

Amin Derakhshanfar, DVM, Ph.D

Center of Comparative and Experimental Medicine
Diagnostic Laboratory Sciences and Technology Research Center
Shiraz University of Medical Sciences, Shiraz, Iran
derakhshanfar@sums.ac.ir, aderakhshanfar@yahoo.com



Highlights

- Professor of Comparative Pathology.
- Graduated from a 4 years program of Philosophy of Doctorate in the field of veterinary pathology.
- Presented more than 100 scientific articles in the various veterinary and medical journals.
- Presented more than 200 scientific articles at the international and domestic congresses (selected references).
- Conducted more than 100 D.V.M theses.
- Able to conduct and manage a variety of clinical and experimental researches and interprets the results.
- Establishment of pathology and necropsy lab.
- Teaching of histology to veterinary and medical students.
- Teaching of general and special pathology and necropsy procedures to veterinary students.
- Teaching of pathology to M.sc students of parasitology and microbiology.
- Teaching of pathology to students of medical laboratory sciences.
- Teaching of principles of working with laboratory animals to medical post graduate students.
- Teaching of pathophysiology of parasites to Ph.D students of medical parasitology.
- Head of Center of Comparative & Experimental Medicine, Shiraz University of Medical Sciences, Shiraz, Iran.
- Member of:
 1. Diagnostic Laboratory Sciences and Technology Research Center, Shiraz University of Medical Sciences, Shiraz, Iran.

2. Basic Sciences in Infectious Diseases Research Center, Shiraz University of Medical Sciences, Shiraz, Iran.

- Establishment of "**The 1st national congress on animal models in experimental medicine research**" in Shiraz University of Medical Sciences, Shiraz, Iran.
- Design and implementation of Ph.D degree of "**Comparative Biomedical Sciences**" for the first time in Shiraz University of Medical Sciences, Shiraz, Iran.
- Design and implementation of "**Reference center for comparative and experimental medicine**" in Shiraz University of Medical Sciences, Shiraz, Iran.
- Establishment of "**The 1st fellowship of biomedical engineering**" in Shiraz University of Medical Sciences, Shiraz, Iran.
- Quarterly workshop on the principles of working with laboratory animals.

Professional Development

- Tehran School of Veterinary Medicine, Ph.D. degree in Veterinary Pathology.
 - Shiraz School of Veterinary Medicine, DVM degree.
-

Publication in the journals

Published articles	Number	References
Total	123	[1-123]
1st author	34	[5, 7-11, 16, 19, 29, 30, 32, 33, 37, 43, 44, 46-50, 58, 59, 62, 63, 65, 68, 84, 86, 89, 93, 109, 113, 120, 123]
Corresponding author	32	[5, 7-11, 16, 19, 29, 30, 32, 33, 37, 43, 44, 46-50, 58, 59, 62, 63, 65, 68, 84, 86, 93, 109, 121, 123]
Co-author	90	[1-4, 6, 12-15, 17, 18, 20-28, 31, 34-36, 38-42, 45, 51-57, 60, 61, 64, 66, 67, 69-83, 85, 87, 88, 90-92, 94-108, 110-112, 114-119, 121, 122]

1. Esmail-Nia, K., A. Monfared, and **A. Derakhshanfar**, *A study on the prevalence of cattle hypodermosis in Kazeroon abattoir*. Pajouhesh-va-Sazandegi, 2000. **4**(45): p. 92-93.
2. Esmail-Nia, K., S. Hadizadeh-Moalem, **A. Derakhshanfar**, and G. Motamedi, *A study on the prevalence of Linguatula serrata infestation in small ruminants of Mazandaran province in Babol abattoir*. Pajouhesh-va-Sazandegi, 2000. **45**(1): p. 94-95.
3. Ghanbarpour Mamghani, R., **A. Derakhshanfar**, and B. Akhtar Danesh, *The bacteriological and histopathological study of arthritis-tenosynovitis in kerman industrial poultry slaughterhouse*. Pajouhesh-va-Sazandegi, 2001. **52**(1): p. 8-9.
4. Ghanbarpour Mamghani, R., **A. Derakhshanfar**, M. Ghorbanpour Najafabadi, and M. Sami, *A study on caseous lymphadenitis and its frequency in sheep slaughtered in kerman abattoir*. Iranian Journal of Veterinary Research, 2002. **3**(1): p. 46-52.
5. **Derakhshanfar, A.** and M. Radfar, *Histopathologic findings due to trematode Gonapodasmius epinepheli in gills of Epinephelus tauvina (greasy grouper) in persian gulf (the first report)*. Pajouhesh-va-Sazandegi, 2002. **15**(1): p. 83-84.
6. Ghanbarpour Mamghani, R., **A. Derakhshanfar**, and B. Akhtar Danesh, *The bacteriological and histopathological study of broiler dermatitis in kerman industrial slaughterhouse*. Pajouhesh-va-Sazandegi, 2002. **54**(1): p. 34-35.
7. **Derakhshanfar, A.**, G. Habibi, and A. Monir, *Avian Encephalomyelitis in layer chickens*. Iranian Journal of Veterinary Research, 2002. **3**(1): p. 73-77.
8. **Derakhshanfar, A.** and R. Ghanbarpour, *A study on avian cellulitis in broiler chickens*. Veterinarski Arhiv, 2002. **72**(5): p. 277-284.
9. **Derakhshanfar, A.** and R. Ghanbarpour, *Cutaneous form of Marek's disease in broiler chicken*. Indian Veterinary Journal, 2003. **80**(11): p. 1196-1197.
10. **Derakhshanfar, A.**, M. Radfar, and N. Tayefi Nasrabadi, *A study on parasites of the Digestive system and Related Lesions of pigeons in city of Kerman*. Pajouhesh-va-Sazandegi, 2003. **58**(1): p. 82-83.
11. **Derakhshanfar, A.** and R. Ghanbarpour, *Valgus-varus deformity in broiler chicken*. Indian Veterinary Journal, 2003. **80**(11): p. 1189-1190.
12. Ghanbarpour, R., **A. Derakhshanfar**, and A. Pourbakhsh, *Determination of P (F11) and F1 fimbriae of Escherichia coli isolated from avian cellulitis*. Veterinarski Arhiv, 2003. **73**(4): p. 227-236.
13. Ghanbarpour, R. and **A. Derakhshanfar**, *Serotyping and antibiogram of Escherichia coli isolates from pathological conditions of poultry*. Indian Veterinary Journal, 2004. **81**(8): p. 860-862.
14. Saifzadeh, S. and **A. Derakhshanfar**, *The effects of experimental unilateral vasectomy on testicular structure in the rat*. Indian Journal of Veterinary Surgery, 2004. **24**(2): p. 73-75.
15. Pourjafar, M. and **A. Derakhshanfar**, *Mesothelioma in a 2 months calf*. Pajouhesh-va-Sazandegi, 2004. **17**(1): p. 98-98.
16. **Derakhshanfar, A.**, R. Ghanbarpour, and S. Yazdani, *A pathologic study on experimental Erysipelothrix rhusiopathiae cellulitis in broiler chickens*. Veterinarski Arhiv, 2004. **74**(3): p. 217-224.
17. Babaei, H., **A. Derakhshanfar**, S.N. Nematollahi-Mahani, F. Nabipour, and A. Zeraatpisheh, *Morphologic changes in fresh and vitrified mouse ovaries after retinol palmitate administration*. International Journal of Reproductive Medicine, 2005. **3**(2): p. 62-67.
18. Oloumi, M., **A. Derakhshanfar**, and A. Dabbaghian, *Histopathologic and biomechanical comparisons of an Iranian and a foreign brand nylon suture materials*

