Справка за научните трудове
на гл. ас. д-р Иван Росенов Фасулков

I. Научни трудове за придобиване на образователна и научна степен „Доктор“:

- **Fasulkov**, **I. R.**, P. I. Georgiev, A. L. Antonov, A. S. Atanasov, 2010. B-mode ultrasonography of mammary glands in goats during the lactation period. *Bulgarian Journal of Veterinary Medicine*, 13 (4), 245-251.
- **Fasulkov, I.**, M. Koleva, 2011. Ultrasound imaging findings in acute mammary gland inflammations in goats. *Journal of Mountain Agriculture on the Balkans*, 14 (2), 210-221.
- **Fasulkov, I.**, 2012. Ultrasonography of the mammary gland in ruminants: a review. *Bulgarian Journal of Veterinary Medicine*, 15 (1), 1-12. **SJR = 0.108**
- **Fasulkov, I.**, S. Yotov, A. Atanasov, A. Antonov, 2013. Evaluation of different techniques of teat ultrasonography in goats. *Journal of the Faculty of Veterinary Medicine Istanbul University*, 39 (1), 33-39. **SJR = 0.135**

II. Научни трудове, свързани с физиология и патология на репродукцията при продуктивните животни:

1. Miteva, R., S. Yotov, P. Georgiev, **I. Fasulkov**, 2006. Determination of species specificity of prostate-specific antigen (PSA) in semen. *Trakia Journal of Sciences*, 4 (3), 64-68.

2. Yotov, S., D. Dimitrov, **I. Fasulkov**, 2009. Hydrometra in a sheep after oestrus synchronization and insemination in the anoestral season. *Slovenian Veterinary Research*, 46 (4), 143-147. **SJR = 0.118**

3. Miteva, R., D. Zapryanova, **Iv. Fasulkov**, S. Yotov, T. Mircheva, 2010. Investigations on acid phosphatase activity in the seminal plasma of humans and animals. *Trakia Journal of Sciences*, 8 (2), 20-23.

4. Yotov, S., **I. Fasulkov**, N. Vassilev, 2011. Effect of ejaculation frequency on spermatozoa survival in diluted semen from Pleven Blackhead rams. *Turkish Journal of Veterinary and Animal Sciences*, 35 (2), 117-122. **IF = 0.236**

5. Atanasov, A., S. Yotov, A. Antonov, **I. Fasulkov**, 2012. Effect of ovarian structures upon the clinical signs of estrus and conception rates in Bulgarian Murra buffaloes after

synchronization of estrus and ovulation. *Asian Journal of Animal and Veterinary Advances*, 7 (12), 1364-1371. **SJR = 0.566**

6. **Fasulkov, I.**, 2014. Ultrasonography of uterine involution in goats. *Journal of the Faculty of Veterinary Medicine Istanbul University*, 40 (1), 63-69. **SJR = 0.148**

7. **Фасулков, И.**, 2014. Проучване на някои биохимични показатели при Български местни кози през следродилния период. *Животновъдни науки*, LI, 4, 25-28.

8. Karadaev, M., **I. Fasulkov**, N. Vasilev, E. Mladenova, 2014. Ultrasonographic measurements for determination of foetal age (foetometry) in goat. *Journal of Mountain Agriculture on the Balkans*, 17 (4), 861-876.

9. Vasilev, N., T. Uzunov, V. Ivanov, **I. Fasulkov**, R. Vasileva, 2014. Productive and reproductive recovery of dairy cows after displaced abomasum. *Bulgarian Journal of Veterinary Medicine*, 17 (Suppl. 1), 21-22.

10. Karadaev, M., **I. Fasulkov**, N. Vasilev, N. Dimitrov, 2014. Ultrasound measurements for monitoring of the second and third trimester of gestation in Bulgarian local goats. *Bulgarian Journal of Veterinary Medicine*, 17 (Suppl. 1), 43-44.

11. Karadaev, M., **I. Fasulkov**, N. Vasilev, Y. Petrova, A. Tumbev, Y. Petelov, 2016. Ultrasound monitoring of the first trimester of pregnancy in local goats through visualisation and measurements of some biometric parameters. *Bulgarian Journal of Veterinary Medicine*, 19 (3), 209-217. **SJR = 0.149**

12. Naglis, G., **I. Fasulkov**, M. Karadaev, R. Vasileva, G. Petrovas, N. Vasilev, 2017. First-service conception rates in anestrus dairy cows after Double-Ovsynch and additional progesterone treatment. *Bulgarian Journal of Veterinary Medicine*, 20 (Suppl. 1), 291-296.

