



Kermanshah University of Medical Sciences (KUMS)
Medical Faculty

Ali Ghanbari Ph. D

Associate professor of Anatomical sciences

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Education

Ph.D. (2005-2009) in **Anatomical Sciences**, Medical Faculty, Ahvaz University of Medical Sciences, Ahvaz, Iran

M.Sc. (1998-2001) in **Anatomical Sciences**, Medical Faculty, Tarbiat modarres University of Medical Sciences, Tehran, Iran

B.Sc. (1991-1995) in **Technical orthopedic**, Rehabilitation Faculty, Iran University of Medical Sciences, Tehran, Iran

Work Experience:

2001-2003: Faculty member, Department of Anatomy, Medical Faculty, Arak University of Medical Sciences, Arak, Iran

2009-2016: Faculty member, Fertility and Infertility center, Medical Faculty, Kermanshah University of Medical Sciences, Kermanshah, Iran

2009-present: Faculty member, Department of Anatomical Sciences, Medical Faculty, Kermanshah University of Medical Sciences, Kermanshah, Iran

Reviewer for journals

- Andrologia (2)
- Biomedical Engineering (1)
- Dental Research Journal (3)
- Journal of Applied Pharmaceutical Science (1)
- Journal of Applied Biomedicine (1)
- Journal of Environmental Science and Pollution Research (9)
- Phytomedicine (2)
- Research in Pharmaceutical Sciences (1)
- Reproduction, Fertility and Development (1)
- Animal Models and Experimental Medicine (1)
- Turkish Journal of Biochemistry (1)

Executive editor

Congress of student committee at Kermanshah University of Medical Sciences, 2012

Academic member

Iranian society of Anatomical Sciences

Top researcher

- 2009: Kermanshah University of Medical Sciences
- 2010: Kermanshah University of Medical Sciences
- 2011: Kermanshah University of Medical Sciences
- 2012: Kermanshah University of Medical Sciences
- 2013: Kermanshah University of Medical Sciences

Teaching Experience

2009-present; Kermanshah University of Medical Sciences:

Medical faculty:

- Anatomy of Trunk for students of medicine
- Anatomy of Head and neck for students of medicine
- Anatomy of Upper limb for students of medicine
- Anatomy of Lower limb for students of medicine
- Neuroanatomy for students of medicine
- General anatomy for students of medicine
- Anatomy of Urogenital system for students of medicine
- Anatomy of Digestive system for students of medicine
- Anatomy of Respiratory system for students of medicine
- Anatomy of Cardiovascular system for students of medicine
- Anatomy of Urogenital system for international students of medicine (presentation in English)
- Anatomy of Digestive system for international students of medicine (presentation in English)
- Anatomy of Respiratory system for international students of medicine (presentation in English)
- Anatomy of Cardiovascular system for international students of medicine (presentation in English)
- Anatomy of Upper limb for Ms.C student of Anatomical Sciences
- Anatomy of Lower limb for Ms.C student of Anatomical Sciences
- Anthropology for Ph.D student of Anatomical Sciences

- Anatomy of Trunk for students of medicine- Practical class
- Anatomy of Head and neck for students of medicine- Practical class
- Anatomy of Upper limb for students of medicine- Practical class
- Anatomy of Lower limb for students of medicine- Practical class
- Neuroanatomy for students of medicine- Practical class
- General anatomy for students of medicine- Practical class
- Anatomy of Urogenital system for students of medicine- Practical class
- Anatomy of Digestive system for students of medicine- Practical class
- Anatomy of Respiratory system for students of medicine- Practical class
- Anatomy of Cardiovascular system for students of medicine- Practical class
- Anatomy of Urogenital system for international students of medicine (presentation in English) - Practical class
- Anatomy of Digestive system for international students of medicine (presentation in English) - Practical class
- Anatomy of Respiratory system for international students of medicine (presentation in English) - Practical class
- Anatomy of Cardiovascular system for international students of medicine (presentation in English) - Practical class
- Anatomy of Upper limb for Ms.C student of Anatomical Sciences- Practical class
- Anatomy of Lower limb for Ms.C student of Anatomical Sciences- Practical class
- Anthropology for Ph.D student of Anatomical Sciences- Practical class