- in suturing skin in rat*. Modares Journal of Medical Sciences (Pathobiology), 2005. **8**(1): p. 45-54.
19. **Derakhshanfar, A.**, M. Oloumi, J. Kabootari, and H. Arab, *Histopathological and biomechanical study on the effect of Artemisia sieberi extract on experimental skin wound healing in rat*. Iranian Journal of Veterinary Surgery, 2006. **1**(1): p. 36-42.
 20. Saifzadeh, S., F. Shokouhi, and **A. Derakhshanfar**, *Evaluation of the effect of clomiphen citrate on osteoporosis in the dog model: Biomechanical and histopathological studies*. Journal of Veterinary Research, 2006. **61**(3): p. 261-264.
 21. Babaei, H., **A. Derakhshanfar**, and M.M. Oloumi, *Vaginal hyperplasia and vaginal prolapse in a Doberman bitch*. Iranian Journal of Veterinary Surgery, 2006. **1**(1): p. 88-92.
 22. Oloumi, M.M., **A. Derakhshanfar**, and A. Dabbaghian, *Histopathologic and biomechanical comparisons of the properties of skin, sutured with an Iranian and a foreign brand silk suture in rat*. Pathobiology Research, 2006. **8**(1): p. 45-54.
 23. Molaei, M.M., J. Abshenas, **A. Derakhshanfar**, and H. Babaei, *Use of Conjunctival Grafts and Temporary Tube Implants for Treatment of Teat Sinus Mucosal Injuries*. Iranian Journal of Veterinary Surgery, 2006. **1**(1): p. 50-57.
 24. Saifzadeh, S., **A. Derakhshanfar**, F. Shokouhi, M. Hashemi, and R. Mazaheri, *Vascular hamartoma as the cause of hind limb lameness in a horse*. Journal of Veterinary Medicine Series A, 2006. **53**(4): p. 202-204.
 25. Saifzadeh, S. and **A. Derakhshanfar**, *Evaluation of the effect of tamoxifen citrate on model of osteoporosis in dog: biomechanical and histopathological studies*. Iranian Journal of Veterinary Research, 2006. **7**(3): p. 1-5.
 26. Shojaei, B., **A. Derakhshanfar**, M.M. Oloumi, and S. Hashemnia, *Diprosopus, spina bifida and kyphoscoliosis in a lamb-a case report*. Veterinarski Arhiv, 2006. **76**(5): p. 461-469.
 27. Oloumi, M., **A. Derakhshanfar**, M. Molaei, and M. Tayyebi, *The angiogenic potential of autogenous free omental graft in experimental tibial defects in rabbit: Short-term preliminary histopathological study*. Journal of Experimental Animal Science, 2006. **43**(3): p. 179-187.
 28. Oloumi, M.M., **A. Derakhshanfar**, and A. Nikpoor, *Healing potential of liquorice root extract on dermal wounds in rats*. Journal of Veterinary Research, 2007. **62**(4): p. 147-154.
 29. **Derakhshanfar, A.**, M.M. Oloumi, M.N. Nazem, and A. Eskandari, *Dermal melanocytoma of the hoof in a goat*. Iranian Journal of Veterinary Surgery, 2007. **2**(5): p. 81-86.
 30. **Derakhshanfar, A.** and M.M. Molaei, *Occurrence of xanthelasma in a cow (the first report)*. Iranian Journal of Veterinary Surgery, 2007. **2**(3): p. 73-76.
 31. Pourjafar, M., **A. Derakhshanfar**, N. Arabi, and A. Bidadkosh, *Histopathologic and biochemical study on gentamicin-induced nephrotoxicity in donkey*. Iranian Veterinary Journal, 2007. **3**(1): p. 21-27.
 32. **Derakhshanfar, A.**, A. Eskandari, and M. Forootani, *A case report on unilateral dysplasia of kidney in a sheep*. Pajooresh-vazandegi, 2007. **20**(3): p. 196-199.
 33. **Derakhshafar, A.**, M. Hashempoor Sadeghian, and M. Nazem, *Hepatocellular Carcinoma In Sheep*. Pajouhesh-vazandegi, 2007. **74**: p. 93-95.
 34. Babaei, H., **A. Derakhshanfar**, and A. Kheradmand, *Vitrification of mouse ovaries using ethylene glycol and DMSO as cryoprotectants: histopathological evaluation*. Veterinarski Arhiv, 2007. **77**(1): p. 19-27.

