



Kermanshah University of Medical Sciences (KUMS)
Medical Faculty

Ali Ghanbari Ph. D

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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:

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

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

Referee for Behbood Journal

Referee for African Journal of Biotechnology

Referee for Jordan Journal of Biological Sciences

Referee for International journal of sexual health

Referee for Universal Journal of Medicine & Dentistry (UJMD)

Referee for International Journal of Fertility & Sterility (IJFS)

Referee for Journal of Health scope

Referee for Tehran University of Medical Science journal (TUMSJ)

Referee for Journal of Assisted Reproduction and Genetics (JARG)

Referee for Iranian Biomedical Journal (IBJ)

Teaching Experience

2009-present; Kermanshah University of Medical Sciences:

Medical faculty: Medical students: Trunk anatomy

Nursing & Midwifery faculty: Nursing (B.Sc.) students: General Anatomy

Dentistry Faculty: Dentistry students: Anatomy of Head and Neck

2005-2009; Ahvaz University of Medical Sciences:

Medical faculty: Medical students: Head and Neck, Trunk, Upper Limb, Lower Limb anatomy

Nursing & Midwifery faculty: Medical documentaries (B.Sc.) students: General Anatomy

2005-2009; Islamic Azad University of Ahvaz:

Nursing & Midwifery faculty: Nursing, Midwifery students: General Anatomy

2004-2008; Islamic Azad University of Arak:

Nursing & Midwifery faculty: Nursing, Midwifery Physical education, and Laboratory Science students: General Anatomy

Midwifery students: Embryology, Histology and cytology

Laboratory Science students: Histology, Pathology

Faculty of health: Health students: General Anatomy

1999-2004; Arak University of Medical Sciences:

Medical faculty: *Medical students:* Head and Neck, Trunk, Upper Limb, Lower Limb anatomy

Nursing & Midwifery faculty: *Nursing, Midwifery, Laboratory Science, Technicians of surgical Room, Technicians of Anesthetics students:* General Anatomy

Nursing & Midwifery faculty (Khomein): *Nursing:* General Anatomy

Faculty of health: *Health students:* General Anatomy

Honor:

2009: **Distinguished Researcher** in Kermanshah University of Medical Sciences

Thesis:

"Study of the effect of Activin A on differentiation of mouse embryonic stem cells". March 2009, Ph.D thesis, Ahvaz UMS.

“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 UMS.

Supervised thesis ():

Survey of thymoquinone on cytotoxicity derived by methotrexate in rat testis

Consulted thesis (1):

The study of Anthropometric Indices In 7-12 year old In Arak City

Projects:

Supervised (10)

1. Study of the effects of Low frequency electromagnetic field on histological structure of ovary in NMARI mice by stereological methods (Arak 2002)
2. Study of differentiation of insulin secreting cells from definitive endoderm of mouse embryonic stem cells (Kermanshah 2009)
3. A study of synergic effect of Tamoxifen and Tranilast on cell proliferation, metastasis and angiogenesis factors of human breast cancer cells (Kermanshah 2009)
4. Survey of caffeine effect on cisplatin cytotoxicity on mouse testis and sperm parameters (Kermanshah 2009)
5. Simultaneous staining of arterial system with cadaver fixation(Kermanshah 2010)
6. The Study of the age at menarche and some related factors in Kermanshah city in 2011(Kermanshah 2011)
7. Survey of Caffeine on nephrotoxicity induced by cisplatin in balb/c mice (Kermanshah 2011)

8. Histopathological effects of Haloperidol drug on cerebral cortex of rat (Kermanshah 2011)
9. The effects of prenatal water deprivation on testes of rat: A histological study (Kermanshah 2011)
10. Effects of low electromagnetic field on quality of Blastocysts of mice (Kermanshah 2011)

Coworker (3):

- 1- Separation and differentiation of stem cells from olfactory epithelium of rat towards endothelial cells (Kermanshah 2009)
- 2- Separation and differentiation of stem cells from olfactory epithelium of rat towards internal ear hair cells (Kermanshah 2009)
- 3- Comparison of differentiation of PC12 cells with embryonic stem cells in tridimensional culture media (Kermanshah 2009)

Articles

English (25):

* Correspondent author

1- Ali Ghanbari *, Parvin-Dokht Bayat. Characterization of the head and face in 7–12 years old Fars children of Arak (Central Iran): An anthropometric Study. *Anthrop. Anz*, 2009; 67(1): 77-81. (IF= 0.3)

