

MARKO RISTANIĆ PhD, DVM

Assistant Professor

Department of Biology

Faculty of Veterinary Medicine

University of Belgrade

Bulevar oslobođenja 18

11000 Belgrade SERBIA

tel:+381 11 367 17 21

tel:+381 65 441 75 39

mristanic@vet.bg.ac.rs

marko.ristanic.vet@gmail.com

<http://biologija.vet.bg.ac.rs/>

 orcid.org/0000-0002-6084-7321



CURRICULUM VITAE

GENERAL

First name	Marko
Family name	Ristanic
Date and place of birth	June 14, 1990, Brčko, Bosnia and Herzegovina
Work address	Department of Biology, Faculty of Veterinary Medicine, University of Belgrade, Bul. Oslobođenja 18, 11000 Belgrade, Serbia
E-mail	mristanic@vet.bg.ac.rs marko.ristanic.vet@gmail.com

EDUCATION

2015	DVM, Faculty of Veterinary Medicine, University of Belgrade (average mark 9,1 out of 10)
2022	PhD Faculty of Veterinary Medicine, University of Belgrade
2018-	Professional veterinary license for performing activities in the veterinary practice. License number 4052.
2021-	Specialist academic studies, Faculty of Veterinary Medicine, University of Belgrade

SCHOLARSHIPS

National	
2012-2015	Scholarship of Serbian Ministry for Science and Technology

PROFESSIONAL CAREER

2015-2019	Research Trainee, Department of Biology, Faculty of Veterinary Medicine, University of Belgrade
2019-	Research Assistant, Department of Biology, Faculty of Veterinary Medicine, University of Belgrade
2019-2025	Teaching Assistant, Department of Biology, Faculty of Veterinary Medicine, University of Belgrade
2025-	Assistant Professor, Department of Biology, Faculty of Veterinary Medicine, University of Belgrade

PUBLICATIONS

- 28 scientific papers in international SCI journals.
- 2 scientific papers in other refereed journals

- 37 publications at international and national scientific meetings
- 3 technical solutions
- 2 university manuals
- PhD thesis
- Total Impact factor (IF): 69,358

CITATIONS

350 citations	h-index: 11
----------------------	--------------------

PARTICIPATION IN PROJECTS

2024-	Bilateral Project Serbia-Germany funded by the Ministry of Science, Technological Development and Innovation of the Republic of Serbia and Deutscher Akademischer Austauschdienst - DAAD "Impact of neglected diseases on managed bee pollinators". Grant No. 337-00-253/2023-05/2.
2024-2026	The international project LLearning VENTuReS for Climate Justice (LEVERS), supported through the Horizon Europe program, HORIZON-WIDERA-2022-ERA-01, and implemented by the Center for the Promotion of Science in cooperation with international partners coordinated by Trinity College in Dublin.
2023-	Project funded by the Science Fund of the Republic of Serbia, #GRANT No. 5455, "Utilization of the food industry waste for improving honey bee health and protecting the environment - Waste2ProtectBees", program PRISMA (led by Uros Glavinic).
2013-	Project funded by Serbian Ministry for Science and Technological Development "Molecular genetic and ecophysiological researches on the protection of autochthonous animal resources, sustaining domestic animals' welfare, health and reproduction, and safe food production", Project No. III46002 (led by Zoran Stanimirovic).
2016-2021	Research Project funded by the International Atomic Energy Agency (IAEA) entitled 'Animal Identification, Pedigree, Exterior and Performance Data Recording in Selected Holstein-Friesian (HF) Cattle Population in Serbia Used for Future Genetic Selection under AI Programmes' (Research Contract 20774), which forms part of the IAEA Coordinated Research Project D31028, entitled 'Application of Nuclear and Genomic Tools to Enable for the Selection of Animals with Enhanced Productivity Traits' (led by Zoran Stanimirovic).
2016-2017	Bilateral Project Serbia-Slovenia funded by Ministry of Education, Science and Technological Development of Republic of Serbia and Slovenian Research Agency: "Immune response of honey bees treated with pesticides in larval stage and subsequently infected with microsporidium <i>Nosema ceranae</i> ". Grant No. 451-03-38/2016-09/10.
2016-	COST Action CA 15132 „The Comet assay as a human biomonitoring tool (hCOMET)“, Management Committee (MC) Member [CA 15132] Prof. Dr Ninoslav Đelić.

2019-2021	European Brown Hair Syndrome and <i>Lepus europaeus</i> population decrease in Republic of Serbia. Project financed by Ministry of Agriculture, Forestry And Water Management.
-----------	---

