

ZORAN STANIMIROVIC, PhD, full professor

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CURRICULUM VITAE

GENERAL

First name	Zoran
Family name	Stanimirovic
Date and place of birth	June 29 th , 1962; Ševarice, Serbia, Yugoslavia
Citizenship	Serbian, Permanent Resident
Work address	Department of Biology, Faculty of Veterinary Medicine, University of Belgrade, Bul. Oslobođenja 18, 11000 Belgrade, SERBIA
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EDUCATION

1987	University degree in Biology, Graduate Biologist, University of Belgrade - Faculty of Sciences, Department of Biological Sciences, Belgrade, Yugoslavia.
1992	MSc degree, Master of Biological Sciences (Genetics), University of Belgrade - Faculty of Biology, Belgrade, Yugoslavia.
1995	PhD degree, PhD in Biological Sciences (Genetics), University of Belgrade - Faculty of Biology, Belgrade, Yugoslavia.

PROFESSIONAL CAREER

1987-1988	Junior Researcher - biologist (B.Sc.) at the University of Belgrade - Faculty of Veterinary Medicine, Department of Biology.
1988-1993	Assistant Trainee at the University of Belgrade - Faculty of Veterinary Medicine, Department of Biology.
1993-1996	Teaching Assistant at the University of Belgrade - Faculty of Veterinary Medicine, Department of Biology and at the University of East Sarajevo - Faculty of Medicine in Foča.
1996-2001	Assistant Professor at the University of Belgrade - Faculty of Veterinary Medicine, Department of Biology;
1999-2025	Head of the Department of Biology within the University of Belgrade - Faculty of Veterinary Medicine.
2001-2006	Associate Professor at the University of Belgrade - Faculty of Veterinary Medicine, Department of Biology.
2006	Establishment of the Laboratory for Animal Genetics within the Department of Biology, University of Belgrade - Faculty of Veterinary Medicine.

Teaching at other Universities	Teaching at the University of Sarajevo - Faculty of Medicine and Faculty of Dental Medicine in Foča (undergraduate studies) in period 1992-2007 and at the University of Prishtina - Faculty of Medicine (postgraduated studies) 1999/2000 school year.
2007- ongoing	Full Professor at the University of Belgrade - Faculty of Veterinary Medicine, Department of Biology.
2010-2016	Member of the Scientific Board for Biology at the Ministry of Education, Science and Technological Development of the Republic of Serbia.
2010-2019	Member of the Scientific Board for Natural Sciences at the University of Belgrade.
2022-2026	Member of the Scientific Board for Biology at the Ministry of Science, Technological Development and Innovation of the Republic of Serbia.
2022-ongoing	Head of the Center for Innovative and Scientific Research at University of Belgrade - Faculty of Veterinary Medicine (CINI – FVM).
2021-2023 2023-ongoing	Member of the Council of the University of Belgrade – Faculty of Biology
2023 ongoing	Member of the Council of the University of Belgrade – Faculty of Veterinary Medicine
2023-ongoing	Chairman of the Management Board of Institute for Animal Husbandry in Belgrade, Serbia
2023	Honorary member of the Academy of Veterinary Medicine of the Serbian Veterinary Society (starting from Dec 7, 2023).

PUBLICATIONS

146 scientific papers in international SCI journals
35 scientific papers in other refereed journals
224 presentations at international and national scientific meetings
57 new haplotypes/sequences deposited in GenBank
4 university books
5 university manuals
1 monograph

CITATIONS

2106 citations	<i>h</i> -index: 26
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AWARDS

2002	Award from Government of Serbian Republic from fund for best scientists.
2004	Award from Ministry of Science and Environment of Serbia for investigations in biology according to the results in period 2002-2003.
2023-2025	Named in the Stanford University list of World Top 2% scientists https://topresearcherslist.com/Home/Profile/1092862 https://topresearcherslist.com/Home/Search?AuthFull=Stanimirovic%2C+Zoran

PROJECTS

NATIONAL PROJECTS	
1991-1995	Project funded by the Republic Ministry for Science and Technology "Genetic and regulatory factors in reproduction and health protection of domestic animals", Project No. 1209.

