
Dr. Farshid Davoodi

DVM, DVSc in Veterinary Surgery

Assistant Professor, Department of Clinical Sciences

Razi University, Kermanshah, Iran

 **Email:** f.davoodi@razi.ac.ir

 **ORCID:** [0000-0003-1420-4306](https://orcid.org/0000-0003-1420-4306)

 **ResearchGate:** [Farshid Davoodi](https://www.researchgate.net/profile/Farshid-Davoodi)

 **Scopus Author ID:** [57211779000](https://www.scopus.com/authid/detail/authid?pid=11779000)



Professional Summary

Dr. Farshid Davoodi is an Assistant Professor of Veterinary Surgery at Razi University. His research focuses on soft tissue surgery, ischemia/reperfusion injury, and innovative therapeutic strategies to prevent postoperative adhesions and tissue damage. He has authored multiple peer-reviewed papers in international journals and serves as a reviewer for several scientific publications in the field of veterinary and biomedical sciences.

Research Interests

Soft tissue surgery • Anesthesia • Equine Surgery • Ischemia/reperfusion • Testicular torsion/detorsion • Preventing postoperative peritoneal adhesions • Wound healing

Education and Qualifications

- **DVSc in Veterinary Surgery (Clinical Sciences)** — *Urmia University, Iran* (2020–2024)
- **DVM (Department of Clinical Sciences)** — *Lorestan University, Iran* (2013–2020)

Employment

- **Assistant Professor**, Department of Clinical Sciences, Razi University, Kermanshah, Iran (2024–Present)

Publications

1. **Effects of Agastache foeniculum essential oil on skin wound healing in mice.** *Tissue and Cell*, 2025. DOI: [10.1016/j.tice.2025.102995](https://doi.org/10.1016/j.tice.2025.102995)
2. **Effects of pyrroloquinoline quinone (PQQ) on skin wound healing in mice.** *Surgery*, 2025. DOI: [10.1016/j.surg.2025.109453](https://doi.org/10.1016/j.surg.2025.109453)
3. **Investigation of the healing effects of D-limonene on ovarian ischemia and reperfusion injury.** *Tissue and Cell*, 2025. DOI: [10.1016/j.tice.2025.102912](https://doi.org/10.1016/j.tice.2025.102912)
4. **Efficacy of silver-doped Carbon dots in Chemical Castration: a rat model study.** *Scientific Reports*, 2024. DOI: [10.1038/s41598-024-75177-8](https://doi.org/10.1038/s41598-024-75177-8)
5. **Effects of linalool on postoperative peritoneal adhesions in rats.** *Naunyn-Schmiedeberg's Archives of Pharmacology*, 2024. DOI: [10.1007/s00210-024-02943-w](https://doi.org/10.1007/s00210-024-02943-w)
6. **Unusual left colon displacement and clockwise torsion in a 10-month-old Arab filly: A case report.** *Veterinary Medicine and Science*, 2024. DOI: [10.1002/vms3.1481](https://doi.org/10.1002/vms3.1481)
7. **D-limonene inhibits peritoneal adhesion formation in rats via anti-inflammatory, anti-angiogenic, and antioxidative effects.** *Inflammopharmacology*, 2024. DOI: [10.1007/s10787-023-01417-4](https://doi.org/10.1007/s10787-023-01417-4)
8. **Study on the effect of medicinal leech therapy on full-thickness excisional wound healing in the animal model.** *Research in Veterinary Science*, 2022. DOI: [10.1016/j.rvsc.2022.10.015](https://doi.org/10.1016/j.rvsc.2022.10.015)
9. **Surgical management of a Salter-Harris type I proximal physeal fracture of the tibia in a foal.** *BMC Veterinary Research*, 2022. DOI: [10.1186/s12917-022-03285-6](https://doi.org/10.1186/s12917-022-03285-6)
10. **Rosmarinic acid prevents post-operative abdominal adhesions in a rat model.** *Scientific Reports*, 2022. DOI: [10.1038/s41598-022-22000-x](https://doi.org/10.1038/s41598-022-22000-x)
11. **Evaluating the effects of betaine on testicular ischemia/reperfusion injury induced by torsion/detorsion in the rat.** *Andrologia*, 2022. DOI: [10.1111/and.14559](https://doi.org/10.1111/and.14559)
12. **A Review on Wound Healing with Iranian Medicinal Plants and Microbial Flora in Veterinary Medicine.** *Iranian Journal of Veterinary Surgery*, 2022. DOI: [10.30500/ivsa.2022.345708.1304](https://doi.org/10.30500/ivsa.2022.345708.1304)
13. **Protective Effects of Rosmarinic Acid on Testicular Torsion-Detorsion in an Animal Model.** *Iranian Journal of Veterinary Surgery*, 2022. DOI: [10.30500/ivsa.2022.327175.1293](https://doi.org/10.30500/ivsa.2022.327175.1293)
14. **Evaluation of diagnostic methods for the detection of Bovine Coronavirus and Rotavirus in feces of diarrheic calves.** *Journal of the Hellenic Veterinary Medical Society*, 2022. DOI: [10.12681/jhvms.23704](https://doi.org/10.12681/jhvms.23704)
15. **Testicular torsions in veterinary medicine.** *Veterinary Research Communications*, 2022. DOI: [10.1007/s11259-021-09873-5](https://doi.org/10.1007/s11259-021-09873-5)
16. **Incidence of iodine deficiency and congenital goitre in goats and kids of Darreh Garm region, Khorramabad, Iran.** *Veterinary Medicine and Science*, 2022. DOI: [10.1002/vms3.661](https://doi.org/10.1002/vms3.661)
17. **Leech therapy (*Hirudo medicinalis*) attenuates testicular damages induced by testicular ischemia/reperfusion in an animal model.** *BMC Veterinary Research*, 2021. DOI: [10.1186/s12917-021-02951-5](https://doi.org/10.1186/s12917-021-02951-5)