INOVATION PROJECTS

2017	Classroom for digital microscopy. Program activity: "High education development".
2018	"The optimization and use of the method of beta-casein determination in cattle – A2A2 milk" (principal investigator Marko Ristanić); the Serbian Innovation Fund granted an Innovation voucher No 157 intended for use by VETERINARY CLINIC SVRLJIG, Svrljig.
2018	Innovation Project: "Screening mastitis in cows caused by <i>Prototheca zopfii</i> – Introduction and verification of molecular genetic method of diagnosis of prototheca infection an determination of prototheca genotypes with the aim of suggesting best treatment" (principal investigator Marko Ristanić); the Serbian Innovation Fund granted an Innovation voucher No 242 intended for use by NAŠ VETERINAR DOO, Mionica.
2018	"The clinical investigation into the efficacy of phytogenic additive Patente Herba® Plus in the control of porcine proliferative enteropathy" (principal investigator Vladimir Drašković); the Serbian Innovation Fund granted an Innovation voucher No 138 intended for use by EDUFarm DOO company, Crvenka.
2018	"Testing various doses of herbal hormones and investigation into their influence on the condition and survival of bees" (principal investigator Prof. dr Jevrosima Stevanović); the Serbian Innovation Fund granted an Innovation voucher No 220 intended for use by AGROUNIK DOO, Beograd.
2018	"Influence of Tonus (bread made without flour) consumption on the decrease in DNA damages in people suffering from various stages of diabetes" (principal investigator prof. dr Ninoslav Djelic); the Serbian Innovation Fund granted an Innovation voucher No 248 intended for use by , TRIVIT DOO, Bečej.
2019	"Verification of technique of prenatal foetal determination with the use of molecular genetic analyses of circulating cell-free foetal DNA – ccffDNA" (principal investigator Uroš Glavinić); the Serbian Innovation Fund granted an Innovation voucher No 257 intended for use by ZOOTEHNIK 010 DOO, Pirot.
2019	"The assessment of the protective effect of B+ supplement in honey bees infected with Nosema" (principal investigator Nemanja Jovanović); the Serbian Innovation Fund granted an Innovation voucher No 371 intended for use by BEE STING DOO, Beograd.
2019	"The optimisation and use of molecular genetic method of fast diagnostics of swine dysentery" (principal investigator Marko Ristanić); the Serbian Innovation Fund granted an Innovation voucher No 369 intended for use by LUSA VET DOO, Bogatić.

2019	“The influence of <i>Agaricus brasiliensis</i> fungus extracts on the survival and gene expression in bees infected with <i>Nosema ceranae</i> ” (principal investigator Uroš Glavinić); the Serbian Innovation Fund granted an Innovation voucher No 366 intended for use by EKOFUNGI doo, Padinska Skela, Palilula – Beograd.
2019	„Testing the effects of various doses of <i>Agaricus bisporus</i> mushroom extract on the condition and survival of bees“ (principal investigator Milan Rajković); the Serbian Innovation Fund granted an Innovation voucher No 382 intended for use by DINA PEČURKA DOO, Padinska Skela, Palilula – Beograd.
2020	„Optimization and introduction of PCR-RFLP method for differential diagnosis of <i>Babesia</i> species in dogs“ (principal investigator Marko Ristanić); the Serbian Innovation Fund granted an Innovation voucher No 587, intended for use by VETERINARSKA STANICA ĐURA-VET doo, Leskovac.
2020	„Optimization and use of the molecular genetic method for precise diagnostics of proliferative enteropathy“ (principal investigator Nemanja Jovanović); the Serbian Innovation Fund granted an Innovation voucher No 589, intended for use by VETERINARSKA STANICA PROFIVET doo, Kanjiža.
2020	„Optimization of the molecular genetic method of fast diagnostics of porcine reproductive and respiratory syndrome” (principal investigator Milan Rajković); the Serbian Innovation Fund granted an Innovation voucher No 590, intended for use by EVROLEK doo, Šabac.
2020	„Optimization of the molecular genetic method for diagnostics of American foulbrood causative agents and <i>Nosema</i> in wax“ (principal investigator Nemanja Jovanović); The Serbian Innovation Fund granted an Innovation voucher No 735, intended for use by ARC INTERNATIONAL doo, Belgrade.
2020	“Testing of the protective effects of thymol in <i>Nosema ceranae</i> infection level regulation in honey bees” (principal investigator Marko Ristanić); The Serbian Innovation Fund granted an Innovation voucher No 739, intended for use by Veting doo, Belgrade.
2022	"Examination of clastogenic and genoprotective potential of propolis" (principal investigator Uroš Glavinić); The Serbian Innovation Fund granted an Innovation voucher No 1088, intended for use by Milošević HC Trade doo, Belgrade.
2022	"Influence of antioxidant supplement on the quality of frozen boar semen" (principal investigator Jovan Blagojević); The Serbian Innovation Fund granted an Innovation voucher No 1171, intended for use by Superlab doo, Belgrade.
2023	"Evaluation of the efficacy of the preparation Formic Pro in the control of the honey bee mite <i>Varroa destructor</i> " (principal investigator Uroš Glavinić); The Serbian Innovation Fund granted an Innovation voucher No 1249, intended for use by Beoveterina doo, Belgrade.
2023	“Testing the effectiveness of active ZnO based additives on reduction of diarrhea in fattened pigs” (principal investigator Marko Ristanić); The Serbian Innovation Fund granted an Innovation voucher No 1265, intended for use by BEOINTECH doo, Belgrade.

