

Dr Aleksandar Božić, redovni profesor

Uža naučna oblast: Anatomija, histologija i fiziologija životinja

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Obrazovanje

- **Dipl. inž. (1986)** - Poljoprivredni fakultet u Novom Sadu, smer - Stočarstvo
- **Magistar nauka (1993)** - Poljoprivredni fakultet, u Novom Sadu, smer – Ishrana domaćih životinja
- **Doktor nauka (1997)** - Poljoprivredni fakultet u Novom Sadu, Doktorska disertacija: „Uticaj porekla masnih kiselina hrane na masnokiselinski sastav i aterogeni potencijal mišićnog i masnog tkiva tovnih pilića”

Odabrane publikacije

1. **Božić A.**, Anderson R., Carstens G., Ricke S., Callaway T., Yokoyama M., Wang J.: Effects of the methane-inhibitors nitrate, nitroethane, lauric acid, Lauricidin and the Hawaiian marine algae *Chaetoceros* on ruminal fermentation in vitro. *Bioresource Technology*, ISSN 0960-8524, str.4017-4025, 2009.
2. Anderson R., **Božić A.**, Callaway T., Jung Y., Genovese K., Edrington T., Harvey R., McReynolds J., Byrd J., Nisbet D.: On farm Interventions to reduce Epizootic Bacteria in Food Producing Animals and the Environment. Editors Steven C. Ricke, Frank T. Jones, Perspectives on Food Safety Issues of Animal Derived Foods, str.49-62, Fayetteville, University of Arkansas, 2010.
3. **Aleksandar K. Božić**, Robin C. Anderson, Todd R. Callaway, David J. Nisbet, Steven C. Ricke, Philip G. Crandall, Corliss A. O'Bryan In Vitro Comparison of Nitroethane, 2-Nitro-1-Propanol, Lauric Acid, Lauricidin® and the Hawaiian Marine Algae, *Chaetoceros* Activity Against Anaerobically Grown *Staphylococcus aureus*. *The International Journal of Applied Research in Veterinary Medicine* Vol. 8, No. 3, 180-184 2010.
4. Stančić, I., Stančić, B., **Božić, A.**, Anderson, R., Hervey, R., Gvozdić, D.: Ovarian activity and uterus organometry in delayed puberty gilts. *Theriogenology*, 76:1022-1026, 2011.
5. **Aleksandar K. Božić**, Robin C. Anderson, Steven C. Ricke, Philip G. Crandall and Corliss A. O'Bryan: Comparison of nitroethane, 2-nitro-1-propanol, lauric acid, Lauricidin and the Hawaiian marine algae, *Chaetoceros*, for potential broad-spectrum control of anaerobically grown lactic acid bacteria. *Journal of environmental science and health, part B – pesticides food contaminants and agricultural wasters*, (vol.47 br. 4, str. 269-274, 2012).

Odabrani projekti

1. Razvoj i primena novih biotehnologija za povećanje proizvodnje kvalitetnog svinjskog mesa – Ministarstvo nauke i obrazovanja - TR 20087 - učesnik
2. Unapređenje tehnologije veštačkog osemenjavanja svinja – Pokrajinski sekretarijat za nauku - učesnik
3. Povećanje reproduktivne efikasnosti nerastova na vojvođanskim farmama – Pokrajinski sekretarijat za nauku - učesnik
4. Primena različitih odgajivačko-seleksijskih i biotehnoških metoda u cilju oplemenjivanja svinja – Ministarstvo nauke i obrazovanja - TR 31081 – učesnik
5. Biotehnologija u regulaciji proizvodnog i reproduktivnog statusa i zdravstvenog stanja kod visoko mlečnih krava - Ministarstvo nauke i obrazovanja - TR 31050 – učesnik

Akadske aktivnosti

- **Nastava** iz uže naučne oblasti Anatomija, histologija i fiziologija životinja na osnovnim akademskim, master i doktorskim studijama
- **Mentor** 1 doktorske disertacije, 1 magistarske teze i 5 diplomskih radova. Učesnik je u većem broju komisija za odbranu na svim nivoima studija.