Nursing & Midwifery faculty:

- General Anatomy for nursing (B.Sc.) students
- General Anatomy for nursing (B.Sc.) students- Practical class
- General Anatomy for midwifery (B.Sc.) students
- General Anatomy for midwifery (B.Sc.) students- Practical class
- Anatomy of Pelvis for midwifery (B.Sc.) students
- Anatomy of Pelvis for midwifery (B.Sc.) students- Practical class

Paramedicine faculty:

- General Anatomy for anasthesia (B.Sc.) students
- General Anatomy for anasthesia (B.Sc.) students- Practical class
- General Anatomy for laboratory science (B.Sc.) students
- General Anatomy for laboratory science (B.Sc.) students- Practical class
- General Anatomy for surgical room (B.Sc.) students
- General Anatomy for surgical room (B.Sc.) students- Practical class

Dentistry Faculty:

- Anatomy of Head and Neck for dentistry students
- Anatomy of Head and Neck for dentistry students- Practical class
- Neuroanatomy for dentistry students
- Neuroanatomy for dentistry students- Practical class
- Anatomy of Head and Neck for international dentistry students (presentation in English)
- Anatomy of Head and Neck for international dentistry students (presentation in English) - Practical class
- Neuroanatomy for international dentistry students (presentation in English)

- Neuroanatomy for international dentistry students (presentation in English)
- Practical class
- General anatomy for international dentistry students (presentation in English)
- General anatomy for international dentistry students (presentation in English) - Practical class
- Neuroanatomy for international dentistry students (presentation in English)
- Neuroanatomy for international dentistry students (presentation in English)
- Practical class

2001-2003; Arak University of Medical Sciences as Ms.C faculty member:

Medical faculty:

- Anatomy of Trunk for students of medicine
- Anatomy of Head and neck for students of medicine
- Anatomy of Upper limb for students of medicine
- Anatomy of Lower limb for students of medicine
- Neuroanatomy for students of medicine
- General anatomy for students of medicine
- Anatomy of Trunk for students of medicine- Practical class
- Anatomy of Head and neck for students of medicine- Practical class
- Anatomy of Upper limb for students of medicine- Practical class
- Anatomy of Lower limb for students of medicine- Practical class
- Neuroanatomy for students of medicine- Practical class
- General anatomy for students of medicine- Practical class

Nursing & Midwifery faculty:

- General Anatomy for nursing (B.Sc.) students
- General Anatomy for nursing (B.Sc.) students- Practical class
- General Anatomy for midwifery (B.Sc.) students
- General Anatomy for midwifery (B.Sc.) students- Practical class
- Anatomy of Pelvis for midwifery (B.Sc.) students
- Anatomy of Pelvis for midwifery (B.Sc.) students- Practical class

Paramedicine faculty:

- General Anatomy for anasthesia (B.Sc.) students
- General Anatomy for anasthesia (B.Sc.) students- Practical class
- General Anatomy for laboratory science (B.Sc.) students
- General Anatomy for laboratory science (B.Sc.) students- Practical class
- General Anatomy for surgical room (B.Sc.) students
- General Anatomy for surgical room (B.Sc.) students- Practical class
- General Anatomy for general health (B.Sc.) students
- General Anatomy for general health (B.Sc.) students- Practical class

Thesis:

1. "Study of the effect of Activin A on differentiation of mouse embryonic stem cells". March 2009, Ph.D thesis, Ahvaz, Ahvaz, Iran.
2. "Characterization of cell death in MCF-7 breast cancer cell lines following treatment with cisplatin drug by transitional electron microscopy". May 2001, M.Sc thesis, Medical Faculty, Tarbiat modarres, Tehran, Iran.

