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Curriculum vitae

PERSONAL INFORMATION	
First name and family name	Isidora Prosic
Date and place of birth	10.05.1992., Novi Sad, Serbia
Work address	Bulevar Oslobođenja 18, 11000, Belgrade, Serbia
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EDUCATION	
2014 – 2020	Integrated Academic Studies, Faculty of Veterinary Medicine, University of Belgrade (grade point average: 9.45)
2020 – now	PhD Studies, Faculty of Veterinary Medicine, University of Belgrade
SCHOLARSHIPS AND AWARDS	
2017.	Dragoljub Marinković Foundation, University Scholarship
2019.	Awarded first place for best student scientific research work presented at 9 th Conference of the Student Center for Scientific Research

	Work, Faculty of Veterinary Medicine, University of Belgrade and also presented at the 60 th Serbian Students Conference of Biomedical Sciences with International Participation, Kopaonik, Republic of Serbia
PROFESSIONAL EXPERIENCE	
2021 – now	Research Trainee, Department of Microbiology, Faculty of Veterinary Medicine, University of Belgrade
2023 – now	Teaching Assistant, Department of Microbiology, Faculty of Veterinary Medicine, University of Belgrade
TEACHING EXPERIENCE	
2023 – now	Practical lectures on the following subjects: Microbiology and immunology 1 and Microbiology and immunology 2, Department of Microbiology, Faculty of Veterinary Medicine, University of Belgrade
COURSES	
2018.	World Antimicrobial Awareness Week, Faculty of Medicine, University of Belgrade
2018.	PCR in medical and biomedical research, Department for molecular genetics, Research Center Petnica
RESEARCH FOCUS	
• Antimicrobial resistance and antimicrobial alternatives • Microbiome and bioinformatics tools for microbiome analysis • Molecular bacteriology	
SKILLS	
Laboratory skills: Isolation and identification of the bacteria and fungi from different samples using routine diagnostic methods; antimicrobial susceptibility testing of bacteria and fungi; use of molecular methods in clinical microbiology diagnostics, in detection of antimicrobial resistance genes and genotyping (DNA and RNA isolation, gel electrophoresis, PCR and qPCR, Multilocus sequence typing-MLST), plasmid isolation and detection of plasmid antimicrobial resistance genes,	

plasmid transformation in bacterial cells, serological reactions (agglutination and ELISA), bioinformatics tools in bacterial genome analysis.

Language skills:

English (proficient)

Other skills:

- MS Office package
- Adobe Illustrator
- WordPress Website Builder
- Bioinformatics tools and databases

PARTICIPATION IN PROJECTS

- 2021 – now: Institutional project financing of researchers supported by the Ministry of science, technological development and innovation of the Republic of Serbia (Contract no. 451-03-68/2022-14/200143).
- 2022. “Efficacy of tannins in the control of colibacillosis of poultry”, Lead investigator: Dr Dejan Krnjaic; the Serbian Innovation Fund granted an Innovation voucher (number 1157) intended for use by Porcus vitalis d.o.o., Belgrade.
- 2023 – now: „European Network for diagnosis and treatment of antibiotic-resistant bacterial infections (EURESTOP) – COST action: CA21145, project coordinator: Mattia Mori, University of Siena, Italy.
- 2024 – now: „Exploring the Avian Microbial Frontier: Metagenomic Surveillance of Infectious Diseases and Antimicrobial Resistance in Wild Birds (MetAvian)“ - Program for financing project proposals for early stage carrer scientist - PROMIS 2023, Science Fund, Republic of Serbia. Project no: 10945, Lead investigator: Dr Gospava Lazić, Scientific Veterinary Instittue “Novi Sad“.
- 2024. (now) „Examining the impact of tannins on the immune system of broilers under conditions of chronic heat stress“ Lead investigator: Dr Dejan Krnjaic; the Serbian Innovation Fund granted an Innovation voucher (1641) intended for use by Porcus vitalis d.o.o., Belgrade.
- 2024. (now) „Examining the selective impact of tannins from sweet chestnut tree on the poultry microbiome“ Lead investigator: Dr Dejan Krnjaic; the Serbian Innovation Fund granted an Innovation voucher (1642) intended for use by Porcus vitalis d.o.o., Belgrade.

