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CURRICULUM VITAE

GENERAL

First name	Jovan
Family name	Blagojević
Date and place of birth	September 30, 1995, Smederevska Palanka, Serbia
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EDUCATION

2020	DVM, Faculty of Veterinary Medicine, University of Belgrade (Average mark 9,08 out of 10)
2020-	PhD candidate, Faculty of Veterinary Medicine, University of Belgrade

SCHOLARSHIPS

National	
2015-2020	Scholarship of Serbian Ministry for Science and Technology

PROFESSIONAL CAREER

2021-2023	Research Trainee, Department of Biology, Faculty of Veterinary Medicine, University of Belgrade
2023-	Research Assistant, Department of Biology, Faculty of Veterinary Medicine, University of Belgrade

PUBLICATIONS

- 6 scientific papers in international SCI journals
- 3 scientific papers in other refereed journals
- 22 presentations at international and national scientific meetings

INNOVATION PROJECTS

2024	“Examination of the influence of the drying method of dairy cows on the microbiological composition of milk” (principal investigator Prof. Dr Milan Maletić); the Serbian Innovation Fund granted an Innovation voucher No 1601 intended for use by Lusa vet doo, Salaš Crnobarski.
2023	“Influence of the cytological status of the endometrium at the moment of insemination on the fertility of cows with pathological puerperium” (principal investigator Prof. Dr Milan Maletić); the Serbian Innovation Fund granted an Innovation voucher No 1355 intended for use by VS Šabac AD, Šabac.
2022	“Influence of antioxidant supplement in diet on the quality of frozen boar sperm” (principal investigator Jovan Blagojević); the Serbian Innovation Fund granted an Innovation voucher No 1171 intended for use by Superlab doo, Beograd.
2021	“Evaluation of the application of antioxidants in food on the quality of ejaculate of bulls” (principal investigator Dr Milan Maletić, assistant professor); the Serbian Innovation Fund granted an Innovation voucher No 178 intended for use by Maxi Bulls doo, Deronje.

LABORATORY SKILLS

Molecular techniques	DNA extraction
	RNA extraction
	Gel electrophoresis
	DNA extraction and purification from agarose gels
	Polymerase chain reaction (PCR)
	Pathogen detection and viral quantification using RT-PCR
	Real-time PCR
Other techniques	Analysis of gene expression based on quantitative real-time PCR
	Light and fluorescent microscopy
	Comet assay
	Computer Assisted Sperm Analysis (CASA)

TEACHING EXPERIENCE

Participation in conducting practical lectures	Zoology
	Veterinary Genetics
	Breeding and Care of Honey Bees
	Rearing and Care of Wild and Exotic Animals
	Molecular Genetic Methods in Veterinary Medicine
	Reproduction, Fertility and Artificial Insemination

LANGUAGE SKILLS

English

MEMBERSHIPS

Association of Veterinarians Practitioners of Serbia
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Serbian Association for Buiatrics

COURSES

2024	Klinika za preživare i svinje, Fakultet veterinarske medicine, Univerzitet u Lajpcigu (4 nedelje)
2023	CEEPUS, Clinical practice on University of Veterinary Medicine, Vienna, Austria.
2023	"Practical application of biotechnology in cattle reproduction" Minsk, Belarus.

PUBLICATIONS

Scientific articles in peer-reviewed journals

1. Klinč Primož, Žalig Valentina, Magaš Vladimir, **Blagojević Jovan**, Samardžija Marko, Stojić Petar, Maletić Milan (2025) Dialysis as a new method for addition of glycerol to stallion semen before freezing. *Veterinarski arhiv*, 95(1), 1-10.
2. **Blagojević Jovan**, Zoran Stanimirović, Uroš Glavinić, Slobodanka Vakanjac, Željko Radukić, Milorad Mirilović, Milan Maletić (2024) Impact of Supplemented Nutrition on Semen Quality, Epigenetic-Related Gene Expression, and Oxidative Status in Boars. *Animals*, 14(22), 3297.
3. Milovanović Bojan, Maletić Milan, Zdravković Nemanja, Jezdimirović Nemanja, Vakanjac Slobodanka, **Blagojević Jovan**, Kureljušić Branislav (2024) Clinical endometritis in cows: correlation of body condition, quality of vaginal mucus, lactation, daily milk production and the percentage of polymorphonuclear cells in the cytological smear of the endometrium. *Veterinarski žurnal Republike Srpske*, 24(1–2): 54–63.
4. 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, 2429–2440.
5. Stojković Milica, **Blagojević Jovan**, Gvozdić Dragan, Marković Lazar, Bošnjaković Dušan, Jovanović Ljubomir, Kirovski Danijela (2024) Hematological, biochemical, and acid-base response of trotters to submaximal exercise at the end of the horse racing season. *Veterinarski Glasnik*, 78(1), 1–14.
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.
7. Milan Đorđević, **Jovan Blagojević**, Miodrag Radinović, Marko Cincović, Jelena Maletić, Mario Kreszinger, Milan Maletić (2022) Efficiency of two protocols of resynchronization of