18. **Co-administration of Salvia miltiorrhiza and verapamil inhibits detrimental effects of torsion/detorsion on testicular tissue in rats.** *Andrologia*, 2021. DOI: [10.1111/and.14049](https://doi.org/10.1111/and.14049)
 19. **The effect of aqueous extract of Prunus dulcis on tibial bone healing in the rabbit.** *Journal of Orthopaedic Surgery and Research*, 2021. DOI: [10.1186/s13018-021-02498-z](https://doi.org/10.1186/s13018-021-02498-z)
 20. **Salvia miltiorrhiza hydroalcoholic extract inhibits postoperative peritoneal adhesions in rats.** *BMC Complementary Medicine and Therapies*, 2021. DOI: [10.1186/s12906-021-03300-7](https://doi.org/10.1186/s12906-021-03300-7)
 21. **Report of urinary bladder rupture following obstructive urolithiasis in rams of Romanov sheep flock.** *Comparative Clinical Pathology*, 2020. DOI: [10.1007/s00580-020-03165-1](https://doi.org/10.1007/s00580-020-03165-1)
 22. **Investigating the sperm parameters and oxidative stress of Salvia miltiorrhiza hydroalcoholic extract in prevention of testicular ischemia reperfusion damage in rats.** *Theriogenology*, 2020. DOI: [10.1016/j.theriogenology.2020.01.002](https://doi.org/10.1016/j.theriogenology.2020.01.002)
 23. **The effects of verapamil and heparin co-administration on sperm parameters and oxidative stress in prevention of testicular torsion/detorsion damage in rats.** *Andrologia*, 2020. DOI: [10.1111/and.13479](https://doi.org/10.1111/and.13479)
 24. **Nitroglycerin ameliorates sperm parameters, oxidative stress and testicular injury following testicular torsion/detorsion in rats.** *Experimental and Molecular Pathology*, 2020. DOI: [10.1016/j.yexmp.2020.104563](https://doi.org/10.1016/j.yexmp.2020.104563)
 25. **Effects of adult sex ratio on larvae number and survival of fry in Xiphophorus maculatus.** *Journal of Animal Diversity*, 2019. DOI: [10.29252/jad.2019.1.2.5](https://doi.org/10.29252/jad.2019.1.2.5)
 26. **Evaluation of the anesthetic and tranquilizing effects of Clove Powder and Lavender Oil in Convict Cichlid Fish.** *Iranian Journal of Veterinary Surgery*, 2019. DOI: [10.22034/IVSA.2019.193913.1191](https://doi.org/10.22034/IVSA.2019.193913.1191)
-

Peer Review Activity

- *EBioMedicine* (2 reviews)
 - *Heliyon* (4 reviews)
 - *Materials & Design* (1 review)
 - *Surgery* (3 reviews)
 - *Tissue & Cell* (2 reviews)
 - *Veterinary Medicine and Science* (9 reviews)
 - *Scientific Reports* (4 reviews)
-