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1. Stevanović, O., Milanov, D., **Prošić, I.**, Gajdov, V., Nedić, D., Sladojević, Ž., Radalj, A. (2023). Multilocus sequence analysis (MLSA) of a *Nocardia cyriacigeorgica* strain causing severe bovine mastitis in Bosnia and Herzegovina. *Acta Veterinaria Hungarica*, 71(2), 65-70.

DOI: [10.1556/004.2023.00893](https://doi.org/10.1556/004.2023.00893)

2. **Prošić, I.**, Milčič-Matić N., Milić, N., Radalj, A., Aksentijević, K., Ilić, M., Nišavić, J., Radojičić, M., Gajdov, V., Krnjaić, D. (2024). Molecular prevalence of *MecA* and *MecC* genes in coagulase-positive *Staphylococci* isolated from dogs with dermatitis and otitis in Belgrade, Serbia: A one year study. *Acta Veterinaria-Belgrade*, 74 (1), 117-132.

DOI: 0.2478/acve-2024-0009

3. Ćilerdžić, M., Radalj, A., Ilić, M., **Prošić, I.**, Šekler, M., Resanović, R., Krstić, V., Zdravković, N., Stanojević, S., Krnjaić, D. (2024). The in vitro antimicrobial effects of hydrolysable and condensed tannin extracts on *Escherichia coli* isolated from pathological samples of deceased poultry. *Acta Veterinaria-Beograd*, 74(3), 409–429.

DOI: <https://doi.org/10.2478/acve-2024-0028>

4. Nišavić, J., Radalj, A., Milić, N., **Prošić, I.**, Živulj, A., Benković, D., Vejnović, B. (2024). PCV2 and PCV3 genotyping in wild boars from Serbia. *Slovenian Veterinary Research*.

DOI: <https://doi.org/10.26873/SVR-1708-2024>

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5. Nišavić, J., Radalj, A., Milić, N., Živulj, A., Benković, D., Stanojković, A., **Prošić, I.** (2021). A review of some important viral diseases of wild boars. *Biotechnology in Animal Husbandry*, 37(4), 235–254.

DOI: <https://doi.org/10.2298/BAH2104235N>

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6. [Milčič-Matić N., Prošić, I. \(2024\).](#) Do we need new drugs in therapy of Otitis externa, or do the old ones still work?. Book of Abstracts and Conference Proceedings – Third International Conference „Antimicrobial resistance – current state and perspectives”, Novi Sad, 16 – 18. May 2024.

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7. Radojičić, M., Milić, N., Krnjaić, D., Nišavić, J., Radalj, A., **Prošić, I.** (2021). Bakterijske, gljivične i virusne zoonoze kućnih ljubimaca. *Knjiga abstrakata*, 26. Godišnje Savetovanje Doktora Veterinarske Medicine Republike Srpske (Bosna i Hercegovina), Teslić, Republika Srpska (Bosna i Hercegovina), 9.06. - 12.06.2021., 49-52.

8. Nišavić, J., Radalj, A., Milić, N., **Prošić, I.** (2021). Viral infections of animals as potential of food-borne risk for public health. International Congress on Nutrition: „A Place Where Science Meets Practice”. Serbian Nutrition Society.

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9. Radojičić, M., Milić, N., Krnjaić, D., Nišavić, J., Radalj, A., **Prošić, I.** (2021). Bacterial, fungal and viral zoonoses of pets. Veterinarski žurnal Republike Srpske, 21(1-2), 94–106.

DOI: <https://doi.org/10.7251/VETJEN2101094R>

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10. Nišavić, J., Radalj, A., Živulj, A., **Prošić, I.**, Milić, N. (2021). Laboratorijska dijagnostika virusnih infekcija kod svinja. 18. Simpozijum Zdravstvena Zaštita, Selekcija i Reprodukcijska Svinja, On-Line Savetovanje, Beograd, 15 - 16. Oktobar, 2021.

11. Radalj, A., Milić, N., **Prošić, I.**, Živulj, A., Benković, D., Nišavić, J. (2022). Ispitivanje prisustva parvovirusa i cirkovirusa u populacijama divljih svinja i šakala. 33. Savetovanje Veterinara Srbije, Zlatibor, 08 - 11. Septembar 2022.

12. Radalj, A., Nišavić, J., Krnjaić, D., Milić, N., **Prošić, I.** (2022). PCR dijagnostika nekih vrsta virusa kod divljih životinja. Primena PCR u otkrivanju gena rezistencije bakterija na fluorohinolone. Zbornik Radova - XLIII Seminar Inovacija Znanja Veterinara.