35. Saifzadeh, S., **A. Derakhshanfar**, and M. Hadian, *Congenital lipoblastoma in a neonate calf: first report in veterinary literature*. *Veterinary Dermatology*, 2007. **18**(2): p. 130-133.
36. Mozaffari, A. and **A. Derakhshanfar**, *Zinc-responsive dermatosis in an Iranian cross-breed ram*. *Iranian Journal of Veterinary Research*, 2007. **8**(2): p. 182-183.
37. **Derakhshanfar, A.**, S. Mashhadi Rafie, and M. Nazem, *Myxoma in a Terrier Dog: a Case Report*. *Iranian Journal of Veterinary Surgery*, 2007. **2**(2): p. 79-82.
38. Oloumi, M.M., **A. Derakhshanfar**, M.M. Molaei, and P. Falahi, *The healing potential of oleaster leave water soluble extract on experimental skin wounds in the rat*. *Iranian Journal of Veterinary Surgery*, 2007. **2**(2): p. 65-72.
39. Sharifi, S., **A. Derakhshanfar**, M. Pourjafar, A. Mohamadnia, and K. Charlang, *Effect of Heparin in Prevention of Experimental Abdominal Adhesions in Rat*. *Iranian Journal of Veterinary Surgery*, 2007. **2**(3): p. 24-31.
40. Mirzaie, M., S.J. Nosratabadi, **A. Derakhshanfar**, and I. Sharif, *Antileishmanial activity of Peganum harmala extract on the in vitro growth of Leishmania major promastigotes in comparison to a trivalent antimony drug*. *Veterinarski Arhiv*, 2007. **77**(4): p. 365-375.
41. Mirzaie, M., **A. Derakhshanfar**, and M. Pourjafar, *Caprine besnoitiosis in the southwest of Iran*. *Veterinarski Arhiv*, 2007. **77**(5): p. 435-439.
42. Babaei, H., **A. Derakhshanfar**, A. Kheradmand, and J. Bazy, *Zinc modulates heat-induced degenerative effects in mice testes*. *Iranian Journal of Veterinary Research*, 2007. **8**(4): p. 298-303.
43. **Derakhshanfar, A.**, A. Bidadkosh, and S. Kazeminia, *Vitamin E protection against gentamicin-induced nephrotoxicity in rats: a biochemical and histopathologic study*. *Iranian Journal of Veterinary Research*, 2007. **8**(3): p. 231-238.
44. **Derakhshanfar, A.** and M. Mirzaei, *Effect of Peganum harmala (wild rue) extract on experimental ovine malignant theileriosis: pathological and parasitological findings*. *Onderstepoort Journal of Veterinary Research*, 2008. **75**(1): p. 67-72.
45. Pourjafar, M., N. Mahzoonieh, **A. Derakhshanfar**, and N. Ghanbarian, *Pathologic and microbiologic study on superficial lymphadenopathies of sheep in Kazeroun slaughter house*. *Pajouhesh-va-Sazandegi*, 2008. **21**(2): p. 161-165.
46. **Derakhshanfar, A.**, M. Pourjafar, K. Badiei, H. Talebanfard, and M. Shakhse-Niaie, *Histopathological, hematobiochemical and urinalysis changes in experimental consumption of oak (Quercus brantii) in sheep*. *Journal of Pharmacology and Toxicology*, 2008. **3**(2): p. 153-157.
47. **Derakhshanfar, A.**, R. Ghanbarpour, and S. Yazdani, *Histopathologic and bacteriologic study on broiler condemned livers in Rafsanjan industrial poultry slaughter house*. *Iranian Journal of Veterinary Clinical Sciences*, 2008. **2**(1): p. 69-72.
48. **Derakhshanfar, A.**, D. Vosough, and A. Bidadkosh, *Pathological and Doppler Ultrasonographic Study of Kidney Hemodynamic Response in Saffron (Crocus Sativua) Pretreated Rats*. *Iranian Journal of Veterinary Surgery*, 2008. **3**(1): p. 37-43.
49. **Derakhshanfar, A.** and M.M. Oloumi, *Malignant Fibrous Histiocytoma in a Pigeon*. *Iranian Journal of Veterinary Surgery*, 2008. **3**(1): p. 91-95.
50. **Derakhshanfar, A.**, A. Bidadkosh, and A.M. Yazdi, *Dopamine protects gentamicin early induced nephrotoxicity in Sprague–Dawley rats*. *Comparative Clinical Pathology*, 2008. **17**(2): p. 99-104.
51. Oloumi, M.M., H. Shemali, M. Shavalian, and **A. Derakhshanfar**, *The role of autogenous bone marrow in the healing of experimental burn wound healing in rabbits*. *Iranian Journal of Veterinary Surgery*, 2008. **3**(2): p. 47-55.

