

Dr Zdenko Kanački, vanredni profesor

Uža naučna oblast: Anatomija, histologija i fiziologija životinja

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Obrazovanje

- Dipl. veterinar (2002) - Fakultet veterinarske medicine, Univerzitet u Beogradu
- Magistar nauka (2006) – Poljoprivredni fakultet, Univerzitet u Novom Sadu
- Doktor nauka (2011) - Poljoprivredni fakultet, Univerzitet u Novom Sadu

Odabrane publikacije

1. Perić, Lidija, N. Milošević, D. Žikić, Z. Kanački, N. Džinić, L. Nollet, P. Springs (2009): Effect of selenium sources on performance and meat characteristics of broiler chickens. *J. Appl. Poult. Res.* 18, 3: 403-409.
2. Ušćebrka, G., Stojanović, S., Žikić, D., Kanački, Z. (2010) Morphodynamics of embryonic development of skeletal musculature of broiler and layer chickens. *Avian Biology Research*, 3 (4): 179-186.
3. Kanački, Z., Stojanović, S., Ušćebrka, G., Žikić, D. (2012) The development pattern of IGF-1 (insulin like growth factor-1) protein expression in breast muscle of broiler chickens. *Biotechnology in Animal Husbandry* 28 (4), 797-805.
4. Stojanović, S., Žikić, D., Kanački, Z., Ajdžanović, V., Milošević, V., Ušćebrka, G (2014) The effects of thermal and light exposure on the development of broiler chicken leg musculature. *Archives of Biological Sciences*, 66(4), 1547-1557.
5. Zdenko Kanački, Slobodan Stojanović, Dragan Žikić, Gordana Ušćebrka (2017) Influence of modified incubation factors on meat characteristics of broiler chickens. *Animal Science Papers and Reports*, 35(1), 87-96.

Odabrani projekti

1. Uticaj probiotika i prebiotika na proizvodne performanse i morfofunkcionalne karakteristike tankih creva brojelera. 2008-2011. Projekat br. 114-451-01410/2006-01. (Učesnik)
2. Novi tehnološki postupci u skladu sa dobrobiti živine i zaštitom životne sredine u cilju dobijanja živinskih proizvoda garantovanog i posebnog kvaliteta. TR-20021. 2008-2011. (Učesnik)
3. Održiva konvencionalna i revitalizovana tradicionalna proizvodnja živinskog mesa i jaja sa dodatom vrednošću. TR-31033. 2011-2014. (Učesnik)
4. Ispitivanje uticaja odabira jaja i faktora inkubacije na morfofunkcionalne karakteristike embrionalnog i postnatalnog razvoja u cilju povećanja vijabilnosti fazanskih pilića. Projekat br. 114-451-2023/2011-01. 2011-2014. (Učesnik)

Akadske aktivnosti

- Nastava iz uže naučne oblasti Anatomija, histologija i fiziologija životinja na integrisanim akademskim i doktorskim studijama.

Članstvo u udruženjima

- WPSA-World's Poultry Science Association

Ostale aktivnosti

- Predsednik Etičke komisije za zaštitu dobrobiti oglednih životinja Univerziteta u Novom Sadu
- Govori, čita i piše engleski

Associate Professor Zdenko Kanački, Ph.D.

Field of research: Animal Anatomy, Histology and Physiology

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Academic qualifications

- B.Sc. (2002) - University of Belgrade, Faculty of veterinary medicine
- M.Sc. (2006) - University of Novi Sad, Faculty of Agriculture
- Ph.D. (2011) - University of Novi Sad, Faculty of Agriculture

Selected publications

1. Perić, Lidija, N. Milošević, D. Žikić, Z. Kanački, N. Džinić, L. Nollet, P. Springs (2009): Effect of selenium sources on performance and meat characteristics of broiler chickens. *J. Appl. Poult. Res.* 18, 3: 403-409.
2. Ušćebrka, G., Stojanović, S., Žikić, D., Kanački, Z. (2010) Morphodynamics of embryonic development of skeletal musculature of broiler and layer chickens. *Avian Biology Research*, 3 (4): 179-186.
3. Kanački, Z., Stojanović, S., Ušćebrka, G., Žikić, D. (2012) The development pattern of IGF-1 (insulin like growth factor-1) protein expression in breast muscle of broiler chickens. *Biotechnology in Animal Husbandry* 28 (4), 797-805.
4. Stojanović, S., Žikić, D., Kanački, Z., Ajdžanović, V., Milošević, V., Ušćebrka, G (2014) The effects of thermal and light exposure on the development of broiler chicken leg musculature. *Archives of Biological Sciences*, 66(4), 1547-1557.
5. Zdenko Kanački, Slobodan Stojanović, Dragan Žikić, Gordana Ušćebrka (2017) Influence of modified incubation factors on meat characteristics of broiler chickens. *Animal Science Papers and Reports*, 35(1), 87-96.

Selected projects

1. Influence of probiotics and prebiotics on production performances and morphofunctional characteristics of intestinum of broiler chickens. 2008-2011. 114-451-01410/2006-01. (Participant)
2. New production processes in accordance with animal welfare and environmental protection in order to obtain poultry products of guaranteed and special quality. TR-20021. 2008-2011. (Participant)
3. Sustainable conventional and revitalized traditional production of poultry meat and eggs with added value. TR-31033. 2011-2014. (Participant)
4. Examination of influence of eggs selection and incubation factors on morphofunctional characteristics of embryonic and postnatal development in order to increase the viability of pheasant chickens. 114-451-2023/2011-01. 2011-2014. (Participant)

Academic activities

- Teaching at undergraduate and PhD studies

Memberships

- WPSA - World's Poultry Science Association

Other activities

- President of Ethics Commission for the protection of animals used for scientific purposes, University of Novi Sad
- Language skills: English