2- Parvin-Dokht Bayat, Ali Ghanbari *. The evaluation of craniofacial dimensions in female Arak newborns (central Iran) in comparison with other Iranian racial subgroups. *European journal of Anatomy*, 2009; 13(2): 77-82. (Embase)

3- Ghanbari A*, Fatemeh Javadnia, Masomeh Abdolahi. Teaching of gross anatomy for students of medicine by mind map based power point slides. *Medical Teacher*, 2010; 35(1). 272. (IF= 1.2)

4- Mahmood Hashemi- Tabar, Mahmood Orazizadeh, Ali Ghanbari *, Fatemeh Dehbashi. Kinetics of gene expression during exposure of mouse embryonic stem cells to activin A. *Pakistan Journal of Biological Sciences*, 2009;12 (4): 324- 331. (Pubmed)

5- Parvin-Dokht Bayat, Ali Ghanbari *, Bahareh Ghodoosi. A Comparison between the Cerebral Index, Cranial Capacity and Brain Weight of Male And Female 7-12 Years Old Children in Arak (Central Iran). *Anthropologie*; 2009; 12(1): 125–128. (Anthropological Index).

6- Parvin-Dokht Bayat, Ali Ghanbari *, Shima Chehreie. Relationship between BMI and the development of cranium in Arak newborns (Central Iran). *Italian journal of Anatomy and Embryology*, 2010; 115(3): 218-222.(Pubmed)

7- Parvin-Dokht Bayat, Ali Ghanbari *. Comparison of the Cranial Capacity and Brain Weight of Arak (Central Iran) with other Subgroups of Iranian Population. *International journal of morphology*, 2010; 28(1): 323-32.(IF=0.3)

8- Masomeh Abdolahi, Fatemeh Javadnia, Parvin-Dokht Bayat, Rostam Ghorbani, Ali Ghanbari*, Bahareh Ghodoosi. Mind Map Teaching of Gross Anatomy is Sex Dependent. *International journal of morphology*, 2011; 29(1):41-44. (IF=0.43)

9- Shima Chehreie., Soheil Sadri., Mozafar Khazaei., Ali Ghanbari*., Mahmood ayubian., Sara Amiri. Prenatal Water Deprivation Induces Apoptosis in Sexual Dimorphic Nucleus of the Brain of Male New Born Sprague-Dawley Rats. *International journal of morphology*, 2011; 29(2):496-500. (IF=0.3)

10- Parvin Dokht Bayat, Ali Ghanbari*, Saeid Babaei, Mozafar Khazaei, Rostam Ghorbani, Mahmood Ayubian. Effect of exposure to extremely low electro-magnetic field during prenatal period on mice spleen. *Indian Journal of Experimental Biology*, 2011; 49(3): 634-638. (IF=1.3)

11- Parvin-Dokht Bayat., Mozafar Khazaei., Rostam Ghorbani., Mahmood Ayubian., Ali Ghanbari*. Growth pattern in 7-12 years old Arak children (central Iran) in comparison with other ethnic subgroups of Iran. *Italian journal of Anatomy and Embryology*, 2012; 117(1): 1-7, 2012. (Pubmed)

12- Parvin-Dokht Bayat., Ali Ghanbari*., Sepideh Esmaeili., Katayon Esmaeili. Abnormal originating of vertebral artery in the superior mediastinum: A case report. *European journal of Anatomy*. 2011; 15 (2): 117-120. (Embase)

13- Parvin Dokht Bayat, Ali Ghanbari*, Pardis Sohli, Payam Sari-Aslani, Sara Amiri. Correlation of Skull Size and Brain Volume, with Age, Weight, Height and Body Mass Index of Arak Medical Sciences Students. *Int. J. Morphol.*, 2012; 30(1):157-161. (IF=0.3)

14- Parvin-Dokht Bayat, Ali Ghanbari *, Mozafar Khazaei, Rostam Ghorbani, Sara Amiri. Age at menarche and related factors in urban girls of Markazi (Central) Province of Iran. *International journal of morphology. Int. J. Morphol* , 2012; 30(1):15-18. (IF=0.3)

15- Naser Behpoor, Leila Hojatoleslami, Parvin-Dokht Bayat, Ali Ghanbari*. The effect of a group exercise program on muscular function among fall-prone elderly women. *Int. J. Morphol*, 2012; 30(2):567-571. (IF=0.3)

16- Khazaei M, Bayat PD, Ghanbari A *, Khazaei S, Feizian M, Khodaei A, Alian HAS. Protective effects of subchronic caffeine administration on cisplatin induced urogenital toxicity in male mice. *Indian Journal of Experimental Biology*, 2012; 50:638-644. (IF=1.3).