52. Sheikhveisy, M., H. Babaei, **A. Derakhshanfar**, M. Oloumi, and A. Kheradmand, *Negative effect of vitrification of whole rat ovarian tissue and its subsequent autotransplantation into omentum*. Animal Reproduction, 2008. **5**(3/4): p. 97-102.
53. Akhtardanesh, B., **A. Derakhshanfar**, and R. Ghanbarpour, *Unusual case of acanthomatous hyperkeratosis in a domestic short hair cat*. Online Journal of Veterinary Research, 2009. **13**(1): p. 32-40.
54. Sharifi, S., **A. Derakhshanfar**, M. Pourjafar, and A. Habibi, *The study of halothane anesthesia on the dog's kidney: histopathological and biochemical findings*. Journal of Veterinary Research, 2009. **64**(3): p. 237-242.
55. Mozaffari, A.A. and **A. Derakhshanfar**, *Vegetative endocarditis associated with congestive heart failure in crossbred cow*. Indian Veterinary Journal, 2009. **86**(1): p. 96-103.
56. Molaei, M., **A. Derakhshanfar**, and M. Salehi, *The first report of squamous cell carcinoma in the eyelid of a pigeon*. Iranian Journal of Veterinary Clinical Sciences, 2009. **2**(2): p. 29-32.
57. Hashemnia, S., M.M. Oloumi, M. Rezayan, **A. Derakhshanfar**, A. Mostafavi, K. Hojabri, and S. Esmailzadeh, *Persian Sage (Salvia Rhytidia) Essential Oil can Ameliorate the Renal Ischemia-Reperfusion Injuries in Rat*. Iranian Journal of Veterinary Surgery, 2009. **4**(1-2): p. 67-76.
58. **Derakhshanfar, A.**, M.M. Oloumi, S. Esmailzadeh, M. Shamsoddin Saeed, E. Amin Sadrabadi, and L. Abbasi, *Histopathological evaluation on the effects of venesection and vitamin C on systemic renal and hepatic lesions after limb ischemia-reperfusion in rabbit*. Iranian Journal of Veterinary Surgery, 2009. **4**(1-2): p. 95-102.
59. **Derakhshanfar, A.**, S. Sharifi, N. Nazem, and F. Delgosha, *Histopathologic study on flunixin meglumine nephrotoxicity in rat*. Iranian Journal of Veterinary Clinical Sciences, 2009. **2**(2): p. 3-7.
60. Mozaffari, A. and **A. Derakhshanfar**, *Localized seborrhoeic dermatitis with hyperhidrosis due to mite infestation in an Iranian cross-breed ram*. Pakistan Journal of Biological Sciences, 2009. **12**(2): p. 186.
61. Mozaffari, A.A., **A. Derakhshanfar**, and J. Salar Amoli, *Industrial copper intoxication of Iranian fat-tailed sheep in Kerman province, Iran*. Turkish Journal of Veterinary and Animal Sciences, 2009. **33**(2): p. 113-119.
62. **Derakhshanfar, A.**, A. Bidadkosh, and M. Hashempour Sadeghian, *L-methionine attenuates gentamicin nephrotoxicity in male Wistar rat: pathological and biochemical findings*. Iranian Journal of Veterinary Research, 2009. **10**(4): p. 323-328.
63. **Derakhshanfar, A.**, A. Mozaffari, and A. Mohaghegh Zadeh, *An Outbreak of Trypanosomiasis (Surra) in Camels in the Southern Fars Province of Iran: Clinical, Hematological and Pathological Findings*. Research Journal of Parasitology, 2010. **5**(1): p. 23-26.
64. Safarchi, R., A. Mozaffari, **A. Derakhshanfar**, and O. Marvili Amiri, *Evaluation of the effects of flunixin meglumine, ketoprofen and phenylbutazone administration on the brain, renal and hepatic functions in Iranian cross-breed goats*. Journal of Biological Sciences, 2010. **10**(2): p. 170-173.
65. **Derakhshanfar, A.** and A. Mozaffari, *First report of oligodendroglioma in a sheep*. Journal of the South African Veterinary Association, 2010. **81**(2): p. 114-115.
66. Masoumi Ardakani, Y., M. Abbasnejad, **A. Derakhshanfar**, K. Esmaeilpour Bezenjani, and A. Mostafavi Sabet, *Effect of Matricaria recutita L. aqueous extract on acetic acid-induced ulcerative colitis in adult male rats*. Physiology and Pharmacology, 2010. **14**(3): p. 269-280.

67. Sakhaee, E. and **A. Derakhshanfar**, *Polioencephalomalacia associated with closantel overdose in a goat*. Journal of the South African Veterinary Association, 2010. **81**(2): p. 116-117.
68. **Derakhshanfar, A.**, M. Oloumi, and M. Mirzaie, *Study on the effect of Peganum harmala extract on experimental skin wound healing in rat: pathological and biomechanical findings*. Comparative Clinical Pathology, 2010. **19**(2): p. 169-172.
69. Azari, O., B. Akhtardanesh, **A. Derakhshanfar**, M.M. Oloumi, and D. Vosough, *Vaginal cavernous hemangioma with cystic ovaries and cystic endometrial hyperplasia in a dog*. Comparative Clinical Pathology, 2010. **19**(4): p. 413-416.
70. Mozaffari, A.A. and **A. Derakhshanfar**, *Congenital tremor in an Iranian Fat-Tailed lamb: clinical, hematological, biochemical, and pathological findings*. Comparative Clinical Pathology, 2010. **19**(4): p. 441-443.
71. Mozaffari, A. and **A. Derakhshanfar**, *Hematological and histopathological diagnosis of MCF like disease in a Persian gazelle « Gazella subgutturosa » (First report)*. Journal of Veterinary Medicine and Laboratory, 2010. **2**(2): p. 111-117.
72. Mozaffari, A., **A. Derakhshanfar**, A. Alinejad, and M. Morovati, *A comparative study on the adverse effects of flunixin, ketoprofen and phenylbutazone in miniature donkeys: haematological, biochemical and pathological findings*. New Zealand Veterinary Journal, 2010. **58**(5): p. 224-228.
73. Kheirandish, R., **A. Derakhshanfar**, and S. Soukhtanlou, *Congenital chordoma of the skin in a lamb (first report)*. Comparative Clinical Pathology, 2010. **19**(5): p. 515-517.
74. Sepehri, G., **A. Derakhshanfar**, and F.Y. Zadeh, *Protective effects of corn silk extract administration on gentamicin-induced nephrotoxicity in rat*. Comparative Clinical Pathology, 2011. **20**(1): p. 89-94.
75. Azari, O., H. Babaei, **A. Derakhshanfar**, S.N. Nematollahi-Mahani, R. Poursahebi, and M. Moshrefi, *Effects of transplanted mesenchymal stem cells isolated from Wharton's jelly of caprine umbilical cord on cutaneous wound healing; histopathological evaluation*. Veterinary Research Communications, 2011. **35**(4): p. 211-222.
76. Sharififar, F., **A. Derakhshanfar**, G. Dehghan-Nudeh, N. Abbasi, R. Abbasi, R. Rezaei Gharaei, A. Koohpayeh, and M. Daneshpajouh, *In vivo antioxidant activity of Zataria multiflora Boiss essential oil*. Pakistan Journal of Pharmaceutical Sciences, 2011. **24**(2): p. 221-225.
77. Azizollahi, S., H. Babaei, **A. Derakhshanfar**, and M. Oloumi, *Effects of co-administration of dopamine and vitamin C on ischaemia-reperfusion injury after experimental testicular torsion-detorsion in rats*. Andrologia, 2011. **43**(2): p. 100-105.
78. Mozaffari, A.A. and **A. Derakhshanfar**, *Multiple lipoma in a stray donkey (first report in veterinary literature)*. Comparative Clinical Pathology, 2011. **20**(2): p. 193-194.
79. Oloumi, M.M., D. Vosough, **A. Derakhshanfar**, and M.H. Nematollahi, *The healing potential of Plantago lanceolata ointment on collagenase-induced tendinitis in burros (Equus asinus)*. Journal of Equine Veterinary Science, 2011. **31**(8): p. 470-474.
80. Akhtardanesh, B., M. Saberi, and **A. Derakhshanfar**, *Gastric leiomyoma in a domestic shorthair cat*. Comparative Clinical Pathology, 2011. **20**(5): p. 531-534.
81. Mozaffari, A.A. and **A. Derakhshanfar**, *Evaluation of the brain, renal, and hepatic effects of flunixin meglumine, ketoprofen, and phenylbutazone administration in Iranian fat-tailed sheep*. Tropical animal health and production, 2011. **43**(7): p. 1389-1393.
82. Mozaffari, A.A. and **A. Derakhshanfar**, *A large abnormal mass of granulation tissue in the heart of an Iranian cross-breed cattle: Clinical, hematological and*