Theses:

Supervised

1. Nigella Sativa Antioxidant property on Aging of the Skin: a review study (Kermanshah 2022)
2. Evaluation of the Synergistic effect of Melittin and Everolimus on activation of intracellular and extracellular pathway and apoptosis on MCF-7 human breast cancer cells (Kermanshah 2022)
3. The effect of Bioactive substances in bee products on deltamethrin-induced liver and kidney injury: a review study (Kermanshah 2021)
4. Investigation on the Pogostone effect on the dacarbazine induced autophagy in melanoma cell line (Kermanshah 2022)
5. The effect of retinoic acid loaded on nano- chitosan on testicular tissue adult male mice hyperthermic scrotal model (Kermanshah 2022)
6. Survey of protective and therapeutic effects of minocycline on the beta-amyloid induced learning and memory deficit in male rats: a behavioral, biochemical and histological study (Kermanshah 2022)
7. Investigating the factors affecting the quality of virtual anatomy classes from the perspective of students of Kermanshah University of Medical Sciences in 2021 (Kermanshah 2022)
8. Resveratrol attenuates deltamethrin induced renal damage by declining oxidative stress in rats (Kermanshah 2020)
9. Effects of harmine on liver damages induced by cisplatin in male Balb/c mice (Kermanshah 2020)
10. Effects of harmine on kidney disorders induced by cisplatin in male Balb/c mice (Kermanshah 2020)
11. Survey on the Protective Effect of royal jelly on sperm parameters disorders -induced by dichlorvos in wistar adult male rat (Kermanshah 2019)
12. The survey of the protective effect administration of Harmine extracts on liver disorders induced by peripheral administration of Mercuric chloride in male mice (Kermanshah 2020)

13. The effect of Harmine on kidney damages induced by peripheral administration of Methotrexate in male mice (Kermanshah 2020)
14. The survey of Harmine on kidney disorders induced by administration of Mercuric chloride in male mice (Kermanshah 2019)
15. Study of protective effect of hydro-alcoholic extract of *Falcaria vulgaris* on the kidney damage induced by HgCl₂ in male wistar rat (Kermanshah 2019)
16. Survey of protective effect of royal jelly on renal injury caused by renal ischemia/reperfusion in male rats (Kermanshah 2019)
17. Study of protective effect of acacetin on liver injury caused by renal ischemia-reperfusion in mice (Kermanshah 2018)
18. Evaluation of the Effect of Royal Jelly on Cisplatin-Induced Renal Impairment in Mice (Kermanshah 2018)
19. Survey of protective effect of acacetin on renal ischemia/ re-perfusion injury in mice (Kermanshah 2017)
20. Study of Acacetin on spermatogenesis and OCTN3 gene expression in mice compared to Cisplatin drug (Kermanshah 2017)
21. Study of synergic effect of Tamoxifen and pentoxifylline drugs on apoptosis of human breast cancer cell lines (Kermanshah 2016)
22. Investigating the relationship between height and ulna bone length in female medical students of Kermanshah Faculty of Medical Sciences in 2013 (Kermanshah 2014)
23. Investigating the protective effect of hydroalcoholic extract of Khasak prickly pear on non-alcoholic fatty liver induced in male rats (Kermanshah 2014)
24. Investigating the effect of pentoxifylline drug on reproductive parameters in diabetic male rats (Kermanshah 2014)
25. Comparative investigation of the dimensions of the occipital condyles in the skull bone (Kermanshah 2014)
26. Investigating the amount of cytoplasmic parts of embryos of mice exposed to weak electromagnetic waves (Kermanshah 2014)
27. Investigating the effect of foot anthropometric factors in preschool children (Kermanshah 2013)