1994-1999	Project funded by the Federal Ministry for Development, Science and Environment “Biomonitoring in function of preserving of indigenous animals races, health protection of domestic animal and ecosystems”, Project No. TSI-358.
1995-2000	Project funded by the Republic Ministry for Science and Technology “Investigations of etiopatogenesis, genetical and ecological factors with target to improve health protection and to increase productive – reproductive characteristics of animals and health propriety of animal food“, Project No. 12M18.
2001-2005	Leader of the Project funded by the Serbian Ministry of Science, Technology and Development “Genetic and ecological investigations of honey bees in relation to disease resistance and production of ecologically safe food”, Project No. 1870.
2002-2005	Project funded by the Serbian Ministry of Science, Technology and Development ”Development of technologies and new products of nonconvention animal production”, Project No. 0541.
2003-2004	Leader of the Project involved in Programme of Husbandry Development funded by the Ministry of Agriculture, Water Management and Forestry: “Development of beekeeping based on selection of new domestic stocks of queen and selection of honey bee colonies more resistant on diseases of adult honey bees and honey bee brood”.
2006-2010	Leader of the Project funded by the Serbian Ministry for Science and Technological Development "Ecophysiological and genetic investigations of domestic animals and bees for the purpose of increasing reproductive traits and disease resistance", Project No. 143022.
2008-2010	Leader of the Project funded by the Serbian Ministry for Science and Technological Development “Introduction of molecular-genetic markers for parentage confirmation and performance testing in cattle selection and improvement”, Project No. 20011.
2011-2019	Leader of the Project funded by the 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.
2016-2017	Project funded by the Ministry of Agriculture and Environmental Protection "Investigation of the causes and consequences of the disappearance of deer game in central Serbia, the definition of areas suitable for reintroduction and measures for improving the reintroduction process - Phase I".
2019	Project funded by the Ministry of Agriculture, Forestry and Water Management. “European Brown Hare Syndrome and <i>Lepus europaeus</i> population decrease in Republic of Serbia”.
2023-2026	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).
INNOVATION PROJECTS	
2018	“The development of a new service: molecular genetic determination of sex alleles in drones and the assessment of queen genotypes of the bee <i>Apis mellifera</i> ” (principal investigator Prof. Dr Zoran Stanimirović); the Serbian Innovation Fund granted an Innovation voucher No 121 intended for use by GOLDEN BEE DOO company, Beograd.
2018	“Testing, optimization and developing a new formulation (product) for ecological combat against the honey bee mite <i>Varroa destructor</i> ” (principal investigator Uroš Glavinic); the Serbian Innovation Fund granted an Innovation voucher No 134 intended for use by EVROTOM DOO company, Ruma.

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	“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.
2018-2019	“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.
2018-2019	“Screening mastitis in cows caused by <i>Prototheca zopfii</i> – Introduction and verification of molecular genetic method of diagnosis of prototheca infection and 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.
2018-2019	“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.
2018-2019	“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.
2018-2019	“Investigation into the biological efficacy of hard paraffin briquette baits and soft bates” (principal investigator Vladimir Drašković), the Serbian Innovation Fund granted an Innovation voucher No 223 intended for use by VISAN DOO, Beograd-Zemun.
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 assessment of the protective effect of B+ supplement in honey bees infected with <i>Nosema</i> ” (principal investigator Nemanja Jovanović); the Serbian Innovation Fund granted an Innovation voucher No 371 intended for use by BEE STING DOO, Beograd.
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, 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, Beograd.
2019-2020	„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.
2019-2020	„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.