- pathological findings (first report)*. Comparative Clinical Pathology, 2011. **20**(5): p. 539-541.
83. Mozaffari, A.A. and **A. Derakhshanfar**, *The gastrointestinal and myocardial adverse effects of flunixin meglumine, ketoprofen and phenylbutazone in Iranian Cashmere (Rayeni) goats: clinical, hematological, biochemical, and pathological findings*. Comparative Clinical Pathology, 2012. **21**(1): p. 49-53.
84. **Derakhshanfar, A.**, Z. Mojdeganlou, and M. Hashempour Sadeghian, *Effect of methionine on hepatotoxicity due to co-administration of gentamicin and indomethacin in rats*. Comparative Clinical Pathology, 2012. **21**(5): p. 1115-1119.
85. Abshenas, J., **A. Derakhshanfar**, M.H. Ferdosi, and S. Hasanzadeh, *Protective effect of kombucha tea against acetaminophen-induced hepatotoxicity in mice: a biochemical and histopathological study*. Comparative Clinical Pathology, 2012. **21**(6): p. 1243-1248.
86. **Derakhshanfar, A.**, G. Hatam, K. Sohrabi, and M. Mirzaei, *Clinical, serological and histopathological signs of toxoplasmosis in broiler chickens (Gallus domesticus) after experimental infection*. Comparative Clinical Pathology, 2012. **21**(6): p. 1379-1382.
87. Bidadkosh, A., **A. Derakhshanfar**, A.M. Rastegar, and S. Yazdani, *Antioxidant preserving effects of L-arginine at reducing the hemodynamic toxicity of gentamicin-induced rat nephrotoxicity: pathological and biochemical findings*. Comparative Clinical Pathology, 2012. **21**(6): p. 1739-1744.
88. Azari, O., **A. Derakhshanfar**, and D. Vosough, *Cutaneous hemangiosarcoma in an ostrich (Struthio camelus)*. Online Journal of Veterinary Research, 2013. **17**(12): p. 625-629.
89. **Derakhshanfar, A.**, M. Roshanzamir, and A. Bidadkosh, *Dose-related protecting effects of vitamin C in gentamicin-induced rat nephrotoxicity: a histopathologic and biochemical study*. Comparative Clinical Pathology, 2013. **22**(3): p. 441-447.
90. Pahlavanzadeh, F., A. Bidadkosh, **A. Derakhshanfar**, A.M. Rastegar, and M. Rushanzamir, *Antioxidant protecting effects of vitamin B6 at reducing hemodynamic toxicity of gentamicin in rat model of nephrotoxicity*. Comparative Clinical Pathology, 2013. **22**(4): p. 637-643.
91. Kakooei, S., M.M. Oloumi, **A. Derakhshanfar**, and L. Golmoradi, *A histopathological study of the healing potential of Plantago lanceolata ointment on collagenase-induced tendonitis in rats*. Comparative Clinical Pathology, 2013. **22**(5): p. 977-981.
92. Sepehri, G., **A. Derakhshanfar**, and L. Saburi, *Does propylthiouracil increase the gentamicin-induced nephrotoxicity in rat? Iranian Journal of Basic Medical Sciences*, 2013. **16**(11): p. 1190.
93. **Derakhshanfar, A.**, R. Kheirandish, S. Alidadi, and A. Bidadkosh, *Study of long effects of administration of aspirin (acetylsalicylic acid) on bone in broiler chickens*. Comparative Clinical Pathology, 2013. **22**(6): p. 1201-1204.
94. Tavakkoli, H., **A. Derakhshanfar**, and S. Noori Gooshki, *A short preliminary experimental study on teratogenic effect of methenamine in embryonic model*. International Journal of Advanced Biological and Biomedical Research, 2013. **1**(12): p. 1523-1528.
95. Tavakkoli, H., **A. Derakhshanfar**, and S. Noori Gooshki, *Toxicopathological lesions of fosfomycin in embryonic model*. European Journal of Experimental Biology, 2014. **4**(2): p. 63-71.
96. Tavakkoli, H., **A. Derakhshanfar**, and S. Salandari, *Toxicology of urotropine in chicken embryo*. Online Journal of Veterinary Research, 2014. **18**(2): p. 109-115.