28. Investigating the effect of hydroalcoholic extract of this plant on reproductive parameters in diabetic male rats (Kermanshah 2013)
29. Anomalous origin of the circumflex branch from the right coronary artery (Kermanshah 2013)
30. Investigating the protective effect of hydroalcoholic extract of tribulus terrestris on cytotoxicity caused by cisplatin drug on testicular tissue and sperm parameters of mice. (Kermanshah 2013)
31. Investigating the effect of testosterone, finasteride and castration on thyroxine, non-boron hormone, testis and prostate of adult male rats. (Kermanshah 2013)
32. Investigating the effect of short-term use of haloperidol on the prefrontal cortex cells of rats (Kermanshah 2013)
33. Investigating the effects of age and gender on human brain volume (Kermanshah 2013)
34. Anatomical diversity of the orbital cavity in the Iranian race (Kermanshah 2013)
35. Investigating the effect of hydroalcoholic extract of this plant on kidney tissue damage caused by cisplatin drug in male rats (Kermanshah 2013)
36. Investigating the synergistic effect of thymoquinon on tamoxifen-induced apoptosis in human breast cancer cell lines (Kermanshah 2013)
37. Relationship between skull size and brain volume with age, gender, weight, height and body mass index in Arak medical students (Kermanshah 2012)
38. Investigating the effect of noscapine on human endometrial stromal cells in culture medium (Kermanshah 2012)
39. Investigating the growth pattern of Araki children aged 7-12 compared to other ethnic subgroups of Iran (Kermanshah 2011)
40. Investigating the age of onset of menstruation and some factors related to it in Arak city in 2018 (Kermanshah 2011)
41. Investigating the effect of prenatal water deprivation stress on the histological structure of rat testis (Kermanshah 2011)
42. Investigating the effect of electromagnetic field with a frequency of 50 Hz on blastocyte quality in mice (Kermanshah 2011)

43. Examining the histological changes of the cerebral cortex following the use of haloperidol (Kermanshah 2011)
44. Investigating the age of onset of menstruation and some factors related to it in Kermanshah city in 2010 (Kermanshah 2011)
45. Investigating the effect of thymoquinin on methotrexate-induced apoptosis in mouse testis (Kermanshah 2011)
46. A study of synergic effect of Tamoxifen and Tranilast on cell proliferation, metastasis and angiogenic factors of human breast cancer cells (Kermanshah 2010)
47. Survey of caffeine effect on cisplatin cytotoxicity on mouse testis and sperm parameters (Kermanshah 2010)
48. Investigating the effect of caffeine on cell damage caused by cisplatin drug on rat kidney tissue (Kermanshah 2010)
49. Comparison of serum levels of cortisol, testosterone, estradiol and growth hormone in hyperactive and normal boys (Kermanshah 2011)

Advised:

50. Evaluation of hepatic protection effect of Fumariacea plant extract on carbon tetra chloride (CCl₄)-induced toxicity in vitro (Kermanshah 2022)
51. Study of the effect of ethanolic extract of wild pistachio leaf (*Pistacia Khinjuk*) on migration, invasion and adhesion of prostate cancer cell line (Kermanshah 2022)
52. Evaluation of the effect of harmine and alginate and chitosan/laminin scaffolds on differentiation of urine-derived stem cell into neural cells (Kermanshah 2022)
53. The effect of Andrographolide on the expression of PI3K / AKT / mTOR genes in thyroid cancer cell line (Kermanshah 2022)
54. The effect of Dioscin on the expression of PTEN and DACT1 genes and apoptosis in thyroid cancer cells (Kermanshah 2022)
55. Evaluation of the effect of Methyl protodioscin on dacarbazine-induced autophagy and apoptosis in melanoma cell line (Kermanshah 2022)
56. Evaluation of the effects of Pogostemon cablin active ingredient on PTEN and DACT1 gene expression, cell cycle and apoptosis in two categories of breast cancer cells (mcf-7 and mda-mb231) (Kermanshah 2021)