2019-2020	„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.
2020-2021	„Optimization of the molecular genetic method for diagnostics of American foulbrood causative agents and Nosema in wax“ (principal investigator Nemanja Jovanović); The Serbian Innovation Fund granted an Innovation voucher No 735, intended for use by ARC INTERNATIONAL doo, Beograd.
2020-2021	“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, Beograd.
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	“Testing the effectiveness of active ZnO based additives on reduction of diarrhea in fattened pigs” (principal investigator Marko Ristanic); The Serbian Innovation Fund granted an Innovation voucher No 1265, intended for use by BEOINTECH 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.
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.
INTERNATIONAL PROJECTS	
2004-2006	Scientific Project “Safe Varroa control method for both conventional and organic beekeeping” – “ <i>Turvallinen varroapunkin torjuntamenetelmä tavanomaiseen ja luonnonmukaiseen mehiläistarhaukseen</i> “ (in Finnish).
2004-2006	Co-Leader of the Bilateral Project Serbia-Macedonia funded by Serbian and Macedonian Ministries for Science “Investigations of honeybee behavior in disease resistance, organic beekeeping and production of medication and alternative medications based on bee products and medicinal herbs”.
15. Apr. – 15. Nov. 2013	Leader of the Project funded by SAVE Foundation, Schneebergstr. 17, CH-9000 St.Gallen, Switzerland, under the UN-FAO Funding Strategy for the Global Plan of Action for Animal Genetic Resource “DNA Extraction BushaLive Project“, BL-DNA-01.
5. May – 5. Sept. 2014	Leader of the Project supported with the financial assistance of the European Union (EU General Budget) and the Austrian Development Agency “Training plan Danube Honey House, assessment demo plots and start-up package“, Ref: 6526-00/2011/Grant24-04.
2015-2016	COST Action FA1201 “Epigenetics and Periconception Environment (EPICONCEPT)“.

2016-2017	Bilateral Project Serbia-Slovenia funded by the 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.
2016-2021	Chief Scientific Investigator (CSI) of the 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'.
2017-2020	ERASMUS + ART-REM Curricula Development in the Fields of Reproductive Biology/Assisted Reproductive Technologies and Regenerative Medicine in Serbia Project No. 586181-EPP-1-2017-1-RS-EPPKA2-CBHE-JP, funded by the Erasmus+ Programme of the European Union
2024-2025	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	LEarning VEntuReS for Climate Justice (LEVERS)“, supported through the Horizon Europe program, HORIZON-WIDERA-2022-ERA-01, implemented by the Center for the Promotion of Science in cooperation with international partners coordinated by Trinity College Dublin.

JOURNAL EDITING

- *Acta Veterinaria-Beograd* (member of the Editorial Board since Jan 2019)
- *Srpski pčelar* (member of the Editorial Board since Sept 2008, member of Publishing council since Jan 2016)

MEMBERSHIPS

Apimondia International Federation of Beekeepers' Associations
Entomological Society of Serbia
Serbian Genetic Society
Serbian Society for Molecular Biology "MolBios"
COLOSS (Prevention of honey bee COLony LOSSes) international association
Serbian Federation of Beekeeping Organization
Beekeepers' Association Belgrade

JOURNAL REFEREEING

- *Animal Genetics*
- *Journal of Invertebrate Pathology*
- *Food Chemistry*
- *Microbial Ecology*
- *Antibiotics*
- *Biology*
- *Insects*
- *Animals*
- *Molecules*
- *Microorganisms*

- *Veterinary Sciences*
- *Applied Sciences*
- *Journal of Apicultural Research*
- *Acta Parasitologica*
- *Acta Tropica*
- *BMC Genomics*
- *BMC Ecology*
- *Naturwissenschaften*
- *European Journal of Protistology*
- *Comparative Biochemistry and Physiology, Part B*
- *Journal of Bioscience and Bioengineering*
- *Czech Journal of Animal Science*
- *Microbial Pathogenesis*
- *Acta Zoologica Bulgarica*
- *Acta Veterinaria-Beograd*
- *Macedonian Veterinary Review*
- *Journal of King Saud University - Science*

PROJECT REFEREEING

- Reviewer of the Fund for innovations and technology development of Macedonia for following types of project proposals: Co-financed Grants for Start-up, Spin off Trade Companies and Innovations, Co-financed Grants and Conditional Loans for the Commercialisation of Innovations, Co-financed Grants for Transfer of Technology and Co-financed Grants for the Establishing, Operation and Investments of Business-technological Accelerators, starting from April 2015.
- Reviewer of the Bulgarian National Science Fund for the Projects for fundamental research, Project of junior researchers and Projects for bilateral cooperation, starting from Aug 2016.
- Reviewer of the Ministry of Education, Science and Technological Development of the Republic of Serbia for the Fundamental Research Projects and Bilateral cooperation Projects, starting from January 2020.
- Reviewer of the Central Financing and Contracting Agency, Latvia acting on the basis of “Regulations of EU funds Technical Assistance projects in the process of evaluation of the project proposals submitted within the measure “Industry - Driven Research” aimed to increase the research and innovation capacity of scientific institutions of Latvia and their ability to attract external funding by investing in human resources and infrastructure of operational programme “Growth and Employment” of the EU structural and cohesion fund 2014-2020 programming period, starting from October 2018.
- Reviewer of The Latvian Council of Science, starting from 2020.
- Reviewer of The Slovenian Research Agency (ARRS) for research project proposals, starting from April 2020.
- Reviewer of The *Eva Crane Trust*; <https://www.evacranetrust.org/> starting from March 2021.
- Reviewer of European Research Executive Agency, Horizon Europe topic "[HORIZON-CL6-2022-BIODIV-02-03-two-stage: Resilient beekeeping](#)" from 2022.