97. Tavakkoli, H., **A. Derakhshanfar**, and S. Salandari, *Investigation on the using of linco-spectin solution for in ovo administration in chicken embryo*. International journal of Advanced Biological and Biomedical Research, 2014. **2**(1): p. 110-116.
98. Tavakoli, H., **A. Derakhshanfar**, and S. Gooshki Noori, *Observation on the in-vivo administration of oxytetracycline solution in partridge egg*. European Journal of Experimental Biology, 2014. **4**(3): p. 226-233.
99. Oloumi, M.M., **A. Derakhshanfar**, and A.A. Kalantary, *Histopathologic and biomechanical comparisons of the properties of skin, sutured with an Iranian and a foreign brand Nylon suture in rat*. Journal of Kerman University of Medical Sciences, 2014. **8**(4): p. 185-195.
100. Saeedeh, M.S. and **D. Amin**, *Teratogenic effects of aminoforn on chicken embryos*. Online Journal of Veterinary Research, 2014. **18**(3): p. 208-212.
101. Oloumi, M., **A. Derakhshanfar**, and A. Ashraf, *Effect of Persian sage (Salvia rhytidia Benth) on heart and kidney tissue and serum biochemistry during liver ischemia-reperfusion in rats*. Online Journal of Veterinary Research, 2014. **18**(6): p. 456-467.
102. Tavakkoli, H., **A. Derakhshanfar**, and S. Noori Gooshki, *The effect of florfenicol egg-injection on embryonated chicken egg*. International Journal of Advanced Biological and Biomedical Research, 2014. **2**(2): p. 496-503.
103. Nejad, S.A., M. Abbasnejad, **A. Derakhshanfar**, S.E. Mehani, and H. Kohpeyma, *The Effect of Intracolonic Matricaria recutita L. aqueous extract on acetic acid-induced ulcerative colitis in adult male rats*. Govareh, 2014. **19**(1): p. 31-38.
104. Mosallanejad, S.S., H. Tavakkoli, **A. Derakhshanfar**, and S. Salandari, *Efficiency of the injection of trimethoprim/sulfamethoxazole solution on game bird embryonated-egg during the late stage of development*. International journal of Advanced Biological and Biomedical Research, 2014. **2**(5): p. 1553-1561.
105. Mosallanejad, S.S., H. Tavakkoli, **A. Derakhshanfar**, and S. Salandari, *An experimental study of the systemic alteration of nitroimidazoles in the middle stage of embryonic development*. International journal of Advanced Biological and Biomedical Research, 2014. **2**(5): p. 1468-1474.
106. Tavakkoli, H., **A. Derakhshanfar**, and S. Salandari, *Effect of dietary Pistacia atlantica oil on performance and pathological conditions in chukar partridge*. Journal of Livestock Science and Technologies, 2014. **2**(2): p. 19-25.
107. Bamorovat, M., M.H. Radfar, **A. Derakhshanfar**, M. Molazadeh, and M.B. Zarandi, *A comparative evaluation of hematological, biochemical and pathological changes among infected sheep with Cysticercus tenuicollis and non-infected control group*. Journal of parasitic diseases, 2014. **38**(4): p. 399-403.
108. Koochi-Hosseiniabadi, O., M. Moini, A. Safarpour, **A. Derakhshanfar**, and M. Sepeshimanesh, *Effects of dietary Thymus vulgaris extract alone or with atorvastatin on the liver, kidney, heart, and brain histopathological features in diabetic and hyperlipidemic male rats*. Comparative Clinical Pathology, 2015. **24**(6): p. 1311-1315.
109. **Derakhshanfar, A.**, M. Hashempour Sadeghian, N. Abbasabadi, and M.H. Imanian, *Histopathologic and biochemical study of the effect of saffron extract on gentamicin-induced nephrotoxicity in rats*. Comparative Clinical Pathology, 2015. **24**(6): p. 1347-1351.
110. Tavakkoli, H. and **A. Derakhshanfar**, *Partridge embryo pathology in relation to gentamicin-induced lesions*. Journal of Coastal Life Medicine, 2016. **4**(10): p. 833-837.

111. Kohpyrna, H., M. Abbasnejad, S. Ahmadinejad, A. Mostafavi, and **A. Derakhshanfar**, *The effect of aqueous extract of dracocephalum polychaetum burnm on ulcerative colitis in adult male rats*. Pars Journal of Medical Sciences, 2016. **14**(1): p. 9-17.
112. Jamshidzadeh, A., R. Heidari, T. Golzar, and **A. Derakhshanfar**, *Effect of eisenia foetida extract against cisplatin-induced kidney injury in rats*. Journal of Dietary Supplements, 2016. **13**(5): p. 551-559.
113. **Derakhshanfar, A.** and H. Tavakkoli, *Evaluation of the embryonic pathological lesions and efficacy of amantadine against H9N2 influenza virus using chicken embryo model*. Journal of Kerman University of Medical Sciences, 2016. **23**(5): p. 554-571.
114. Najjari, M., S.M. Sadjjadi, **A. Derakhshanfar**, and M. Ebrahimipour, *Hysterothylacium amoyense in Platycephalous indicus: a Persian Gulf fish and its experimental infection of mouse model*. Comparative Clinical Pathology, 2016. **25**(6): p. 1143-1149.
115. Sarkari, B., M. Mansouri, M. Najjari, **A. Derakhshanfar**, and G. Mowlavi, *Macracanthorhynchus hirudinaceus: the most common helminthic infection of wild boars in southwestern Iran*. Journal of Parasitic Diseases, 2016. **40**(4): p. 1563-1566.
116. Tanideh, N., E. Abdordideh, S.L. Asadi Yousefabad, S. Daneshi, O. Koohi Hosseinabadi, S. Mohammadi Samani, and **A. Derakhshanfar**, *Evaluation of the healing effect of honey and colostrum in treatment of cutaneous wound in rat*. Comparative Clinical Pathology, 2017. **26**(1): p. 71-77.
117. Pourfath, M.R., A. Behzad-Behbahani, S.S. Hashemi, **A. Derakhsahnfar**, M.N. Taheri, and S. Salehi, *Monitoring wound healing of burn in rat model using human Wharton's jelly mesenchymal stem cells containing cGFP integrated by lentiviral vectors*. Iranian Journal of Basic Medical Sciences, 2018. **21**(1): p. 70-76.
118. Khosravi, A., I. Sharifi, H. Tavakkoli, **A. Derakhshanfar**, A.R. Keyhani, Z. Salari, S.S. Mosallanejad, and M. Bamorovat, *Embryonic toxico-pathological effects of meglumine antimoniate using a chick embryo model*. PloS One, 2018. **13**(5): p. e0196424.
119. Ghorbani, Z., R. Fardid, G.H. Hadadi, and **A. Derakhshanfar**, *Radio-protective effects of Hesperidin against gamma radio-radio-protective effects of Hesperidin against gamma radiation induced histopathological changes in the liver of Sprague Dawely rats*. Iranian Journal of Medical Physics, 2018. **15**(12): p. 207-207.
120. **Derakhshanfar, A.**, J. Moayedi, S.-S. Hashemi, M. Vahedi, and A. Valizadeh, *Comparative study on the effects of heated brass bar and scald methods in experimental skin burn in rat*. Comparative Clinical Pathology, 2019: p. 1-5.
121. Tavakkoli, H., **A. Derakhshanfar**, J. Moayedi, A.P. Fard, S. Behrouz, M.A. Piltan, and M.N.S. Rad, *Evaluation of the toxicopathological lesions of Calotropis procera using a chick embryonic model*. Comparative Clinical Pathology, 2019. **28**(1): p. 195-202.
122. Khosravi, A., I. Sharifi, H. Tavakkoli, A.R. Keyhani, A. Afgar, Z. Salari, M. Bamorovat, F. Sharifi, T. Khaleghi, R.S. Varma, S. Dabiri, S.N. Nematollahi-Mahani, A. Babae, M. Mostafavi, M. Hakimi Parizi, **A. Derakhshanfar**, and E. Salarkia, *Toxico-pathological effects of meglumine antimoniate on human umbilical vein endothelial cells*. Toxicology in Vitro, 2019. **56**(1): p. 10-18.
123. **Derakhshanfar, A.**, J. Moayedi, G. Derakhshanfar, and A. Poostforoosh Fard, *The role of Iranian medicinal plants in experimental surgical skin wound healing: An integrative review*. Iranian Journal of Basic Medical Sciences, 2019. **22**(6): p. 590-600.

