial Potential of Extracts Obtained from *Thymus marschallianus* Willd
12. PN-III-P1-1.1- PRECISI-2019- 38842 Welfare Quality of Breeding Horses Under Different Housing Conditions
13. PN-III-P1-1.1- PRECISI-2016- 11748 Wild Birds in Romania Are More Exposed to West Nile Virus Than to Newcastle Disease Virus
14. PN-III-P1-1.1- PRECISI-2016- 11937 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
15. PN-III-P1-1.1- PRECISI-2016- 11940 *Urtica dioica* alcoholic extract increases the cell-mediated innate immune potential in chickens, INDUSTRIAL CROPS AND PRODUCTS
16. PN-II-RU-PRECISI-2014-8-4953 Human impact on the microbiological water quality of the rivers

Brevete naționale: 2

1. Brevet OSIM nr 132553/2018 Model de evaluare a poluarii cu metale grele si microflora patogena la pasari si pesti in Rezervatia Biosferei Delta Dunarii
2. Brevet OSIM nr 134168/2023 Compozitie de baton nutritional pe baza de faina de germeni uscati de seminte din familiile Cucurbitaceae, Asteraceae si Amaranthaceae

Articole ISI: 38

Prim autor = 10, coautor = 28

1. **Niculae M**, Hanganu D, Oniga I, Burcă S-A, Tiperciuc B, Ielciu I, Pall E, Bab T, Burtescu RF, Sava MA, et al. *Agave amica* (Medik.) Thiede & Govaerts (Asparagaceae)—Insights

into Its Valuable Phenolic Profile and *In Vitro* Antimicrobial, Antibiofilm, Antioxidative, and Antiproliferative Properties. *Antibiotics*. 2025; 14(7):638. <https://doi.org/10.3390/antibiotics14070638>

2. C. Popovici, Haykanush Arakelyan, R. Codea, Daniela Neagu, **Mihaela Niculae**. Antimicrobial Resistance Profile in Canine Uropathogenic *Escherichia coli*, *Rev Rom Med Vet* (2025) 35(1): 96-100
3. **Mihaela Niculae**, Maria Katalin Vicsai, Iulia Maria Coroian, Răzvan Codea, Ionuț Ionuț, Silvana Popescu, Mara Aurori, Oana Reget, Radu Blaga, Alexandra Tăbăran, Antimicrobial Resistance in Faecal *Escherichia coli* from Farmed Ostrich (*Struthio Camelus*), *Rev Rom Med Vet*. 2024 34(2):79-84
4. Bumbu, M.-G.; **Niculae, M.***; Ielciu, I.; Hanganu, D.; Oniga, I.; Benedec, D.; Nechita, M.-A.; Nechita, V.-I.; Marcus, I. Comprehensive Review of Functional and Nutraceutical Properties of *Craterellus cornucopioides* (L.) Pers. *Nutrients* 2024, 16, 831. <https://doi.org/10.3390/nu16060831>
5. Benedec, D.; Oniga, I.; Hanganu, D.; Tipericiuc, 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>
6. 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>
7. 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. <https://doi.org/10.3390/molecules27113560>
8. **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. doi:

10.3390/molecules24173101.

9. **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
10. 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>
11. Benedec D, Oniga I, Hanganu D, Vlase A-M, Ielciu I, Crișan G, Fiț N, **Niculae M**, Bab T, Pall E, et al. Revealing the Phenolic Composition and the Antioxidant, Antimicrobial and Antiproliferative Activities of Two *Euphrasia* sp. Extracts. *Plants*. 2024; 13(13):1790. <https://doi.org/10.3390/plants13131790>
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Prim autor = 16, autor principal = 12, coautor = 32

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