Curriculum Vitae

DUŠAN M. BOŠNJAKOVIĆ

DOCTOR OF VETERINARY MEDICINE (DVM)

PERSONAL INFORMATION

Name and Surname	Dušan M. Bošnjaković
Date of Birth	23. 11. 1995.
Residence	Stara Pazova, Republic of Serbia
Citizenship	Republic of Serbia

CONTACT INFORMATION

Phone Number	+381 62 161 09 28
E-mail	dusan.bosnjakovic@vet.bg.ac.rs; dusanbosnjakovic1@gmail.com

EDUCATION

2010 – 2014	Agricultural High School - Veterinary Technician (the best student of the generation).
2014 – 2020	Integrated Academic Studies, Faculty of Veterinary Medicine, University of Belgrade (grade point average: 9.61).
2020 – now	PhD Studies, Faculty of Veterinary Medicine, University of Belgrade.

PROFESSIONAL EXPERIENCE

2021 – now	Research Trainee, Department of Physiology and Biochemistry, Faculty of Veterinary Medicine, University of Belgrade.
2022 – now	Teaching Assistant, Department of Physiology and Biochemistry, Faculty of Veterinary Medicine, University of Belgrade.

SCHOLARSHIPS AND AWARDS

2015 – 2016	Scholarship of the Ministry of Education, Science and Technological Development, Republic of Serbia.
2017 – 2020	Scholarship of the Municipality of Stara Pazova.
April 2018	The best student scientific research work in the session of chemistry and biochemistry, entitled „Significance of diagnostic parameters used for early detection of peripartal diseases of dairy cows“ and presented at 59th Serbian Students Conference of Biomedical Sciences with International Particitaption, Kopaonik, Republic of Serbia. The presentation is available on request.
Jun 2020	The best student scientific research work, entitled „Acid-base status, electrolyte balance and oxidative status in dairy cows at different phases of the production cycle“ and presented at10th Conference of Center for Scientific Research Work of Students, Faculty of Veterinary Medicine, University of Belgrade. The presentation is available on request.

PROFESSIONAL SKILLS

- Environmental conditions assessing to study their effects on the various physiological parameters/functions of dairy cows and newborn calves (published original research article – Trifković et al., 2021).
- Biological fluids sampling (blood, urine, milk, ruminal fluid, etc.) and physiological parameters assessing in all categories of large ruminants (conducting research already as an undergraduate student, he mastered most of these; see awarded student scientific research works above, but also research articles published by Kirovski et al., 2021 and Jovanović et al. 2021).
- Muscle tissue sampling of dairy cows.
- Laboratory techniques for biological materials (blood, urine, milk, ruminal fluid, etc.) processing (conducting research already as an undergraduate student, he mastered most of these; see awarded student scientific research works above, but also research articles published by Kirovski et al., 2021 and Jovanović et al. 2021).
- Work on modern analytical equipment: hematological analyzers, biochemical analyzers, spectrophotometers, devices for acid-base analysis of biological fluids, gas analyzer for methane emissions measuring (conducting research already as an undergraduate student, he mastered most of these; see awarded student scientific research works above, but also research articles published by Kirovski et al., 2021 and Jovanović et al. 2021).
- Writing and presenting scientific research papers (already as an undergraduate student, he wrote and presented scientific research works at conferences).
- Creating, building and organizing e-learning platforms (DEVet project platform is available on the link: https://devet.vet.bg.ac.rs/; see list of projects below).
- Creating projects' visual identity (website, logos, illustrations, videos, etc).

- Conducting project promotion/dissemination activities (DEVet project; see list of projects below).
- Project administration and reports writing (DEVet project, see list of projects below).

USE OF DIGITAL TECHNOLOGIES

- Advanced use of computers and MS Office package.
- Adobe Illustrator.
- CorrelDRAW® Graphic Design Software.
- Movavi Video Editor Plus (Movavi Multimedia Software).
- WordPress Website Builder.

PUBLICATIONS

M20

- Trifković J, Jovanović Lj, **Bošnjaković Dušan**, Savić D, Stefanović, Krajišnik T, Sladojević Ž, Kirovski D, Summer Season-Related Heat Stress Affects the Mineral Composition of Holstein Dams' Colostrum, and Neonatal Calves' Mineral Status and Hematological Profile. Biological Trace Element Research 2022, 200(5), 2122-2134, DOI: 10.1007/s12011-021-02834-8 (IF_{2021}=4.081).
- **Bošnjaković Dušan**, Kirovski D, Prodanović R, Vujanac I, Arsić S, Stojković M, Dražić S, Nedić S, Jovanović Lj, Methane Emission and Metabolic Status in Peak Lactating Dairy Cows and Their Assessment via Methane Concentration Profile. Acta Veterinaria-Beograd 2023, 73 (1), 71-86, DOI: 10.2478/acve-2023-0006 (IF_{2021}=1.000).