57. Investigation on the cell death induced by Methyl protodioscin in thyroid cancer cell line (Kermanshah 2022)
58. The effect of experimental alcoholism on the process of spermatogenesis, spermiogenesis, oxidative stress factors and expression of P21 and cyclin D1 in testicular tissue (Kermansha 2021)
59. Assessment of academic motivation factors in medical students in Kermanshah university of medical sciences in virtual aducation in 2020 (Kermanshah 2021)
60. Evaluation of the effect of taraxastrol on the invasion, migration and adhesion of human glioblastoma cancer cell lines (Kermanshah 2021)
61. Investigation on the effect of harmine drug resistance and the escape from host immune system related-microRNA and genes expression profile in glioblastoma multiforme (Kermanshah 2020)
62. Comparative study of possible synergistic effects of ebulin in Sambucus nigra on the toxicity produced by the use of dextrorubicin and cisplatin in MCF-7 and MDA MB-231 breast cancer (Kermanshah 2021)
63. The effect of palm olein in male reproductive system (Kermanshah 2019)
64. Protective effect of the Royal jelly on liver damage -induced by dichlorvos in wistar adult male rat (Kermanshah 2018)
65. The survey of the Thymoquinone effect on reproductive parameters disorders in Paclitaxel -induced wistar male rats (Kermanshah 2018)
66. The prevalence of musculoskeletal injuries of the lower limbs (lower back, thigh and buttocks, knees and ankles) caused by work in Iran by meta-analysis (Kermanshah 2018)
67. The prevalence of musculoskeletal disorders in the upper limb (neck, waist, wrist, elbow and upper back) in Iran using meta-analysis (Kermanshah 2018)
68. The study Effect of royal jelly on impairment of reproductive parameters and expression of genes P21, Bcl2, Caspase III in the testis of male rats injected with nicotine (Kermanshah 2017)
69. Evaluation of neuroprotective effect of Resveratrol during acute ischemic stroke on neurologic deficit (Kermanshah 2017)
70. The survey of pentoxifylline drug on by dimethyl nitrosamine- induced of liver damage in male rat (Kermanshah 2017)

71. Investigating the relationship between height and ulna bone length in female medical students of Kermanshah Faculty of Medical Sciences in 2013 (Kermanshah 2014)
72. Investigating the protective effect of hydroalcoholic extract of Khasak prickly pear on non-alcoholic fatty liver induced in male rats (Kermanshah 2014)
73. Investigating the effect of pentoxifylline drug on reproductive parameters in diabetic male rats (Kermanshah 2014)
74. Comparative investigation of the dimensions of the occipital condyles in the skull bone (Kermanshah 2014)
75. Investigating the amount of cytoplasmic parts of embryos of mice exposed to weak electromagnetic waves (Kermanshah 2014)
76. Investigating the effect of foot anthropometric factors in preschool children (Kermanshah 2013)

Articles

English (92; **Bolds are corresponding author**)