2024	„Evaluation of the effectiveness of an ecological preparation based on reactive oxygen in the control of the bee mite <i>Varroa destructor</i> ” (principal investigator Marko Ristanić); The Serbian Innovation Fund granted an Innovation voucher No 1661, intended for use by Tales trade doo, Despotovac.
------	---

LABORATORY SKILLS

Molecular techniques	DNA extraction
	RNA extraction
	Gel electrophoresis
	Restriction fragment length polymorphism (RFLP)
	Genomic fingerprint of bacteria using repetitive sequence-based PCR (rep-PCR)
	DNA extraction and purification from agarose gels
	Polymerase chain reaction (PCR)
	Pathogen detection and viral quantification using RT-PCR
	Real-time PCR
	Analysis of gene expression based on quantitative real-time PCR
Other techniques	Light and fluorescent microscopy
	Comet assay
	Basic cytogenetic techniques
	Laboratory handling/rearing of bees
	Cultivation of bacteria

LANGUAGE SKILLS

English, German

MEMBERSHIPS

Serbian Society for Molecular Biology, Veterinary Chamber of Serbia
Veterinary Chamber of Serbia
Serbian Veterinary Society

COURSES

2014	Tempus Eduvet clinical practice on University of Veterinary Medicine, Vienna, Austria.
2017	Winter school in Iasi, Romania. 4th– 12th March 2017 Scientists together for vectors and vector-borne disease research - an intensive laboratory training course. SCOPES International Partnership “Arbovirus Monitoring, Surveillance and Research–capacity building on mosquitoes and biting midges (AMSAR)”.

2019	The Austrian Agency for International Cooperation in Education & Research (OeAD-GmbH), Centre for International Cooperation & Mobility (ICM) Scholarship. CEEPUS PhD students exchange program (01.05-31.05. 2019). University Clinic for Ruminants – University of Veterinary Medicine Vienna, Austria.
2020	Engagement on SARS-CoV-2 diagnostics in the Huo Yan Laboratory - National laboratory for molecular detection of infectious agents – Belgrade.

PUBLICATIONS

PhD thesis

"Comparative analyses of β -casein gene polymorphism (A1/A2 genotype) and its effect on qualitative composition of milk in lactating and autochthonous cattle breeds."

Scientific articles in peer-reviewed journals:

1. Glavinić Uroš, Nakarada Đura, Stevanović Jevrosima, Gašić Uroš, Ristanić Marko, Mojović Miloš, Stanimirović Zoran (2025). Chemical Composition and Antioxidant Activity of Prokupac Grape Pomace Extract: Implications for Redox Modulation in Honey Bee Cells. *Antioxidants*. 14(6):751. (IF=6.700)
2. Jovanovic M. Nemanja, Glavinic Uros, Stevanovic Jevrosima, Ristanic Marko, Vejnovic Branislav, Dolasevic Slobodan, Stanimirovic Zoran (2025) A Field Trial to Demonstrate the Potential of a Vitamin B Diet Supplement in Reducing Oxidative Stress and Improving Hygienic and Grooming Behaviors in Honey Bees. *Insects* 16(1):36. (IF: 2.700)
3. Jelisić Stefan, Stanimirović Zoran, Ristanić Marko, Nakarada Đura, Mojović Miloš, Bošnjaković Dušan, Glavinić Uroš (2024) The Potential of *Agaricus bisporus* in Mitigating Pesticide-Induced Oxidative Stress in Honey Bees Infected with *Nosema ceranae*. *Life*, 14 (11):1498. (IF=3.200)
4. Stevanović Jevrosima, Glavinić Uroš, Ristanić Marko, Erjavec Vladimira, Denk Barış, Dolašević Slobodan, Stanimirović Zoran (2024) Bee-inspired healing: apitherapy in veterinary medicine for maintenance and improvement animal health and wellbeing. *Pharmaceuticals*, 17 (8), 1050. (IF=4.300)
5. Nakarada Đura, Glavinić Uroš, Ristanić Marko, Popović Milan, Stevanović Jevrosima, Stanimirović Zoran, Mojović Miloš (2024). Bridging the buzz: *In vivo* EPR imaging unlocking the secrets of honey bee health. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*. 1–5. (IF=2.800)