M30

- Kirovski D, Knežević D, Golić B, Kasagić D, Jovanović Lj, **Bošnjaković Dušan**, Trifković J, Sladojević Ž, Cow milk insulin like growth factor-1: risk or benefit for human health. Proceedings of the XII International Scientific Agricultural Symposium „Agrosym 2021“, Oct 7-10, 2021, pp. 1196-1203, Jahorina, Bosnia and Herzegovina.
- Kirovski D, Jovanović Lj, Stojić M, **Bošnjaković Dušan**, Dražić S, Prodanović R, Nedić S, Vujanac I, Tesholds of dry cow blood variables obrained by receiver operating characteristic analysis for indication of milk production during early lactation. Book of abstracts of the 31st World Buiatric Congress, Sept 4-8 2022, p. 36, Madrid, Spain.

M50

- Jovanović Lj, Nedić S, **Bošnjaković Dušan**, Milanović S, Stojić M, Vujanac I, Prodanović R, Kirovski D, Acid-base, electrolyte and oxidative status in dairy cows at different stages of the production cycle. Veterinarski glasnik 2021 (00), 4-4. DOI:10.2298/VETGL210130004J.
- **Bošnjaković Dušan**, Petrović A, Valčić O, Jovanović I, Milanović S, Uticaj različitih temperatura skladištenja na aktivnost glutation peroksidaze eritrocita i plazme ovaca. Veterinarski žurnal Republike Srpske 2018, 18 (1), 182-191. DOI:10.7251/VETJ1801038B.

M60

- Sladojević Ž, Knežević D, **Bošnjaković Dušan**, Jovanović Lj, Stojić M, Dražić S, Kirovski D, Estrogeni u konzumnom mleku dobijenom od gravidnih krava – potencijalni rizik po zdravlje ljudi? Zbornik predavanja sa XII Naučnog simpozijuma REPRODUKCIJA DOMAĆIH ŽIVOTINJA, Okt 7-10, 2021, str. 83-91, Divčibare, Srbija.
- Kirovski D, Jovanović Lj, **Bošnjaković Dušan**, Stojić M, Prodanović R, Nedić S, Vujanac I, Emisija metana sa farmi visokomlečnih krava – potencijalni rizik za životnu sredinu. Zbornik predavanja XLIII Seminara za inovacije znanja veterinara, Feb 25, 2022, str. 34-45, Beograd, Srbija.
- Knežević D, Nedić S, Jovanović Lj, **Bošnjaković Dušan**, Golić B, Kasagić D, Kirovski D, Sladojević Ž, Kortizol mleka kao indikator stresa kod krava. XXVI GODIŠNJE SAVJETOVANJE DOKTORA VETERINARSKE MEDICINE REPUBLIKE SRPSKE (BOSNA I HERCEGOVINA), Jun 9-12, 2021, str. 141-142, Teslić, Banja Vrućica, Bosna i Hercegovina.
- Kirovski D, Knežević D, Vujanac I, Jovanović Lj, **Bošnjaković Dušan**, Nedić S, Sladojević Ž, Hormoni u mleku krava i njihov uticaj na javno zdravlje. XXVII GODIŠNJE SAVJETOVANJE DOKTORA VETERINARSKE MEDICINE REPUBLIKE SRPSKE (BOSNA I HERCEGOVINA), Jun 15-18, 2022, str. 356-357, Trebinje, Republika Srpska, Bosna i Hercegovina.
- Kirovski D, Nedić S, Jovanović Lj, Prodanović R, Stojković M, Bošnjaković Dušan, Vujanac I, Modulacijom metabolizma krava do ekološki prihvatljive proizvodnje na govedarskim farmama. Zbornik radova i kratkih sadržaja XXXIII Savetovanja veterinara Srbije, Sept 8-11, 2022, str. 219-229, Zlatibor, Srbija.
- Stojković M, Jovanović Lj, Vujanac I, Nedić S, Bošnjaković Dušan, Dražić S, Kirovski D, Biološki markeri toplotnog stresa i mogućnost njihove upotrebe u predikciji proizvodno-reproduktivnih parametara kod visokomlečnih krava. Zbornik predavanja sa XII Naučnog simpozijuma REPRODUKCIJA DOMAĆIH ŽIVOTINJA, Okt 6-9, 2022, str. 47-55, Divčibare, Srbija.

PROJECTS

2019 – 2022	ERASMUS KA2 project "Shepherd Bridge" No. 2019-1-TR01-KA202-077190.
2021 – 2022	ERASMUS KA2 project "Digital Education in Veterinary Studies – DEVet", No. 2020-1-RS01-KA226-HE-094555.
2021 – now	Institutional funding project, supported by the Ministry of Education, Science and Technological Development, Republic of Serbia (Contract number 451-03-68/2022-14/200143).
2022 – now	IDEAS program, Science Fund of the Republic of Serbia project "Mitigation of methane production from dairy cattle farm by nutritive modulation of cow`s metabolism" 7750295.

LANGUAGES

- Serbian (mother tongue)
- English (B2 level)