Presentations in the international or domestic congresses
(Only 29 out of more than 200 presentations are shown, here)

1. **Derakhshanfar A**, Sharifi S., Roshanzamir M. Study of the effect of vitamin C in the reduction of nephrotoxicity of gentamicin in rats. 1st Iranian congress of veterinary basic sciences. 2000, Tehran, Iran.
2. Oloumi MM, **Derakhshanfar A**, Taheri B. The role of omental flap in the healing of experimental tibial defect in dog: A preliminary study. 25th WSAVA Congress. 2000, Amsterdam, Netherlands.
3. Oloumi MM, **Derakhshanfar A**, Kheirandish R. Surgical management of a vaginal and perineal fibroma in a dog. The 2nd Iranian symposium of veterinary surgery, anesthesiology and radiology. 2000, Shiraz, Iran.
4. Oloumi MM, **Derakhshanfar A**, Hosseinnia H. The role of autogenous greater omentum in experimental tendon healing in the dog: a histopathologic study. 26th WSAVA Congress. 2001, Vancouver, Canada.
5. Oloumi MM, **Derakhshanfar A**, Dabbaghian A. Histopathologic and biomechanical evaluations of an Iranian brand silk suture material (SUPA) in suturing rat skin. 26th WSAVA Congress. 2001, Vancouver, Canada.
6. **Derakhshanfar A**, Ghanbarpour R, Akhtardanesh B. Staphylococcus aureus as the most important pathogen was isolated from broiler chickens affected by arthritis-tenosynovitis in Kerman industrial slaughterhouse. The 4th congress of the microbiology. 2001, Tehran, Iran.
7. **Derakhshanfar A**, Pourjafar M. An epidemic of besnoitiosis in a flock of goats in Iran. 27th WVA Congress. 2002, Tunis, Tunisia.
8. Oloumi MM, **Derakhshanfar A**, Tayyebi M. The role of autogenous free greater omental flap in experimental bone healing in rabbit: a preliminary short term histopathologic study. 27th WVA Congress. 2002, Tunis, Tunisia.
9. **Derakhshanfar A**, Mashadirafie S. Pathologic findings in cardiomyopathy of a dog. The 3rd convention of Iranian veterinary clinicians. 2002, Mashhad, Iran.
10. Oloumi MM, **Derakhshanfar A**. The evaluation of an Iranian traditional herbal mixture in skin wound healing: a histopathologic study. 28th WSAVA Congress. 2003, Bangkok, Thailand.

11. **Derakhshanfar A**, Oloumi MM. The role of a fresh oleaster preparation in healing of experimental wounds in calves: a histopathologic study. 5th world congress of veterinary dermatology. 2004, Vienna, Austria.
12. Oloumi M.M., **Derakhshanfar A**. The role of a liquorice preparation in healing of experimental wounds in calves: a histopathologic study. 5th world congress of veterinary dermatology. 2004, Vienna, Austria.
13. **Derakhshanfar A**. Histopathologic study on nephrotoxicity of flunixin-meglumin in rat. Iranian congress of physiology and pharmacology. 2007, Mashhad, Iran.
14. Mozafari A, **Derakhshanfar A**, Morovati M, Salari S, Arab A. Treatment of parakeratosis in sheep by zinc sulfate blouse. Iranian congress of physiology and pharmacology. 2007, Mashhad, Iran.
15. Mozafari AA, **Derakhshanfar A**, Heydari F, Sheikh Veysi M, Hajizadeh N, Aspira R, Mohseni A. Adverse effects of flunixin meglumine administration in persian donkey. Iranian congress of physiology and pharmacology. 2007, Mashhad, Iran.
16. Salehi M, **Derakhshanfar A**, Alavi SH, Barzegarpour N. A study on microscopic and microscopic lesions of lower respiratory system (trachea and lung) in condemned carcasses in poultry slaughterhouse in city of Kerman. 4th national symposium of poultry health and diseases. 2008, Shahrekord, Iran.
17. **Derakhshanfar A**. Experimental study on clinical signs and pathological lesions due to co-utilization of lasalocid and chloramphenicol in broiler chickens. 4th national symposium of poultry health and diseases. 2008, Shahrekord, Iran.
18. **Derakhshanfar A**. Experimental study on lesions due to co-utilization of monensin and tiamulin in broiler chickens: clinical and pathological findings. 4th national symposium of poultry health and diseases. 2008, Shahrekord, Iran.
19. Hozhabri K, Oloumi MM, **Derakhshanfar A**, Kheirandish R, Azizollahi S. The role of *Salvia officinalis* in preventing ischemia-reperfusion injuries in kidney of rats. First International Congress of Pharmacology and Pharmaceutical Sciences. 2008, Tehran, Iran.
20. Abbasi Rayeni N, **Derakhshanfar A**, Sharififar F, Gharaei R. Study on the effect of *Zataria multiflora* essential oil and BHT in rat: Histopathological findings. First International Congress of Pharmacology and Pharmaceutical Sciences. 2008, Tehran, Iran.
21. **Derakhshanfar A**, Dehghani Beidokhti M, Mehrabani M, Abbasabadi N. Histopathological study on the effect of saffron extract in prevention of Cefazolin-