17- Naser Behpoor, Leila Hojatoleslami, Ali Ghanbari*. The effect of a group exercise program on muscular strength and endurance in fall-prone elderly women. *Zahedan J Res Med Sci (ZJRMS)*, 2012; 13(suppl 1): 47. (ISC)

18- Saeid Babaei, Mohammad Bayat, Bahram Kazemi, Nariman Mossafa, Ali Ghanbari*, Mojgan bande poor, Fateme fadaee, Mohammad Jalili. Comparing the effect of Pentoxifylline administration on mast cells maturing process in a diabetic and normoglycemic rat wound healing. *Zahedan J Res Med Sci (ZJRMS)*, [In press]. (ISC)

- 19- Payam Sariaslani, Ali Ghanbari, Parvin Ghanbari. Multifocal inflammatory Leukoencephalopathy Induced by Accidental consumption of levamisole: A case Report. Iranian Journal of Neurology 2012, 11(2):65-69. (Index Copernicus)
- 20- Parvin Dokht Bayat, Mohammad Reza Darabi, Ali Ghanbari, Sara Amiri*, Pardis Sohoul. Effects of prenatal exposure to extremely low electro-magnetic field on in vivo derived blastocysts of mice. Iranian journal of reproductive medicine, 2012; 19(6): 555-560. (IF=0.2)
- 21- Namdar Yousefvand*, Fatemeh Zarei , Ali Ghanbari. Testosterone, finasteride and castration effects on testosterone, insulin, zinc and chromium in adult male rats. IBJ 2013, 17(1): 49-53. (IF=0.2)
22. Rostam Ghorbani, Zahra Tavakol, Ali Ghanbari . Contemporary Staining of Arterial System with Cadaver Fixation: An Experimental Study. Int. J. Morphol, 2012; 30(3):1079-1084.
23. Ali Ghanbari, Mozafar Khazaei, Mahmoud Hashemi-Tabar, Arezou Rabzia, Fardin Fathi, Parvin-Dokht Bayat. Sonic hedgehog inhibition induces mouse embryonic stem cells to differentiate toward definitive endoderm
24. Parvin Dokht Bayat, Masoud Farhadi, Ali Ghanbari. Anomalous Origin of the Circumflex Branch from the Right Coronary Artery. Int. J. Morphol., 2013; 31(1):169-171.

Persian (2):

- 1- Niknafs B, Ghanbari A, Al-Tarihi T. Characterization of cell death in MCF-7 breast cancer cell line after treatment with cisplatin drug by transitional electron microscope. Daneshvar, 2002; 9 (4): 57-62. (ISC)

- 2- Ghanbari A*., Niknafs B., Al-Tarihi T. Cell proliferation arrest in MCF-7 cell line following treatment with cisplatin dug. Rahavard-e-Danesh (Arak medical University Journal), 2001; 4 (3): 12-16. (ISC)

- 3- Naser Behpoor, Leila Hojatoleslami, Ali Ghanbari* .The effect of a group exercise program on muscular strength and endurance in fall-prone elderly women. Zahedan J Res Med Sci (ZJRMS) 2012; 13(suppl 1): 47. [ISC]

Abstracts (18):**International (9):**

- 1- Niknafs B., Ghanbari A*., Al-tarihi T. “Characterization of cell death in mammary adenocarcinoma cell line (MCF-7) following cisplatin treatment by dual florescent staining.” 1st international congress of Cancer, Oromieh, Iran, 2001.

- 2- Ghanbari A*., Bayat PD. “Anthrpometrical indices in local school children of arak city. 4th Asian- pacific. International congress of anatomists (APIAC). Kushadasi, Turkey,2005.

- 3- Ghanbari A*., Niknafs B., Al-tarihi T. “Characterization of two different terminal form of apoptosis in MCF-7 cells treated with cisplatin by transmission electron

microscope.” 4th Asian- pacific. International congress of anatomists (APIAC).
Kushadasi, Turkey, 2005.

4- Javadnia F., Ghanbari A*., Abdolahi M. “Mind map as a novel tool for teaching
anatomy.” 5 th Asian- pacific. International congress of anatomists (APIAC). Tehran,
Iran, 2007.