BOOK REVIEW

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| Dobric Dj, Vickovic D, Kulisic Z. (2000) Bee diseases. Faculty of Veterinary Medicine, University of Belgrade. |
| Mladenovic M, Stevanovic G. (2003) Breeding of high-quality queens, Faculty of Agriculture, Zemun, University of Belgrade. |
| Palic T, Resanovic R., Rasic Z, Ilic V. (2011) Golubarstvo i bolesti golubova, Faculty of Veterinary Medicine, University of Belgrade. |

SCIENTIFIC ARTICLES

published in SCI journals

 orcid.org/0000-0003-2657-8591

1. Ristanić Marko, Glavinić Uroš, Stevanović Jevrosima, Cvetković Tamara, Mijatović Aleksa, Vejnović Branislav, Stanimirović Zoran (2025). Formic acid-based preparation in *Varroa destructor* control and its effects on hygienic behavior of *Apis mellifera*. *Insects*. 16 (12) 1236.
2. Dolasevic Slobodan, Delic Nikola, Petricevic Maja, Keskic Tanja, Pavlovic Ratko, Stevanovic Jevrosima, Stanimirovic Zoran (2025) A new technique for marking queen bees (*Apis mellifera*) for better visibility and easier spotting. *Agriculture* 15 (6) 645.
3. Rajković Milan, Glavinić Uroš, Bogunović Danica, Trailović Saša, Stevanović Jevrosima, Cvetković Goran, Stanimirović Zoran (2025) "Slow kill" treatment protocol in naturally infected dogs with *Dirofilaria immitis* and assessment of serum NT-proBNP and plasma D-dimer as biomarkers of this infection. *The Veterinary Journal* 313, 106399.
4. 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.
5. Stanković Mira, Prokopijević Miloš, Andrić Filip, Tosti Tomislav B, Stevanović Jevrosima, Stanimirović Zoran, Radotić Ksenija (2025) Investigating the impact of *Nosema* infection in beehives on honey quality using fluorescence spectroscopy and chemometrics. *Foods* 14, 598.
6. Jovanovic Nemanja M, 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, 36.
7. Blagojević Jovan, Stanimirović Zoran, Glavinić Uroš, Vakanjac Slobodanka, Radukić Željko, Mirilović Milorad, Maletić Milan (2024) Impact of supplemented nutrition on semen quality, epigenetic-related gene expression, and oxidative status in Boars. *Animals* 14 (22) 3297.
8. Jelisić Stefan, Stanimirović Zoran, Ristanić Marko, Nakarada Dura, 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.
9. Jovanović M. Nemanja, Petrović Tamaš, Nenadović Katarina, Bugarski Dejan, Stanimirović Zoran, Rajković Milan, Ristić Marko, Mirčeta Jovan, Ilic Tamara (2024) Endoparasites of ted deer (*Cervus elaphus* L.) and roe deer (*Capreolus capreolus* L.) in Serbian hunting grounds. *Animals* 2024, 14, 3120.
10. Stevanović Jevrosima, Glavinić Uroš, Ristanić Marko, Erjavec Vladimira, Denk Bariş, Dolašević Slobodan, Stanimirović Zoran (2024) Bee-inspired healing: apitherapy in veterinary medicine for maintenance and improvement animal health and well-being. *Pharmaceuticals* 17 (8) 1050.
11. Denk Bariş, Yaprakçı Volkan, Dayı Belma, Sevimli Alper, Stevanović Jevrosima, Glavinić Uros, Stanimirović Zoran (2024) Exploring the therapeutic potential of bee venom components in wound healing: a comprehensive evaluation of morphometric, biochemical, and histopathological markers. *Acta Veterinaria-Beograd* 74 (3) 347-366.
12. Stanišić Ljubodrag, Stanimirović Zoran, Kovačević Branislav, Blagojević Jovan, Nedić Svetlana, Mašić Aleksandar, Maletić Milan (2024) The efficacy of intravenous application