- induced nephrotoxicity in rat. First International Congress of Pharmacology and Pharmaceutical Sciences. 2008, Tehran, Iran.
22. Salehi M, **Derakhshanfar A**, Sheibani H. An epidemic pulmonary aspergillosis with fungal myositis in a flock of canary. 4th national symposium of poultry health and diseases. 2008, Shahrekord, Iran.
 23. Salehi M, **Derakhshanfar A**, Vosough D, Azari O, Sheibani H. Fibrolipoma in a rooster: ultrasonography and pathological findings (first report). 4th National symposium of poultry health and diseases. 2008, Shahrekord, Iran.
 24. Salehi M, **Derakhshanfar A**, Damani A, Tafreshi M. Histopathologic study on tumors in layer hens in Kerman city Simorgh Company. 4th national symposium of poultry health and diseases. 2008, Shahrekord, Iran.
 25. Masoumi Ardakani Y, Abbasnezhad M, **Derakhshanfar A**, Mostafavi A, Shamspour T, Esmaeilpour K. The effect of matricaria recutita aqueous extract on acetic acid-induced ulcerative colitis in rats. Iranian Congress of Physiology and Pharmacology. 2009, Mashhad, Iran.
 26. Pourjafar M, Badieli K, **Derakhshanfar A**. The incidence and type of equine skin tumors in south Iran. The 6th international colloquium on working equips. 2010, New Delhi, India.
 27. Mozaffari AA, **Derakhshanfar A**, Imani M. Congenital goiter in a Rayeni goat kid. The 1st international congress of large animal practitioners. 2011, Tehran, Iran.
 28. Mozaffari AA, **Derakhshanfar A**, Ghahramani M. A large abnormal mass of granulation tissue in heart of an Iranian cross-breed cattle. The 1st international congress of large animal practitioners. 2011, Tehran, Iran.
 29. **Derakhshanfar A**. Veterinary pathology; reality or ghost? 10th Convention of Iranian Veterinary Clinicians in the honor of Prof. Mohammad Ali Rad. 2018, Kerman, Iran.
-

Awards and Honors

1. Distinguished researcher of the faculty (7 times)
 2. Distinguished researcher of the university (1 time)
 3. Distinguished researcher of the Kerman province (1 time)
 4. National distinguished researcher (2008)
-

Books

1. Veterinary clinical diagnosis (Translation), 2001.
 2. A review on brucellosis, 2006.
 3. Pathologic diagnosis of the tumors in veterinary medicine, 2010.
 4. Pathology of birds, 2012.
 5. Comparative pathology of parasitic infections, 2016.
-

Research proposals

1. Evaluation of the Embryonic Pathological Lesions and Efficacy of Amantadine against H9N2 Influenza Virus Using Chicken Embryo Model.
2. Utilization of a chick embryo model for evaluation the lysine and nano-lysine effects on weight, growth and various organs of the fetus.
3. Evaluation the toxicopathological lesions of *Berberis vulgaris* using a chicken embryonic model.
4. Embryonic toxico-pathological effects of *Origanum vulgare*: evaluation of the gross and histopathological lesions using a chick embryo model.
5. Utilization of a chick embryo model for evaluation the effects of *Teucrium polium* extract on the fetus and amniotic fluid.
6. Assessing the risk of Iranian endemic influenza virus (H9N2 subtype) for humans and utilization of a chick embryo model for evaluation the histopathological effects of this subtype antigens on the fetus.
7. Embryonic vascular toxicity of *Calotropis procera* Aiton: evaluation the early anti-vasculogenic property and molecular aspects using a chick's extra-embryonic membrane model.
8. Utilization of the chicken embryo membrane model for evaluation the embryonic vascular toxicity of *Dorema ammoniacum*
9. Evaluation of the toxicopathological lesions of *Calotropis procera* using a chick embryonic model.
10. Utilization of a chick embryo model for evaluation the side and teratogenic effects of *Dorema ammoniacum* on the fetus.
11. The Role of Iranian Medicinal Plants in Experimental Surgical Skin Wound Healing: an Integrative Review.

12. A study of the effects of alcoholic and aqueous extracts of *Biarum bovei* on histopathology and laboratory diagnostic of miR-122 in liver of the rat.
13. A study on histopathology and laboratory diagnostic of miR-122 level during post mortem changes and also due to different methods of euthanasia in the liver of rat.
14. A study on the effects of *Perovskia abrotanoides karel* on experimental skin burn in male rat: in-vivo and in-vitro findings.
15. Investigation of human skin fibroblast culturing and proliferation on chick embryo chorioallantoic membrane.
16. A study on histopathological changes and gene expression of virulence genes *exoS*, *exoU*, *pil-B*, *nan 1* and non-virulence genes *AmpC* and *rpoD* of *Pseudomonas aeruginosa* MDR and non-MDR strains in experimental skin wound in rat.
17. Molecular study on the effects of *Perovskia karel* (Brazambal) on experimental skin burn (Grade III) in male rat.
18. The efficacy of *Mycobacterium tuberculosis* on rheumatoid arthritis induction in rat: Histopathological study.
19. Histopathological study of the vital organs after induction of myocardial infarction using ligation of lateral branch of the left coronary artery in rabbit.
20. Evaluation of the effects of prenatal induction of polycystic ovary syndrome on hormonal and pathologic characteristics of female rat tissues.
21. A new method for NH_4Cl -induced ulcerative colitis in rat model.
22. Assessment of changes in serum level of miR-122 in Syrian mice after induction of cutaneous and visceral leishmaniasis and treatment with Amphotericin B.
23. Evaluation of the effect of mixture of *Abrus precatorius*, *Falcaria vulgaris* and *Azadiracta indica* on fertility in male and female rat.
24. A comparison study of wound healing process of experimental burn by heated metal and scalding in rat model: histopathologic findings.
25. A study on the effect of cabergoline on fetal development in chick embryo model; angiogenic activity, pathological findings, and assessment of serum prolactin.

References are available on your request