- estrus and ovulation in high-producing dairy cows at peak lactation. *Acta Veterinaria-Beograd*, 72(3):362-374.
8. 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.
 9. Maletić Milan, Spasojević Filip, **Blagojević Jovan**, Aleksić Nevenka, Vakanjac Slobodanka, Maletić V Jelena, Mrkun Janko (2022) Retained bovine placenta – various treatments and their effects. *Veterinarski Glasnik*, 76(1):37-46.

Publications in international and national meetings

1. Maletić Milan, Magaš Vladimir, **Blagojević Jovan**, Vakanjac Slobodanka (2025) Primena ultrazvuka u dijagnostici oboljenja mlečne žlezde krava. Zbornik predavanja XLVI Seminara za inovacije znanja veterinara, 28. februar, pp 101-110, Beograd, Srbija.
2. **Blagojević Jovan**, Maletić Milan, Glavinić Uroš, Marinković Miroslav, Radukić Željko, Stanimirović Zoran (2024) Influence of supplemented nutrition on the motility and epigenetic-related gene expression of boar sperm. Proceedings of the 27th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR), Sept 12–14, Belgrade, Serbia.
3. Ristanić 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.
4. Stefan Jelisic, 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. Maletić Milan, Prodanović Radiša, Kureljušić Branislav, **Blagojević Jovan**, Džakula Sofija, Milovanović Bojan (2024) Uloga metaboličkih stresora u nastanku supkliničkog endometritisa kod krava. Zbornik radova i kratkih sadržaja, 35. Savetovanje veterinara Srbije, Sept 06-08, pp. 159-172, Zlatibor, Srbija
6. Maletić Milan, Vakanjac Slobodanka, Magaš Vladimir, Đurić Miloje, Stanišić Ljubodrag, Marinković Miroslav, Nedić Svetlana, **Blagojević Jovan** (2024) Cytomorphological characteristics of spermatozoa of boars of different breeds, Zbornik kratkih sadržaja 21. simpozijuma Zdravstvena zaštita, selekcija i reprodukcija svinja, Srebrno jezero, 13 - 14. jun. 2024, 2024, 202-207, Veliko Gradište, Srbija.
7. Rajković Milan, Glavinić Uroš, Bogunović Danica, Jovanović M. Nemanja, Ristanić Marko, **Blagojević Jovan**, Stanimirović Zoran (2024) Assessment of the effect of infection caused by nematode *dirofilaria immitis* and applied antiparasitic therapy on the degree of DNA damage in dogs. XXVI Simpozijum epizootiologa i epidemiologa (Epizootiološki dani), Banja Koviljača, 10 - 12. april 2024, 2024, 36-37.
8. Maletić Milan, **Blagojević Jovan**, Vakanjac Slobodanka, Magaš Vladimir, Ristanić Marko, Belobrković Vukašin, Jovanović Rade (2023) Application of modern technologies in managing the reproduction of high-producing dairy cows, Proceeding of the Symposium “33. Savetovanje veterinara Srbije”, Sept 07-10, pp. 45-52, Zlatibor, Serbia.
9. Glavinić Uroš, Ristanić Marko, Jelisić Stefan, **Blagojević Jovan**, Jovanović Nemanja, Stevanović Jevrosima, Stanimirović Zoran (2023) Mechanisms of medicinal effect of propolis in animal apitherapy. Proceeding of the Symposium “33. Savetovanje veterinara Srbije”, Sept 07-10, pp. 290-298, Zlatibor, Serbia.