13. Hristov, K., P. Parvanov, N. Vasilev, **I. Fasulkov**, M. Karadaev, 2017. Effect of non-hormonal agents Tribestan and Lactina® on the sexual behaviour and quality of semen in rams during nonbreeding season. *Bulgarian Journal of Veterinary Medicine*, 20 (Suppl. 1), 297-301.

14. Naglis, G., **I. Fasulkov**, M. Karadaev, R. Vasileva, G. Petrovas, N. Vasilev, 2018. Comparison of hCG vs GnRH effects in Double Ovsynch on first-service conception rates in anestrus dairy cows. *Tradition and Modernity in Veterinary Medicine*, Vol. 3, No 1 (4), 70-76.

15. Karadaev, M., **I. Fasulkov**, S. Yotov, S. Atanasova, N. Vasilev, 2018. Determination of the gestational age through ultrasound measurements of some uterine and foetal parameters in Bulgarian local goats. *Reproduction in Domestic Animals*, 53, 1456-1465. **IF = 1.422**

16. Karadaev, M., **I. Fasulkov**, R. Vasileva, N. Vasilev, 2019. Use of hormonal and ultrasonographic examinations to determine the fetal number in Bulgarian local goats. *Macedonian Veterinary Review*, 42 (1), 35-42. **SJR = 0.195**

17. Karadaev, M., **I. Fasulkov**, N. Vasilev, K. Hristov, I. Fedev, 2019. Three-dimensional (3D) ultrasound investigations for monitoring of the second and third pregnancy trimester in goats. *Tradition and Modernity in Veterinary Medicine*, Vol. 4, No 2 (7), 72-76.

18. Yotov, S., M. Karadaev, A. Atanasov, **I. Fasulkov**, A. Antonov, E. Kistanova, 2019. Effect of extenders containing glycerol and egg yolk on motility and viability of chilled ram semen collected during non-breeding season. *International Journal of Current Microbiology and Applied Sciences*, 8 (5), 588-596.

19. Yotov, S., **I. Fasulkov**, 2020. Biometric indicators, testicular parameters and semen characteristics in peripubertal and postpubertal Pleven Blackhead rams. *Advances in Animal and Veterinary Sciences*, 8 (2), 217-222. **SJR = 0.183**

20. Mileva, R., M. Karadaev, **I. Fasulkov**, T. Petkova, N. Rusenova, N. Vasilev, A. Milanova, 2020. Oxytetracycline pharmacokinetics after intramuscular administration in cows with clinical metritis associated with *Trueperella pyogenes* infection. *Antibiotics*, 9, 392, doi:10.3390/antibiotics9070392. **IF = 4.639**

21. Yotov, S., A. Atanasov, **I. Fasulkov**, M. Karadaev, A. Antonov, P. Georgiev, E. Kistanova, 2020. Sperm motility and viability of chilled ram semen collected by artificial vagina and electroejaculation. *Veterinarija ir Zootechnika*, 78 (100), 45-49. **SJR = 0.146**

22. Илиева, Й., П. Пенчев, И. Фасулков, Р. Ненова, Н. Василев, 2020. Заплодяемост на малакини от породата Българска Мурра след приложение на Ovsynch протокол през неразмножителния сезон. Сборник от електронна юбилейна научна конференция с международно участие „Животновъдната наука – предизвикателства и иновации“, 5 ноември 2020 год., Костинброд, стр. 279-286. ISBN: 978-619-90918-4-5; eISBN: 978-619-90918-5-2.

23. **Fasulkov, I.**, M. Karadaev, N. Vasilev, K. Hristov, I. Fedev, 2021. Doppler ultrasound measurements of the blood flow velocity in the fetal heart and aorta in Bulgarian White milk goats. *Veterinary Medicine and Science*, 7 (4), 1297-1302. **IF = 1.772**

24. Ilieva, Y., N. Vasilev, **I. Fasulkov**, P. Penchev, D. Abadjieva, V. Mladenova, A. Ilyazova, D. Mihaylova, S. Yotov, E. Kistanova, 2021. Resumption of cyclic ovarian activity by herbal preparation AyuFertin in Bulgarian Murrah buffaloes at early postpartum. *Animals*, 11, 420. **IF = 3.231**

25. Karadaev, M., **I. Fasulkov**, N. Vasilev, S. Atanasova, 2021. The use of ultrasonographic measurement of the heart size and fetal heart rate variation for gestational age determination in local Bulgarian goats. *Veterinary Medicine and Science*, 7 (5), 1736-1742. **IF = 1.772**

26. **Fasulkov, I.**, S. Yotov, M. Karadaev, N. Vasilev, 2021. Application of transvaginal ultrasonography for estimation of the fetal number in Bulgarian White milk goats. International Journal of Applied Research in Veterinary Medicine, 19 (1), 1-7. **IF = 0.086**

III. Научни трудове, свързани с физиология и патология на репродукцията при еднокопитните животни:

27. Василев, Н., А. Атанасов, А. Антонов, **И. Фасулков**, А. Веренд, 2013. Индуциране на еструс при местни породи магарици след третиране с GnRH и hCG. *Животновъдни науки*, L, 2, 49-54.