- of the Mycobacterium Cell Wall Fraction (AMPLIMUNE) in the treatment of subclinical mastitis caused by *S. aureus*. *Veterinary Research Communications* 48 (4) 2429-2440.
13. Nakarada Đura, Glavini 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* 341 (8) 880–884.
 14. Glavinic Uros, Jovanovic M Nemanja, Dominikovic Nina, Lakic Nada, Cosic Milivoje, Stevanovic Jevrosima, Stanimirovic Zoran (2024) Potential of wormwood and oak bark-based supplement in health improvement of *Nosema ceranae*-infected honey bees. *Animals* 14 (8) 1195.
 15. 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.
 16. Rajkovic Milan, Stanimirovic Zoran, Stevanovic Jevrosima, Ristanic Marko, Vejnovic Branislav, Goblirsch Michael, Glavinic Uros (2024) 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* 63 (4) 769-777.
 17. Jovanovic M Nemanja, Glavinic Uros, Ristanic Marko, Vejnovic Branislav, Ilic Tamara, 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.
 18. Rajković Milan, Glavinić Uros, Bogunović Danica, Vejnović Branislav, Davitkov Darko, Đelić Ninoslav, Stanimirović Zoran (2023) “Slow kill” treatment reduces DNA damage in leukocytes of dogs naturally infected with *Dirofilaria immitis*. *Veterinary Parasitology* 322: 110008.
 19. Hasegawa Nonno, Techer Maeva A, Adjlane Nouredine, al-Hissnawi Muntaser Sabah, Antunez Karina, Beaurepaire Alexis, Christmon Krisztina, Delatte Helene, Dukku Usman H, Eliash Nurit, El-Niweiri Mogbel AA, Esnault Olivier, Evans Jay D, Haddad Nizar J, Locke Barbara, Muñoz Irene, Noël Grégoire, Panziera Delphine, Roberts John MK, De la Rúa Pilar, Shebl Mohamed A, Stanimirovic Zoran, Rasmussen David A, Mikheyev Alexander S (2023) Evolutionarily diverse origins of deformed wing viruses in western honey bees. *Proceedings of the National Academy of Sciences of the United States / PNAS*, 120 (26) e2301258120.
 20. Glavinić Uroš, Rajković Milan, Ristanić 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.
 21. Pajić Marko, Todorović Dalibor, Knežević Slobodan, Prunić Bojana, Velhner Maja, Ostojić-Andrić Dušica, Stanimirovic Zoran (2023) Molecular investigation of *Eimeria* species in broiler farms in the province of Vojvodina, Serbia. *Life* 13 (4) 1039.
 22. 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* 13:1000944.
 23. Djelić Ninoslav, Borožan Sunčica, Dimitrijević-Srećković Vesna, Pajović Nevena, Mirilović Milorad, Stopper Helga, Stanimirović Zoran (2022) Oxidative stress and DNA damage in peripheral blood mononuclear cells from normal, obese, prediabetic and diabetic persons exposed to thyroid hormone *in vitro*. *International Journal of Molecular Sciences*, 23, 9072.
 24. 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.

25. 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.
26. Stanimirovic Zoran, Glavinic Uros, Jovanovic M. Nemanja, Ristanic Marko, Milojkovic-Opсениca 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.
27. Glavinic Uros, Rajkovic Milan, Vunduk Jovana, Vejnovic Branislav, Stevanovic Jevrosima, Milenkovic Ivanka, Stanimirovic Zoran (2021) Effects of *Agaricus bisporus* mushroom extract on honey bees infected with *Nosema ceranae*. *Insects* 12, 915.
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Technical and development solutions

New technical solutions applied at an international level

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2. Glavinic Uros, Vunduk Jovana, Ristanic Marko, Rajkovic Milan, Stevanovic Jevrosima, Vejnovic Branislav, Stanimirovic Zoran (2022) Supplement for feeding bees based on aqueous extract of *Agaricus bisporus* mushroom. 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 MPNTR RS on 29. 07. 2022

New technical solution (method) applied at a national level

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 MPNTR RS on 28 May 2020.

New technical solutions (not commercialized)

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