1. Zhaleh M, IR, AG, YK, FKH. Investigating the Effects of Hemiscorpius Lepturus Scorpion Venom on Survival, Apoptosis, Nitric Oxide Release, Poly (ADP-ribose Polymerase Level and Adenomatous Polyposis Coli Gene Expression in Colorectal Cancer Cell Line. Journal of Knowledge & Health in Basic Medical Sciences. 2025;19(4):2-12.
2. Fathi S, Jalili C, Rashidi I, **Ghanbari A**. The Effect of Melittin on Autophagy Induced by Everolimus in MCF-7 Human Breast Cancer Cells. Journal of Kermanshah University of Medical Sciences. 2025;29(1):e142464.
3. Ghanbari A, Jalili C, Shahveisi K, Akhshi N. Harmine exhibits anti-apoptotic properties and reduces diabetes induced testicular damage caused by streptozotocin in rats. Clinical and experimental reproductive medicine. 2024;54:324-33.
4. Esmaeli M, Ghanbari A, Barazesh M, Dehabadi MD. Nigella sativa (Black Seed) and Breast Cancer: A Systematic Review. Indian Journal of Gynecologic Oncology. 2024;22(4):1-7.
5. Esmaeli M, Barazesh M, Karimi Z, Roshankhah S, Ghanbari A. Molecular signaling directing neural plate border formation. Int J Dev Biol. 2024;68(2):65-78.
6. Abdolmaleki A, Zhaleh M, Ghanbari A, Rashidi I, Jalili C, Feizi F, Hematabadi FK. Hydroalcoholic Extract of Fumaria Parviflora L. Can Potentially Detoxify HepG2 Cell Line Following Carbon Tetrachloride Exposure. Journal of Clinical Research in Paramedical Sciences. 2024;13(2):Abdolmalek.
7. Ghanbari A, Jalili C, Shahveisi K, Raissi F, Mazini F, Akhshi N. Antioxidant, anti-apoptotic and anti-inflammatory effects of acacetin against deltamethrin-induced hepatotoxicity in mice: a biochemical and histopathological study. Koomesh. 2023;25(4):486-94.
8. Safaei Pourzamani M, Oryan S, Jalili C, Yaghmaei P, **Ghanbari A**. Effects of Royal Jelly on Apoptosis and the Expression of Apoptotic Genes on Testicular Tissue in Male Balb/C Mice Treated with Daunorubicin. Journal of Mazandaran University of Medical Sciences. 2023;33(220):19-30.

9. Mazini F, Abdollahifar M-A, Niknejad H, Manzari-Tavakoli A, Zhaleh M, Asadi-Golshan R, **Ghanbari A**. Retinoic acid loaded with chitosan nanoparticles improves spermatogenesis in scrotal hyperthermia in mice. *Clinical and Experimental Reproductive Medicine*. 2023;50(4):230.
10. Gholami Mahmoudian Z, Ghanbari A, Rashidi I, Amiri I, Komaki A. Minocycline effects on memory and learning impairment in the beta-amyloid-induced Alzheimer's disease model in male rats using behavioral, biochemical, and histological methods. *European Journal of Pharmacology*. 2023;953:175784.
11. Ghanbari A, Jalili C, Rashidi I, Toranj H, Raissi F, Mazini F, Akhshi N. Pogostone effect on dacarbazine-induced autophagy and apoptosis in human melanoma cells. *World cancer research journal*. 2023;10:e2677.
12. Ghanbari A, Jalili C, Abdolmaleki A, Zhaleh M, Zarinkhat A, Akhshi N. *Falcaria vulgaris* L. hydroalcoholic extract protects against harmful effects of mercuric chloride on the rat kidney. *Avicenna Journal of Phytomedicine*. 2023;13(4):442.
13. Alvani A, Jalili C, Shiravi A, Vaezi G, **Ghanbari A**. Acacetin Inhibits Oxidative Stress and Inflammation in Renal Ischemia-Reperfusion Injury. *Jentashapir J Cell Mol Biol*. 2023;14(1):e136185.
14. Ahmadi F, Pazhouhi M, Bakhtiari M, Khani-Hematabadi F, Ghanbari A, Gholami M, Jalili C. The Effect of Harmine on Dental Pulp Stem Cells Differentiation Into Neural Cells in Two-Dimensional and Three-Dimensional Cell Cultures. *Jundishapur Journal of Natural Pharmaceutical Products*. 2023;18(4).
15. Zarinkhat A, Jalili C, Pazhouhi M, Rashidi I, Akhshi N, **Ghanbari A**. CXCL12-CXCR4 Axis: Its Role and the Drug Inhibitors on Each Type of Cancers. *World Cancer Research Journal*. 2022;9:e2357.
16. Sariaslani P, Asgharzadeh S, Mohammadi H, Ghanbari A, Hezarkhani LA, Shahbazi F, Mirzaeei S. Does resveratrol enhance recovery from acute ischemic stroke? A randomized, double-blinded, placebo-controlled trial. *Journal of Reports in Pharmaceutical Sciences*. 2022;11(2):192-8.
17. Safaei Pourzamani M, Oryan S, Yaghmaei P, Jalili C, **Ghanbari A**. Royal jelly alleviates side effects of Doxorubicin on male reproductive system: a mouse model

simulated human chemotherapy cycles. *Research Journal of Pharmacognosy*. 2022;9(1):77-87.