6. Ristanic Marko, Zorc Minja, Glavinic Uros, Stevanovic Jevrosima, Blagojevic Jovan, Maletic Milan, Stanimirovic Zoran (2024). Genome-Wide Analysis of Milk Production Traits and Selection Signatures in Serbian Holstein-Friesian Cattle. *Animals*. 14(5):669. **(IF=3.000)**
7. Jovanovic M Nemanja, Glavinic Uros, Ristanic Marko, Vejnovic Branislav, Tamara Ilic, Stevanovic Jevrosima, Stanimirovic Zoran (2023). Effects of Plant-Based Supplement on Oxidative Stress of Honey Bees (*Apis mellifera*) Infected with *Nosema ceranae*. *Animals*. 13(22):3543. **(IF=3.000)**
8. Ristanic Marko, Vuckovic Jelena, Dominikovic Nina, Vucicevic Milos, Rajkovic Milan, Bogunovic Danica, Özvegy József (2023) Use of parasitological and molecular methods in *Giardia* sp. detection in animals held in captivity. *Acta Veterinaria-Beograd*, In press. **(IF=1.000)**
9. Glavinic Uroš, Rajković Milan, Ristanic Marko, Stevanović Jevrosima, Vejnović Branislav, Djelić Ninoslav, Stanimirović Zoran (2023) Genotoxic Potential of Thymol on Honey Bee DNA in the Comet Assay. *Insects*, 14(5):451. **(IF=3.141)**
10. Rajkovic Milan, Stanimirovic Zoran, Stevanovic Jevrosima, Ristanic Marko, Vejnovic Branislav, Goblirsch Michael, Glavinic Uros (2022). Evaluation of genotoxic and genoprotective effects of *Agaricus bisporus* extract on AmE-711 honey bee cell line in the Comet assay. *Journal of Apicultural Research*, 1-9. **(IF=2.584)**
11. Jovanovic M Nemanja, Glavinic Uros, Ristanic Marko, Vejnovic Branislav, Stevanovic Jevrosima, Cosic Milivoje, Stanimirovic Zoran (2022). Contact varroacidal efficacy of lithium citrate and its influence on viral loads, immune parameters and oxidative stress of honey bees in a field experiment. *Frontiers in Physiology*, DOI: 10.3389/fphys.2022.1000944 **(IF=4.755)**
12. Tesovnik Tanja, Zorc Minja, Ristanic Marko, Glavinic Uros, Stevanovic Jevrosima, Narat Mojca, Stanimirovic Zoran (2020). Exposure of honey bee larvae to thiamethoxam and its interaction with *Nosema ceranae* infection in adult honey bees. *Environmental Pollution*, 256, 113443. **(IF=6.792)**
13. Vasic Ana, Zdravkovic Nemanja, Aniță Dragos, Bojkovski Jovan, Marinov Mihai, Mathis Alexander, Niculaua Marius, Oşlobanu Elena Luanda, Pavlovic Ivan, Petric Dusan, Glavinic Uros, Ristanic Marko et al. (2019). Species diversity, host preference and arbovirus detection of *Culicoides* (Diptera: Ceratopogonidae) in south-eastern Serbia. *Parasites & vectors*, 12 (1), 61. **(IF=3.163)**
14. Glavinic Uros, Blagojevic Jovan, Ristanic Marko, Stevanovic Jevrosima, Lakic Nada, Mirilovic Milorad, Stanimirovic Zoran (2022). Use of thymol in *Nosema ceranae* control and health improvement of infected honey bees. *Insects* 13, 574. **(IF=2.769)**
15. Stanimirovic Zoran, Glavinic Uros, Jovanovic M. Nemanja, Ristanic Marko, Milojkovic-Opsenica Dusanka, Mutic Jelena, Stevanovic Jevrosima (2022) Preliminary trials on effects of lithium salts on *Varroa destructor*, honey and wax matrices. *Journal of Apicultural Research* 61 (3) 375–391. **(IF=2.407)**
16. Glavinic Uros, Stevanovic Jevrosima, Ristanic Marko, Rajkovic Milan, Davitkov Dajana, Lakic Nada, Stanimirovic Zoran (2021). Potential of fumagillin and *Agaricus blazei* mushroom extract to reduce *Nosema ceranae* in honey bees. *Insects*, 12, 282. **(IF=2.220)**

17. Radakovic Milena, Borožan Suncica, Djelic Ninoslav, Ivanovic Sasa, Cupic-Miladinovic Dejana, Ristanic Marko, Spremo-Potparevic Biljana, Stanimirovic Zoran (2018). Nitroso-oxidative stress, acute phase response, and cytogenetic damage in wistar rats treated with adrenaline. *Oxidative Medicine and Cellular Longevity*, 1805354. (IF=5.076)
18. Ristanic Marko, Stanisic Ljubodrag, Maletic Milan, Glavinic Uros, Draskovic Vladimir, Aleksic Nevenka, Stanimirovic Zoran (2018). Bovine foetal sex determination-different DNA extraction and amplification approaches for efficient livestock production. *Reproduction in Domestic Animals*, 53 (4) 947-954. (IF=1.638)
19. Vasic Ana, Luanda Elena Oşlobanu, Mihai Marinov, Luciana Alexandra Crivei, Ioana Alexandra Răţoi, Adriana Aniţă, Dragoş Aniţă, Glavinic Uros, Ristanic Marko et al. (2019) Evidence of West Nile Virus (WNV) Circulation in Wild Birds and WNV RNA Negativity in Mosquitoes of the Danube Delta Biosphere Reserve, Romania, 2016. *Tropical medicine and infectious disease* 4 (3) 116. (IF=3.711)
20. Stanimirovic Zoran, Glavinic Uros, Lakic Nada, Radović Dejan, Ristanic Marko, Taric Elmin, Stevanovic Jevrosima (2017). Efficacy of plant-derived formulation “Argus Ras” in *Varroa destructor* control. *Acta Veterinaria-Beograd*, 67 (2) 191-200. (IF=0.741)
21. Stanimirović Zoran, Glavinić Uroš, Ristanić Marko, Jelisić Stefan, Vejnović Branislav, Niketić Mia, Stevanović Jevrosima (2022) Diet supplementation helps honey bee colonies in combat infections by enhancing their hygienic behaviour. *Acta Veterinaria-Beograd* 72 (2) 145-166. (IF=1.000)
22. Rajković Milan, Glavinić Uroš, Ristanić Marko, Ćosić Milivoje, Dimitrijević–Srećković Vesna, Ilić Iva, Đelić Ninoslav (2021). Does organic sprouted whole wheat grain flourless bread decreases DNA damage in diabetic patients? *Acta Veterinaria-Beograd*, 71 (3), 273-284. (IF = 0.800)
23. Ristanic Marko, Glavinic Uros, Vejnovic Branislav, Maletic Milan, Kirovski Danijela, Teodorovic Vlado, Stanimirovic Zoran (2020). Beta-casein gene polymorphism in Serbian Holstein-Friesian cows and its relationship with milk with milk production traits. *Acta Veterinaria-Beograd*, 70 (4) 497-510. (IF=0.693)
24. Petrovic Slobodan, Maletic Milan, Lakic Nada, Aleksic Nevenka, Maletic Jelena, Ristanic Marko, Stanimirovic Zoran (2020). The effects of antioxidants provided with feed on certain quality parameters of bull semen under heat stress conditions. *Acta Veterinaria-Beograd*, 70 (4) 453-470. (IF=0.693)
25. Vucicevic Milos, Vucicevic Ivana, Dosenovic Milan, Ristanic Marko, Aleksic Nevenka, Resanovic Radmila, Stanimirovic Zoran (2020). Is PBFD symptomatology species specific rather than strain specific?—A case of 8 lovebirds. *Acta Veterinaria-Beograd*, 70 (3) 386-394. (IF=0.693)
26. Zikic Biljana, Aleksic Nevenka, Ristanic Marko, Glavinic Uros, Vejnovic Branislav, Krnjaic Igor, Stanimirovic Zoran (2020). Anti-varroa efficiency of coumaphos and its influence on oxidative stress and survival of honey bees. *Acta Veterinaria-Beograd*, 70 (3) 355-73. (IF=0.693)
27. Dimitrijevic Vladimir, Ristanic Marko, Stanisic Ljubodrag, Drobnjak Darko, Urosevic Milivoje, Ozkanal Umit, Stanimirovic Zoran (2020). Use of microsatellites in genetic