13. Radojičić, M., **Prošić, I.**, Ezved, J., Krnjaić, D. (2022). Značaj sprovođenja dezinfekcije u zoo vrtovima – aspergiloza pingvina (*Spheniscus humboldti*) – prikaz slučaja. 33. Savetovanje Dezinfekcija, Dezinfekcija I Deratizacija - Jedan Svet Jedno Zdravlje, Bajina Bašta, 26 - 29. Maj 2022.

14. Radalj, A., Milić, N., **Prošić, I.**, Živulj, A., Benković, D., Ilić, M., Nišavić, J. (2023). Ispitivanje prisustva adenovirusa pasa u populacijama lisica i šakala. 34. Savetovanje Veterinara Srbije, Zlatibor, 07 - 10. Septembar 2023.

15. Krnjaić, D., Radojičić, M., Radalj, A., **Prošić, I.** (2023). Konvencionalna i molekularna detekcija meticilin rezistentnih *Staphylococcus aureus* (MRSA). Zbornik Predavanja XLIV Seminara Za Inovacije Znanja Veterinara, Beograd, 2023.

16. Radalj, A., Milić, N., Krnjaić, D., **Prošić, I.**, Ilić, M., Nikšić, A., & Nišavić, J. (2024). Primena molekularnih metoda u dijagnostici infekcija izazvanih adenovirusima pasa. Zbornik Predavanja XLV Seminara Za Inovacije Znanja Veterinara, Beograd, 2024.

17. Krnjaić, D., Radalj, A., **Prošić, I.** (2024). Monitoring antimikrobne rezistencije i upotrebe antibiotika kod domaćih životinja. Zbornik radova i kratkih sadržaja, 35. Savetovanje Veterinara Srbije, Zlatibor, 06 - 08. Septembar 2024.

18. Radalj, A., Milić, N., **Prošić, I.**, Ilić, M., Nikšić, A., Benković, D., Nišavić, J. (2024). Rasprostranjenost i karakterizacija svinjskog parvovirusa 2 u populaciji divljih svinja. 35. Savetovanje Veterinara Srbije, Zlatibor, 06 - 08. Septembar 2024.

19. Radalj, A., Milić, N., Krnjaić, D., **Prošić, I.**, Ilić, M., Nikšić, A., Nišavić, J. (2024). Uloga psećeg herpesvirusa 1 (CAHV1) u reproduktivnoj patologiji pasa. 15. Naučni Simpozijum Reprodukcijska žIvotinja, Divčibare, 17 – 20. Oktobar, 2024. Beograd : Fakultet veterinarske medicine, Centar za izdavačku delatnost i promet učila.

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20. Radalj, A., Nišavić, J., Milić, N., Živulj, A., **Prošić, I.** (2023). Molekularna karakterizacija svinjskih cirkovirusa 2 i 3 kod divljih svinja u Južnobanatskom okrugu. XXV Simpozijum Epizootiologa I Epidemiologa (XXV Epizootiološki Dani), Novi Sad, 24 - 26. April 2023.

21. Aničić, M., Vučićević, M., **Prošić, I.**, Vučićević, I., Jelisić, S., Marinković, D. (2023). Fibrinonekrotični endometritis i septikemija kod uzgajanih činčila usled infekcije sa *Salmonella typhimurium*. XXV Simpozijum Epizootiologa I Epidemiologa (XXV Epizootiološki Dani), Novi Sad, 24 - 26. April 2023.

22. **Prošić, I.**, Milčić-Matić N., Radalj, A., Nikšić, A., Ilić, M., Krnjaić, D. (2024). Molekularna prevalencija meticilin-rezistentnih koagulaza-pozitivnih stafilokoka izolovanih iz kože i ušiju pasa. XXVI Simpozijum Epizootiologa I Epidemiologa (XXVI Epizootiološki Dani), Banja Koviljača, 10 - 12. April 2024.

23. Radalj, A., Nikšić, A., Stevanović, O., Milanov, D., **Prošić, I.**, Gajdov, V., Milić, N., Sladojević Ž., Nedić, D. (2024). *Nocardia cyriacigeorgica* kao uzročnik teškog slučaja mastitisa goveda. XXVI Simpozijum Epizootiologa I Epidemiologa (XXVI Epizootiološki Dani), Banja Koviljača, 10 - 12. April 2024.