Ostale aktivnosti

- Predavač na Biotehničkom fakultetu Univerziteta u Podgorici, Crna Gora
- Govori, čita i piše engleski, služi se ruskim jezikom

Professor Aleksandar Bozic, Ph.D.

Field of research: Anatomy, histology and physiology of animals

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Academic qualifications

- **B.Sc.** (1986) - University of Novi Sad, Faculty of Agriculture
- **M.Sc.** (1993) - University of Novi Sad, Faculty of Agriculture
- **Ph.D.** (1997) - University of Novi Sad, Faculty of Agriculture

Selected publications

1. **Božić A.**, Anderson R., Carstens G., Ricke S., Callaway T., Yokoyama M., Wang J.: Effects of the methane-inhibitors nitrate, nitroethane, lauric acid, Lauricidin and the Hawaiian marine algae Chaetoceros on ruminal fermentation in vitro. *Bioresource Technology*, ISSN 0960-8524, str.4017-4025, 2009.

2. Anderson R., **Božić A.**, Callaway T., Jung Y., Genovese K., Edrington T., Harvey R., McReynolds J., Byrd J., Nisbet D.: On farm Interventions to reduce Epizootic Bacteria in Food Producing Animals and the Environment. Editors Steven C. Ricke, Frank T. Jones, Perspectives on Food Safety Issues of Animal Derived Foods, str. 49-62, Fayetteville, University of Arkansas, 2010.
3. **Aleksandar K. Božić**, Robin C. Anderson, Todd R. Callaway, David J. Nisbet, Steven C. Ricke, Philip G. Crandall, Corliss A. O'Bryan In Vitro Comparison of Nitroethane, 2-Nitro-1-Propanol, Lauric Acid, Lauricidin® and the Hawaiian Marine Algae, Chaetoceros Activity Against Anaerobically Grown Staphylococcus aureus. The International Journal of Applied Research in Veterinary Medicine Vol. 8, No. 3, 180-184 2010.
4. Stančić, I., Stančić, B., **Božić, A.**, Anderson, R., Hervey, R., Gvozdić, D.: Ovarian activity and uterus organometry in delayed puberty gilts. Theriogenology, 76:1022-1026, 2011.
5. **Aleksandar K. Božić**, Robin C. Anderson, Steven C. Ricke, Philip G. Crandall and Corliss A. O'Bryan: Comparison of nitroethane, 2-nitro-1-propanol, lauric acid, Lauricidin and the Hawaiian marine algae, Chaetoceros, for potential broad-spectrum control of anaerobically grown lactic acid bacteria. Journal of environmental science and health, part B – pesticides food contaminants and agricultural wasters, (vol.47 br. 4, str. 269-274, 2012).

Selected projects

1. Development and application of new biotechnologies to increase the production of quality pork – Ministry of Science and Education - TR 20087 - participant
2. Improving the technology of artificial insemination of pigs – Provincial Secretariat for Science - participant
3. Increasing of reproductive efficiency of boars in farms in Vojvodina – Provincial Secretariat for Science - participant
4. Application of various breeding-selection and biotechnological methods to breeding pigs – Ministry of Science and Education - TR 31081 – participant
5. Biotechnology in the regulation of the production and reproductive status and health of high producing dairy cows - Ministry of Science and Education - TR 31050 – participant

Academic activities

- Teaching at undergraduate, postgraduate and Ph.D. studies (Anatomy, histology and physiology of animals)
- Supervisor of 1 Ph.D. thesis. 1 Magister's thesis, 5 B.Sc. thesis, member in numerous committees

Other activities

- Lecturer at Biotechnical faculty, University of Podgorica, Montenegro
- Language skills: English and Russian