diversity assessment, parentage testing and individual identification of the Kangal Shepherd Dog. *Acta Veterinaria-Beograd*, 70 (2) 170-181. (IF=0.693)

28. Stanimirovic Zoran, Glavinic Uros, Ristanic Marko, Aleksic Nevenka, Jovanovic Nemanja, Vejnovic Branislav, Stevanovic Jevrosima (2019). Looking for the causes of and solutions to the issue of honey bee colony losses. *Acta Veterinaria-Beograd*, 69 (1) 1-31. (IF=0.693)
29. Dacic Stefan, Djelic Ninoslav, Radaković Milena, Lakić Nada, Veselinović Aleksandar, Ristić Marko, Andjelkovic Marko (2016). Effects of photopolymerisation on genotoxicity of composite adhesives in the comet assay. *Genetika*, 48 (2) 617-627. (IF=0.403)

Scientific paper in other refereed journals

1. Ristanic Marko, Niksic Aleksandar, Niketic Mia, Jelisc Stefan, Rajkovic Z Milan, Glavinic Uros, Stanimirovic Zoran (2022). Use of Allele Specific PCR in the investigation of presence of β -casein polymorphism in Holstein-Friesian cows. *Veterinarski glasnik*. 76 (1): 17-24.
2. Glavinic Uros, Dzogovic Danica, Jelisc Stefan, Ristanic Marko, Zorc Minja, Aleksic Nevenka, Stanimirovic Zoran (2022). Oxidative status of honey bees infected with *Nosema ceranae* microsporidium and supplemented with *Agaricus bisporus* mushroom extract. *Veterinarski glasnik*, 13-13.

Publications in international and national meetings

1. Jelisić Stefan, Nakarada Đura, Dominiković Nina, Glavinić Uroš, Ristić Marko, Popović Milan, Stevanović Jevrosima, Zoran Stanimirović, Mojović Miloš (2024) Evaluating the antioxidant efficacy of *Agaricus bisporus* extract against synthetic insecticides using EPR. Book of Abstracts 5th International Conference on Plant Biology (24th SPPS Meeting), October 3-5, pp. 146, Srebrno Jezero, Serbia
2. Ristić Marko, Zorc Minja, Glavinić Uroš, Dominiković Nina, Blagojević Jovan, Jelisić Stefan, Stanimirović Zoran (2024). Primena SNP čip panela u selekciji goveda za naprednu reproduktivnu efikasnost. Zbornik predavanja, 15. Naučni simpozijum, 17-20. oktobar, 27-41, Divčibare, Srbija.
3. Uros Glavinic, Marko Ristanic, Milan Rajkovic, Stefan Jelisc, Nina Dominikovic, Jevrosima Stevanovic, Zoran Stanimirovic (2024) The potential of Ame-711 continuous honey bee cell line in genotoxicology research. Abstract Book, 10th Congress of Apidology (EurBee 10), Sept 16-19, pp. 155, Tallinn, Estonia.
4. Stefan Jelisc, Marko Ristanic, Uros Glavinic, Nina Dominikovic, Jovan Blagojevic, Jevrosima Stevanovic, Zoran Stanimirovic (2024) Enhancing honey bee health: *Agaricus bisporus* protective effect in chemically and biologically induced stress. Abstract Book, 10th Congress of Apidology (EurBee 10), Sept 16-19, pp. 203, Tallinn, Estonia.
5. Ristić Marko, Glavinić Uroš, Jovanović M. Nemanja, Niketić Mia, Pejčić Aleksa, Stevanović Jevrosima, Stanimirović Zoran (2023). Primena meda u apiterapiji životinja. Zbornik radova i kratkih sadržaja, 34. Savetovanje veterinara Srbije, Sept 07-10, pp. 299-304, Zlatibor, Srbija.