5- Feyzian M., Ghanbari A*., Khazaie M. Survey of cisplatin and caffeine synergic
effect on sperm parameters in mice. 16th national and international congress on
reproductive medicine, 2010.

6- Mozafar Khazaei., Parvin-Dokht Bayat., Ali Ghanbari*. Evaluation of Age at
Menarche in Girls of Markazi (Central) Province, Iran. 17th national and international
congress on reproductive medicine, 2011.

7- Celecoxib effect on normal human endometrium cultured in three dimensional model
Khazaei M, Rezavand N, Oliapanah E, Ghanbari A, Ansarian A. 18th national and
international congress on reproductive medicine, 2012.

8- The effects of cannabis sativa hydroalcoholic extract on sperm parameters in diabetic
rats. Lotfi N, Khazaei M, Shariatzadeh S, Soleimani Mehranjani M, Ghanbari A. 18th
national and international congress on reproductive medicine, 2012.

9- The effects of prenatal water deprivation on testes of rat: A histological study.
Ghanbari A, Khazaei M, Farhadi-mesterkhani M, Chehreie S, Rabzia A. 18th national
and international congress on reproductive medicine, 2012.

National (9):

1- Bayat PD., Ghanbari A*. Study of the effect of electromagnetic field (50 Hz) on hematopoietic organs of mic embryos. 6th Iranian congress of anatomical sciences. Shiraz, 2004.

2- Bayat PD, Ghanbari A*. Study of the distribution of anthropometric indices in rural school children of Arak in 1380-1381. 6th Iranian congress of anatomical sciences. Shiraz, 2004.

3- Ghanbari A. Neuroanatomical and neuropharmacological basis of neuropsychotic drugs. Congress of Neuropsychotic drugs. Arak. 2007.

4- Ali Ghanbari*, Mozafar khazaei, Abozar Khodaei, Huri al-sadat Alian. Histopathological alteration in the kidney of balb/c mice following administration with caffeine and cisplatin induced nephrotoxicity. 9th Iranian congress of anatomical sciences. Hamedan, 2010.

5- Neuroanatomy of neuropsychotic drugs. Ali Ghanbari*, Mozafar khazaei, Rostam Ghorbani. 9th Iranian congress of anatomical sciences. Hamedan, 2010.

6- Ali Ghanbari, Naser Behpoor, Leila Hojatoleslami, Sedigheh Ganji- Harsini. The effect of a group exercise program on muscular strengthen among fall-prone elderly women. 10th Iranian congress of anatomical sciences. Rasht, 2012.

7- Ali Ghanbari, Mozafar Khazaei, Arezou Rabzia, Fatemeh Sheikhbahaei. Histopathological effects of Haloperidol drug on cerebral cortex of rat. 10th Iranian congress of anatomical sciences. Rasht, 2012.

8- Parvin-Dokht Bayat, Ali Ghanbari, Mozafar Khazaei, Pardis sohoul, Arezou Rabzia. Growth pattern in Markazi province in comparison with other ethnic subgroups of Iran. 10th Iranian congress of anatomical sciences. Rasht, 2012.

9- Pardis Sohoul, Arezou Rabzia, Parvin-Dokht Bayat, Ali Ghanbari. Comparison of Cortisol, Testosterone, Estradiol, and Growth Hormone serum level between patient with Attention Deficit Hyperactive Disorder and normal child. 10th Iranian congress of anatomical sciences. Rasht, 2012.

Books (5):

Write:

1- Darabi MR., Bayat PD., Sakhaei A., Sheikholeslam B., **Ghanbari A.** General anatomy. Arak Medical University Press, 2007.

2-Safikhani Z., Movasaghi S., **Ghanbari A.** Anatomy of autonomic nervous system. Ahvaz Medical University Press, 2006.

3- Safikhani Z., **Ghanbari A.**, Movasaghi S. Anatomy of Reticular formation of the brain. Teimoorzadeh Press. 2009.

Translation:

1- Heidari MH., Almasieh MA., Piryae A., Khalaatbari AR., **Ghanbari A.** Chaurasia Anatomy: Upper and Lower Limbs, 3rd edition, Omid press. 2001.

2- Heidari MH., Almasieh MA., Piryae A., Khalaatbari AR., **Ghanbari A.** Chaurasia Anatomy: Thruunk, Andishmand press. 2005.