18. Safaei Pourzamani M, Oryan S, Jalili C, Yaghmaei P, **Ghanbari A**. Protective Effects of Royal Jelly on the Reproductive System of Male Mice Treated with Daunorubicin. *Scientific Journal of Kurdistan University of Medical Sciences*. 2022;27(1):28-38.

19. Roshankhah S, Ghanbari A, Salahshoor MR, Esmaeli M. *Sambucus Nigra* Synergizes Cisplatin to Improve Apoptosis and Metabolic Disorders, and Reduce Drug Resistance in Two Human Breast Cancer Cell Lines. *Iranian Journal of Toxicology*. 2022;16(2):113-24.

20. Rashidi I, Rashtiani N, Pazhouhi M, Ghanbari A, Zhaleh M, Jalili C. Anti-invasion and Anti-metastasis Effects of Dandelion (*Taraxacum Officinale*) Hydroalcoholic Extract on Glioblastoma Multiforme Cell Line Model. *World Cancer Research Journal*. 2022;9:e2361.

21. Nazar-Zadeh M, Jalili C, Nikgoftar Fathi A, Ghanbari A, Bakhtiari M. Royal-jelly-based apitherapy can attenuate damages to male reproductive parameter following nicotine administration. *Animal models and experimental medicine*. 2022;5(2):133-40.

22. Gholami Mahmoudian Z, Rashidi I, Amiri I, **Ghanbari A**. The effect of minocycline on beta-amyloid-induced memory and learning deficit in male rats: A behavioral, biochemical, and histological study. *Journal of Chemical Neuroanatomy*. 2022;125:102158.

23. Kamani M, Ghanbari A, Taghadosi M, Mansouri K, Jalili C. Harmine Augments the Cytotoxic and Anti-invasive Potential of Temozolomide Against Glioblastoma Multiforme Cells. *Jundishapur Journal of Natural Pharmaceutical Products*. 2022;17(2).

24. Jalili C, Farzaei MH, Rashidi I, Mohammadnezamian A, **Ghanbari A**. Royal jelly protects dichlorvos liver-induced injury in male Wistar rats. *Research in Pharmaceutical Sciences*. 2022;17(2):209-18.

25. Ghanbari A, Roshankhah S, Salahshoor MR, Jalili C, Esmaeli M. Targeting Mitochondrial-Nuclear Apoptotic Signaling Pathways, Metabolic Pathways and Reversal

of Doxorubicin (DOX) Cell Resistance in MCF-7 and MDA-MB-231 Cancer Cell Lines by Sambucus Nigra (SNA). Archives of Breast Cancer. 2022;83-95.

26. Ghanbari A, Jalili C, Salahshoor MR, Javanmardy S, Ravankhah S, Akhshi N. Harmine mitigates cisplatin-induced renal injury in male mice through antioxidant, anti-inflammatory, and anti-apoptosis effects. Research in Pharmaceutical Sciences. 2022;17(4):417-27.

27. Ghanbari A, Jalili C, Abdolmaleki A, Shokri V. Effects of cisplatin and acacetin on total antioxidant status, apoptosis and expression of OCTN3 in mouse testis. Biotechnic & Histochemistry. 2022;97(3):185-91.

28. Alwani A, Shiravi AH, **Ghanbari A**, Vaezi G, Jalili S. Inflammation Reduction by Acacetin Caused by Renal Ischemia-Reperfusion in Rats. journal of animal biology. 2022;15(1):1-8.