6. Maletić Milan, Blagojević Jovan, Magaš Vladimir, Ristanić Marko, Vakanjac Slobodanka, Belobrković Vukašin, Jovanović Rade (2023). Primena savremenih tehnologija u upravljanju reprodukcijom na farmama visoko mlečnih krava. Zbornik radova i kratkih sadržaja, 34. Savetovanje veterinarara Srbije, Sept 07-10, pp. 45-52, Zlatibor, Srbija.
7. Stevanović Jevrosima, Glavinić Uroš, Ristanić Marko, Jovanović Nemanja, Dominiković Nina, Stanimirović Zoran (2023). Apiterapija – pomoć ili alternativa veterinarskoj medicine. Zbornik radova i kratkih sadržaja, 34. Savetovanje veterinarara Srbije, Sept 07-10, pp. 279-289, Zlatibor, Srbija.
8. Glavinić Uroš, Ristanić Marko, Jelisić Stefan, Blagojević Jovan, Jovanović Nemanja, Stevanović Jevrosima, Stanimirović Zoran (2023). Mehanizmi lekovitog dejstva propolisa u apiterapiji životinja. Zbornik radova i kratkih sadržaja, 34. Savetovanje veterinarara Srbije, Sept 07-10, pp. 290-298, Zlatibor, Srbija.
9. Jovanović M. Nemanja, Aleksić Nevenka, Ilić Tamara, Glavinić Uroš, Ristanić Marko, Stevanović Jevrosima, Stanimirović Zoran (2023). Antiparazitski potencijal pčelinjih proizvoda. Zbornik radova i kratkih sadržaja, 34. Savetovanje veterinarara Srbije, Sept 07-10, pp. 310-316, Zlatibor, Srbija.
10. Stevanovic Jevrosima, Glavinic Uros, Jovanovic M Nemanja, Ristanic Marko, Dominikovic Nina, Vejnovic Branislav, Stanimirovic Zoran (2022) Potential of dietary supplement to enhance hygienic behavior of honey bee colonies and their combat with most common infections. Abstract Book, 9 th Congress of Apidology (EurBee 9), Sept 20-22, pp. 164, Belgrade, Serbia.
11. Glavinic Uros, Niketic Mia, Ristanic Marko, Rajkovic Milan, Dominikovic Nina, Stevanovic Jevrosima, Stanimirovic Zoran (2022) Use of fumagillin and Agaricus blazei mushroom extract in Nosema ceranae control and health improvement of infected honey bees. Abstract Book, 9 th Congress of Apidology (EurBee 9), Sept 20-22, pp. 96, Belgrade, Serbia.
12. Stanimirovic Zoran, Glavinic Uros, Jovanovic M Nemanja, Ristanic Marko, Milojković-Opsenica Dušanka, Vejnovic Branislav, Stevanovic Jevrosima (2022) Multiple effects of lithium citrate systemically and topically applied on honey bee colonies. Abstract Book, 9 th Congress of Apidology (EurBee 9), Sept 20-22, pp. 103, Belgrade, Serbia.
13. Zorc Minja, Ristanic Marko, Glavinic Uros, Jovanovic M Nemanja, Stevanovic Jevrosima, Dovc Peter, Stanimirovic Zoran, (2022) An integrated resource of genotype-phenotype associations in the honey bee. Abstract Book, 9 th Congress of Apidology (EurBee 9), Sept 20-22, pp. 61, Belgrade, Serbia.
14. Ristanić Marko, Zorc Minja, Glavinić Uroš, Blagojević Jovan, Maletić Milan, Dovč Peter, Stanimirović Zoran (2022). Identifikacija potpisa selekcije proizvodnih i reproduktivnih osobina i stepena genomske inbridinga u populaciji Srpskih holštajn-frizijskih krava. Zbornik radova i kratkih sadržaja, 33. Savetovanje veterinarara Srbije, Sept 08-11, pp. 85-96, Zlatibor, Srbija.