IV. Научни трудове, свързани с физиология и патология на репродукцията при животните за компания:

28. **Fasulkov, I.**, A. Atanasov, A. Antonov, 2013. Anogenital cleft in a bitch – a case report. *Slovenian Veterinary Research*, 50 (1), 31-34. **IF = 0.314**

29. Goericke-Pesch, S., P. Georgiev, **I. Fasulkov**, A. Vodenicharov, A. Wehrend, 2013. Basal testosterone concentrations after the application of a slow-release GnRH agonist implant are associated with a loss of response to buserelin, a short-term GnRH agonist, in the tom cat. *Theriogenology*, 80, 65-69. **IF = 1.845**

30. **Фасулков, И.**, П. Георгиев, Ж. Савова, 2013. Адренален болестен комплекс при порове. *Ветеринарна сбирка*, 4-5, 52-55.

31. **Fasulkov, I.**, A. Atanasov, A. Antonov, 2014. A clinical case of foetal maceration and posttraumatic uterine rupture in a bitch. *Journal of the Faculty of Veterinary Medicine Istanbul University*, 40 (2), 264-269. **SJR = 0.148**

32. Antonov, A., **I. Fasulkov**, R. Simeonov, 2014. A clinical case of unilateral ovarian dysgerminoma and pyometra in a bitch. *Macedonian Veterinary Review*, 37 (2), 179-183. **SJR = 0.105**

33. **Фасулков, И.**, 2014. Мониторинг на бременността при кучето. *Ветеринарна сбирка*, 2-3, 50-56.

34. Antonov, A., A. Atanasov, **I. Fasulkov**, P. Georgiev, S. Yotov, M. Karadaev, N. Vasilev, 2015. Influence of some factors on the incidence of pyometra in the bitch in Bulgaria. *Bulgarian Journal of Veterinary Medicine*, 18 (4), 367-372. **SJR = 0.177**

V. Научни трудове, свързани с физиология и патология на млечната жлеза при животните:

35. **Fasulkov, I.**, 2011. Application of ultrasonography for diagnostics of teat disorders in ruminants. *Journal of Mountain Agriculture on the Balkans*, 14 (2), 188-199.

36. Lazarov, L., T. M. Georgieva, **I. Fasulkov**, F. Dilda, A. Scarafoni, L. Azzini, F. Ceciliani, 2013. The acute phase reaction in goats after experimentally induced E. coli mastitis: a proteomic approach. Farm Animal Proteomics, Wageningen Academic Publishers, The Netherlands, pp. 139-142.

37. **Fasulkov, I.**, N. Vasilev, M. Karadaev, G. Dineva, 2014. Visualization and measurement of teat structures in Black-and-white cows through ultrasonography. *Macedonian Veterinary Review*, 37 (1), 89-93. **SJR = 0.105**

38. **Fasulkov, I.**, M. Karadaev, M. Djabirova, 2014. Ultrasound measurements of teat structures in goats. *Revue de Médecine Vétérinaire*, 165 (5-6), 188-192. **IF = 0.323**

39. **Fasulkov, I.**, P. Georgiev, A. Wehrend, S. Goericke-Pesch, 2014. Ultrasonographic findings of pathological changes in the mammary gland in Bulgarian native goats. *Small Ruminant Research*, 120, 174-180. **IF = 1.125**

40. **Fasulkov, I.**, M. Karadaev, N. Vasilev, V. Urumova, T. Mircheva, 2014. Determination of plasma fibrinogen and haptoglobin, hematological and blood biochemical changes in Bulgarian local goats with experimentally induced *Staphylococcus aureus* mastitis. *Turkish Journal of Veterinary and Animal Sciences*, 38, 439-444. **IF = 0.242**

41. **Fasulkov, I.**, M. Karadaev, N. Vasilev, R. Simeonov, V. Urumova, E. Mladenova, 2015. Ultrasound and histopathological investigations of experimentally induced *Staphylococcus aureus* mastitis in goats. *Small Ruminant Research*, 129, 114-120. **IF = 1.083**

42. Georgieva, T. M., N. Vasilev, M. Karadaev, **I. Fasulkov**, F. Ceciliani, 2018. Field study on plasma haptoglobin concentrations and total milk somatic cell counts in cows with untreated and treated mastitis. *Bulgarian Journal of Veterinary Medicine*, 21 (2), 160-168. **SJR = 0.167**

43. **Fasulkov, I.**, M. Karadaev, N. Vasilev, M. Nikolov, T. Nonov, 2018. Three-dimensional ultrasonography of the mammary gland in lactating cows. *Tradition and Modernity in Veterinary Medicine*, Vol. 3, No 2 (5), 109-113.