10. Slobodanka Vakanjac, Svetlana Nedić, Vladimir Magaš, **Jovan Blagojević**, Milan Maletić (2023) Mogućnost krioprezervacije reproduktivnog materijala autohtonih vrsta domaćih životinja u očuvanju animalnih genetičkih resursa, Zbornik radova i kratkih sadržaja, IV simpozijum Zaštita agrobiodiverziteta i očuvanje autohtonih rasa domaćih životinja, 29. 06. –01. 07., pp 375-380, Dimitrovgrad, Srbija.
11. Maletić Milan, **Jovan Blagojević**, Ivan Stančić, Ivan Galić, Dragan Ristevski (2023) Efikasnost primene prirodnih i sintetskih prostaglandina u indukciji prašenja – naša iskustva, Zbornik radova 20. simpozijuma zdravstvena zaštita, selekcija i reprodukcija svinja, 02.-03. jun, Srebrno jezero, Veliko Gradište, Srbija.
12. Ristanić Marko, Zorc Minja, Glavinic Uroš, **Blagojević Jovan**, Maletić Milan, Dovč Peter, Stanimirović Zoran (2022) Identification of the selection signature of production and reproductive traits and the degree of genomic inbreeding in the population of Serbian Holstein-Friesian cows. Proceeding of the Symposium “33. Savetovanje veterinara Srbije”, Sept 08-11, pp. 85-96, Zlatibor, Serbia.
13. Maletić Milan, Magaš Vladimir, Vakanjac Slobodanka, Maletić Jelena, Milovanović Bojan, **Blagojević Jovan** (2022) Causes and consequences of ovarian dysfunction in cows, Book of Abstracts, 26. Annual Counselling of Doctors of Veterinary Medicine of Republic of Srpska (Bosnia and Hercegovina) International Scientific Meeting, Trebinje, Grad Sunca, 15.-18. June 2022.
14. Maletić Milan, Vakanjac Slobodanka, Stanimirović Zoran, **Blagojević Jovan** (2022) The possibility of using frozen boar sperm by modifying the basic part of the extender, Book of abstracts 19. Symposium “Zdravstvena zaštita, selekcija i reprodukcija svinja“, 02.-03. June. Srebrno jezero, Veliko Gradište, Serbia.
15. Maletić Milan, Radinović Miodrag, Stančić Ivan, Cincović Marko, Vakanjac Slobodanka, **Blagojević Jovan**, Đorđević Milan (2022) Application of estrus and ovulation resynchronization protocols in cows in order to improve their reproductive efficiency. Proceeding of the Symposium “Zdravstvena zaštita i reprodukcija životinja”, May 14, pp 1-7, Novi Sad, Serbia.
16. Glavinic Uros, Jovanović Nemanja, **Blagojević Jovan**, Ristanic Marko, Stevanovic Jevrosima, Dominikovic Nina, Stanimirovic Zoran (2022) Use of thymol for *Nosema* control, Book of abstracts, XXIV Symposium of epizootologist and epidemiologist, 27-29. April 2022. Subotica, Serbia.
17. Maletić Milan, Vakanjac Slobodanka, **Blagojević Jovan** (2021) Protokoli za sinhronizaciju estrusa nazimica i krmača. 18. Simpozijum Zdravstvena zaštita, selekcija i reprodukcija svinja, Beograd, 15 - 16 oktobar, 2021, 2021, 73-73.
18. Maletić Milan, Pavlović Miloš, Magaš Vladimir, Đurić Miloje, Stanišić Ljubodrag, Vakanjac Slobodanka, **Blagojević Jovan** (2021) Reproductive disorders in cows caused by ovarian changes - is it always as it seems?. Proceeding of the Symposium “32. Savetovanje veterinara Srbije”, pp. 83-91, Zlatibor, Serbia.
19. Stefan Đoković, Lazar Marković, **Blagojević Jovan** (2021) Normal values of basic physiological parameters in the Balkan donkey on Stara planina, Proceeding of the 3. Symposium „Zaštita agrobiodiverziteta i očuvanje autohtonih rasa domaćih životinja“, June 25–27, pp 375-380, Dimitrovgrad, Serbia.
20. Maletić Milan, Savić Đorđe, Budimir Braženko, **Blagojević Jovan**, Bajagić Bojana (2021) Application of Cytotape techniques and methods of vaginal mucus inspection in the diagnosis of subclinical endometritis (SEM), Book of Abstracts, 26. Annual Counselling of Doctors of Veterinary Medicine of Republic of Srpska (Bosnia and Hercegovina) International Scientific Meeting, Teslić, Banja Vrućica, 9.-21. June 2021

21. Maletić Milan, Đurić Miloje, Đorđević Milan, **Blagojević Jovan** (2021) Reproductive monitoring and practical application of hormonal protocols on a dairy cow farm. Zbornik predavanja XLII Seminara za inovacije znanja veterinara, Feb 19, pp 81-91, Belgrade, Serbia.
22. **Blagojević Jovan**, Jovanović Ljubomir, (2018) Investigation of physiological variations of vaginal microflora in bitches depending on the phase of the estrous cycle. Book of abstracts, 58th Congress of students of biomedical sciences of Serbia with international participation. April 22 – 26. 2018. pp. 186, Kopaonik, Serbia.