29. Zhaleh M, Khamooshi S, **Ghanbari A**. Repeatedly heated palm olein disrupts male reproductive system of rat: A histological and biochemical study. Andrologia. 2021;53(11):e14235.

30. Zamir-Nasta T, Pazhouhi M, Ghanbari A, Abdolmaleki A, Jalili C. Expression of cyclin D1, p21, and estrogen receptor alpha in aflatoxin G1-induced disturbance in testicular tissue of albino mice. Research in Pharmaceutical Sciences. 2021;16(2):182-92.

31. Jalili C, Korani M, Pazhouhi M, Ghanbari A, Zhaleh M, Davoudi S, Rashidi I. Protective effect of gallic acid on nicotine-induced testicular toxicity in mice. Research in Pharmaceutical Sciences. 2021;16(4):414-24.

32. Jalili C, Darakhshan S, Azimi M, **Ghanbari A**. Harmine mitigates liver injury induced by mercuric chloride via the inhibition of oxidative stress. Research Journal of Pharmacognosy. 2021;8(3):13-23.

33. Jalili C, Darakhshan S, Akhshi N, Abdolmaleki A, Abdi A, **Ghanbari A**. Harmine has nephroprotective effect against methotrexate-induced injury in mice via inhibition of oxidative stress. Research Journal of Pharmacognosy. 2021;8(4):9-19.

34. Jalili C, Akhshi N, Raissi F, Shiravi A, Alvani A, Vaezi G, Nedaei SE, **Ghanbari A**. Acacetin Alleviates Hepatitis Following Renal Ischemia–Reperfusion in Male Balb/C Mice by Antioxidants Regulation and Inflammatory Markers Suppression. Journal of Investigative Surgery. 2021;34(5):495-503.

35. Ghanbari A, Akhshi N, Nedaei SE, Mollica A, Aneva IY, Qi Y, Liao P, Darakhshan S, Farzaei MH, Xiao J, Echeverria J. *Tribulus terrestris* and female reproductive system health: A comprehensive review. *Phytomedicine*. 2021;84:153462.
36. Shokri V, Jalili C, Raissi F, Akhshi N, **Ghanbari A**. Evaluating the effects of acacetin versus a low dose of cisplatin drug on male reproductive system and kidney in mice: with emphasis on inflammation process. *Andrologia*. 2020;52(1):e13444.
37. Shiravi A, Jalili C, Vaezi G, Ghanbari A, Alvani A. Acacetin attenuates renal damage-induced by ischemia-reperfusion with declining apoptosis and oxidative stress in mice. *International Journal of Preventive Medicine*. 2020;11:22.
38. Jalili C, Ghanbari A, Roshankhah S, Salahshoor MR. Toxic effects of methotrexate on rat kidney recovered by crocin as a consequence of antioxidant activity and lipid peroxidation prevention. *Iranian biomedical journal*. 2020;24(1):39-46.
39. Jalili C, Akhshi N, Rashidi I, **Ghanbari A**. Harmine protects mercuric chloride kidney-induced injury by antioxidant activity in male mice: a biochemical and histological study. *Research in pharmaceutical sciences*. 2020;15(6):541-50.
40. Ramezani M, Shokri V, Ghanbari A, Salehi Z, Niknami KA. Stature estimation in Iranian population from x-ray measurements of femur and tibia bones. *Journal of Forensic Radiology and Imaging*. 2019;19:100343.
41. Imani MM, Farzaneh S, Ghanbari A, Arab S. Cephalometric norms in an Iranian Kurdish population according to the Steiner analysis. *Iranian Journal of Orthodontics*. 2019;14(1):e63439.
42. Shikhbahaei F, **Ghanbari A**, Keshtmand Z. Therapeutic effect of thymoquinone against methotrexate-induced damage on sperm parameters in mice. *International Journal of Morphology*. 2018;36(2):519-22.
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