44. **Fasulkov, I.**, M. Karadaev, N. Vasilev, M. Nikolov, 2018. Application of colour Doppler and three-dimensional (3D) ultrasonography for visualization of mammary gland structures in goats. *Small Ruminant Research*, 162, 43-47. **IF = 1.210**

45. Dineva, G., K. Peychev, **I. Fasulkov**, 2019. Investigation of basic teat morphological structures in cows by different pulsation parameters. *Bulgarian Journal of Agricultural Science*, 25 (Suppl. 3), 192-195. **SJR = 0.191**

VI. Научни трудове под формата на доклади от конференции на Европейската асоциация по репродукция на животните (ESDAR):

46. **Fasulkov, I.**, S. Yotov, M. Karadaev, N. Vasilev, T. Ileva, T. Nonov, 2017. 3D ultrasound investigation of embryo-fetal development during the first pregnancy trimester in goats. *Reproduction in Domestic Animals*, 52 (Suppl. 3), p. 85. **IF = 1.422**

47. Naglis, G., **I. Fasulkov**, M. Karadaev, R. Vasileva, N. Vasilev, 2017. Prevalence of anoestrus in dairy cows. *Reproduction in Domestic Animals*, 52 (Suppl. 3), pp. 115-116. **IF = 1.422**

48. **Fasulkov, I.**, S. Yotov, M. Karadaev, N. Vasilev, I. Fedev, 2018. Evaluation of transvaginal ultrasonography for early pregnancy diagnosis in Bulgarian White milk goats. *Reproduction in Domestic Animals*, 53 (Suppl. 2), pp. 133-134. **IF = 1.422**

VIII. Научни трудове под формата на учебно помагало:

49. Василев, Н., П. Георгиев, С. Йотов, А. Антонов, А. Атанасов, **И. Фасулков**, 2015. Практическо ръководство по ветеринарно акушерство, репродукция и болести на млечната жлеза. Академично издателство Тракийски университет, Стара Загора. ISBN: 978-954-338-117-3.

50. Василев, Н., П. Георгиев, С. Йотов, А. Антонов, А. Атанасов, **И. Фасулков**, М. Карадаев, 2021. Практическо ръководство по ветеринарно акушерство, репродукция и болести на млечната жлеза, второ преработено издание. Академично издателство Тракийски университет, Стара Загора. ISBN: 978-954-338-173-9.

IX. Научни трудове под формата на монографии:

51. **Фасулков, И.**, 2019. Ултрасонография на репродуктивните органи и млечната жлеза при крави. Издателство КОТА, Стара Загора. ISBN: 978-954-338-117-3. (Хабилитационен труд – монография).

52. **Фасулков, И.**, 2019. Ехография на млечната жлеза при козата. Издателство КОТА, Стара Загора. ISBN: 978-954-305-514-2. (Публикувана книга на базата на защитен дисертационен труд за присъждане на образователна и научна степен "доктор").

Обобщени данни за научните трудове
на гл. ас. д-р Иван Росенов Фасулков

- Общ брой научни трудове: **52**
  - ✓ Научни трудове в списания с импакт фактор и импакт ранг: **30**
  - ✓ Научни трудове в списания без импакт фактор: **22**
  - ✓ Общ импакт фактор от публикации: **23,566**
  - ✓ Общ импакт ранг от публикации: **2,388**
- Самостоятелен и водещ автор в научните трудове: **20**
- Втори и последващ автор в научните трудове: **32**
- Научни трудове под формата на оригинални научни изследвания (*original research article*): **40**
- Научни трудове под формата на литературни обзори с оригинални елементи (*review article*): **2**
- Научни трудове под формата на клинични случаи (*case report*): **4**
- Научни трудове под формата на научно-популярни статии с практическо значение: **2**
- Научни трудове под формата на учебно помагало: **2**
- Научни трудове под формата на монографии: **2**

12.09.2022 г. Изготвил:

гр. Стара Загора /гл. ас. Ив. Фасулков/