15. Vejnović Branislav, Stevanović Jevrosima, Glavinic Uroš, Ristanić Marko, Mirilović Milorad, Đurić Spomenka, Stanimirović Zoran (2022). Strategija kontrole *Varroa destructor* u Republici Srbiji. Zbornik radova i kratkih sadržaja, 33. Savetovanje veterinara Srbije, Sept 08-11, pp. 498-506, Zlatibor, Srbija.
16. Ristanic Marko, Zorc Minja, Glavinic Uros, Rajkovic Milan, Maletic Milan, Stevanovic Jevrosima, Stanimirovic Zoran (2022) Genome-Wide Association Study for milk production traits in Serbian Holstein-Friesian cows. Proceedings and short contents, 27th Annual Counselling of Doctorsof Veterinary Medicine of Republic of Srpska (Bosnia and Herzegovina) – International Scientific Meeting, June, 15-18, 2022, 151-154, Trebinje, Grad Sunca, BiH.
17. Jovanovic M. Nemanja, Glavinic Uros, Rajkovic Milan, Stevanovic Jevrosima, Ristanic Marko, Ilic Tamara, Stanimirovic Zoran (2022) Suplement koji sadrži B-kompleks vitamina može da poboljša zdravlje pčela i proizvodne performanse zajednica, Zbornik kratkih sadržaja, XXIV simpozijum epizootiologa i epidemiologa, 27-29. april 2022. Subotica, Srbija.
18. Glavinic Uros, Jovanović Nemanja, Blagojevic Jovan, Ristanic Marko, Stevanovic Jevrosima, Dominikovic Nina, Stanimirovic Zoran (2022) Timol u kontroli nozemoze, Zbornik kratkih sadržaja, XXIV simpozijum epizootiologa i epidemiologa, 27-29. april 2022. Subotica, Srbija.
19. Glavinic Uros, Ristanic Marko, Jovanovic M. Nemanja, Rajkovic Milan, Niketic Mia, Stevanovic Jevrosima, Stanimirovic Zoran (2022) Novi trendovi u kontroli *Nosema ceranae*. Zbornik predavanja XLIII Seminara za inovacije znanja veterinara, Feb 25, pp 79-91, Beograd, Srbija.
20. Stanišić Ljubodrag, Aleksić M. Jelena, Ristanić Marko, Stevanović Jevrosima, Dimitrijević Vladimir, Stanimirović Zoran (2021) Molekularno-genetičke i fenotipske karakteristike Balkanskog i Banatskog magarca. Zbornik predavanja trećeg Simpozijuma „Zaštita agrobiodiverziteta i očuvanje autohtonih rasa domaćih životinja”, Jun 25-27, pp 365-374, Dimitrovgrad, Srbija.
21. Ristanic Marko, Glavinic Uros, Maletic Milan, Rajkovic Milan, Krnjaic Igor, Aleksic Nevenka, Stanimirovic Zoran (2019). A2A2 mleko – utvrđivanje tipa β -kazeinskog gena kod goveda, Zbornik kratkih sadržaja 24. godišnje savetovanje doktora vetrerinarkse medicine Republike Srpske (Bosna i Hercegovina) medjunarodni naucni skup, 12-15. jun 2019, str. 169-172, Bijeljina, Etno selo Stanisici, BiH.
22. Ristanic Marko, Cirkovic Dragan, Glavinic Uros, Stevanovic Jevrosima, Krnjaic Igor, Rajkovic Milan, Stanimirovic Zoran (2019). Virusne infekcije pčela u društvima različite jačine. Zbornik radova i kratkih sadržaja, 30. Savetovanje veterinara Srbije, Sept 12-15, pp. 251-256, Zlatibor, Srbija.
23. Glavinic Uros, Jovanovic Nemanja, Ristanic Marko, Vejnovic Branislav, Stevanovic Jevrosima, Aleksic Nevenka, Stanimirovic Zoran (2019). Antivarozni efekat litijumovih soli, Zbornik kratkih sadržaja 24. godišnje savetovanje doktora vetrerinarkse medicine Republike Srpske (Bosna i Hercegovina) medjunarodni naucni skup, 12-15. jun 2019, str. 89-92, Bijeljina, Etno selo Stanisici, BiH.

24. Stanimirovic Zoran, Ristanic Marko, Glavinic Uros, Jovanovic Nemanja, Taric Elmin, Aleksic Nevenka, Stevanovic Jevrosima (2019). Klinički pregled i zazimljavanje pčela. Zbornik radova i kratkih sadržaja, 30. Savetovanje veterinarara Srbije, Sept 12-15, pp. 227-238, Zlatibor, Srbija
25. Jovanovic Nemanja, Glavinic Uros, Stevanovic Jevrosima, Vejnovic Branislav, Ristanic Marko, Mladjan Vladimir, Stanimirovic Zoran (2019). Značaj dijetetskih suplemenata u zazimljavanju pčela. Zbornik radova i kratkih sadržaja, 30. Savetovanje veterinarara Srbije, Sept 12-15, pp. 273-279, Zlatibor, Srbija.
26. Aleksic Nevenka, Stevanovic Jevrosima, Taric Elmin, Ristanic Marko, Glavinic Uros, Stanimirovic Zoran (2019). Pčelarstvo i zakonska regulativa u republici Srbiji. Zbornik radova i kratkih sadržaja, 30. Savetovanje veterinarara Srbije, Sept 12-15, pp. 280-285, Zlatibor, Srbija.
27. Stevanovic Jevrosima, Glavinic Uros, Ristanic Marko, Vucicevic Milos, Draskovic Vladimir, Jovanovic Nemanja, Stanimirovic Zoran (2019). Pravilno uzorkovanje, čuvanje i slanje materijala za molekularno genetičke analize u veterinarskoj medicini. Zbornik predavanja XXXIX Seminara za inovacije znanja veterinarara, Feb 22, pp 107-117, Beograd, Srbija.
28. Aleksić Nevenka, Glavinić Uroš, Ristanić Marko, Stanimirović Zoran (2019). Parazitološka dijagnostika u svakodnevnoj praksi. Zbornik predavanja XL Seminara za inovacije znanja veterinarara, Feb 22, pp 169-180. Beograd, Srbija.
29. Ristanic Marko, Stanisic Ljubodrag, Maletic Milan, Glavinic Uros, Draskovic Vladimir, Aleksic Nevenka, Stanimirovic Zoran (2018) Prenatalna determinacija pola kod goveda – različite metode DNK ekstrakcije i amplifikacije u cilju efikasnije stočarske proizvodnje. Zbrnik kratkih sadržaja, 23. godišnje savjetovanje doktora vetrerinarkse medicine Republike Srpske (Bosna i Hercegovina) sa međunarodnim učešćem, 6-9 jun 2018, str. 191-192, Teslić, Banja Vrućica, BiH.
30. Stevanovic Jevrosima, Glavinic Uros, Ristanic Marko, Draskovic Vladimir, Stanimirovic Zoran (2018). Kvantitativni real-time PCR u praćenju infekcija, reakcija organizama na patogene i proceni efikasnosti lekova i dijetetskih suplemenata (plenarno predavanje). Zbornik predavanja XXXIX Seminara za inovacije znanja veterinarara, Feb 23, pp 27-35, Beograd, Srbija.
31. Draskovic Vladimir, Bosnjak-Neumuller Jasna, Raj Jog, Vasiljevic Marko, Ristanic Marko, Aleksic Nevenka, Stanimirovic Zoran (2018). A technique to monitor plant-based feed additive's efficacy in controlling Lawsonia intracellularis infections in pigs. Book of abstracts, 25th International pig veterinary society congress, 11-14 June 2018, pp 130, Chongqing, China.
32. Glavinic Uros, Stevanovic Jevrosima, Taric Elmin, Draskovic Vladimir, Ristanic Marko, Lakic Nada, Stanimirovic Zoran (2018). Dietary supplementation protects honey bee from immunosuppression caused by Nosema ceranae. Abstract Book, 8th Congress of Apidology (EurBee 8), Sept 18-20, pp. 196, Ghent, Belgium.

33. Draskovic Vladimir, Bosnjak-Neumuller Jasna, Vasiljevic Marko, Ristanic Marko, Radakovic Milena, Kukolj Vladimir, Stanimirovic Zoran (2017). Effect of phytogenic feed additive on the level of *Lawsonia intracellularis* antigen expression on the intestinal mucosa of pigs. Book of abstracts, 8th Asian Pig Veterinary Academic Conference, 12-15 May 2017, pp. 300-301, Wuhan, Hubei province, China.
34. Ristanic Marko, Skadric Ivan, Stanisic Ljubodrag, Glavinic Uros, Dimitrijevic Vladimir, Stevanovic Jevrosima, Stanimirovic Zoran (2016). Kreiranje i standardizacija novog mikrosatelitskog panela za utvrđivanje roditeljstva kod ovaca. Zbornik predavanja, 7. Naučni Simpozijum Reprodukcijska domaćih životinja, 6-9. okt. 2016, Divčibare, Srbija, str. 145,146.

Technical and development solutions

New technical solution (method) applied at an international level - M81

1. Glavinić Uroš, Vunduk Jovana, Ristanić Marko, Rajković Milan, Stevanović Jevrosima, Vejnović Branislav, Stanimirović Zoran (2022) “Suplement za prihranu pčela na bazi vodenog ekstrakta gljive *Agaricus bisporus*”, Project III 46002 Ministry of Education, Science and Technological Development of the Republic of Serbia (MPNTR RS), categorisation based on the opinion of the Main Scientific Committee for Biotechnology and Agriculture of MESTDRS 29 July 2022.
2. Stanimirović Zoran, Glavinić Uroš, Ristanić Marko, Stevanović Jevrosima (2019) VaroLiTom - ecological formulation of a bee supplement with a pronounced acaricidal effect on the bee tick *Varroa destructor*. Technical solution ID: 5113014, Project III 46002 Ministry of Education, Science and Technological Development of the Republic of Serbia (MPNTR RS), categorisation based on the opinion of the Main Scientific Committee for Biotechnology and Agriculture of MESTDRS on 18 April 2019.

New technical solution (method) applied at a national level - M82

1. Stanimirović Zoran, Ristanić Marko, Glavinić Uroš, Maletić Milan, Stevanović Jevrosima, Kirovski Danijela, Teodorović Vlado (2020) Prenatal determination of bovine foetal sex by detection of free-circulating foetal DNA, using real-time polymerase chain reaction (real-time PCR). Technical solution ID: 5151016, Project III 46002 Ministry of Education, Science and Technological Development of the Republic of Serbia (MPNTR RS), categorisation based on the opinion of the Main Scientific Committee for Biotechnology and Agriculture of MESTDRS on 28 May 2020.

University manuals

1. Zoran Stanimirović, Marko Ristanić, Uroš Glavinić, Jevrosima Stevanović, Ninoslav Đelić (2022). Manual in Zoology. Faculty of Veterinary Medicine, University of Belgrade, Belgrade, p. 190.
2. Uroš Glavinić, Marko Ristanić, Jevrosima Stevanović, Ninoslav Đelić, Zoran Stanimirović (2022). Manual in Veterinary Genetics - principles of genetics and molecular genetic diagnostics. Faculty of Veterinary Medicine, University of Belgrade, Belgrade, p. 113.