

Curriculum vita



Name: Mohammad Mohsen Taghavi, Associate Professor of Anatomy

Date of birth: December 17, 1964

Languages: Fluent in Persian, English (intermediate)

Address: Department of Anatomy, Histology and Embryology, school of medicine, Rafsangan, University of Medical Sciences, IRAN

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Education

B.Sc. in Biology, Faculty of sciences, Bahonar University, Kerman, Iran

M.sc. in Anatomy, school of medicine, Kerman University of Medical sciences, Kerman, Iran.

Ph.D in Anatomy, school of medicine, Mashhad, University of Medical Sciences, Iran.

Experience

Teaching: Theory and practice of the following courses: Human Anatomy and Embryology for residents and medical students at Rafsangan, Kerman and Mashhad University of Medical Sciences, Rafsangan, Kerman and Mashhad, Iran. Since 1991.

Workshop

1- Methods in Neuroscience Research I. 24 hours,, Feb 27-29, 2007. Mashhad University of Medical Sciences, Mashhad, Iran.

2- Methods in Neuroscience Research [I]. 24 hours, Feb 16-20, 2008. Mashhad University of Medical Sciences, Mashhad, Iran.

۳- کارگاه کاربرد و تهیه مواد و وسایل آموزشی. ۲۱-۲۲ مهر ماه ۱۳۷۸. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی رفسنجان. رفسنجان. ایران

- ۴- کارگاه آموزشی تکمیلی ارزشیابی. ۳۰-۲۹ خرداد ماه ۱۳۷۶. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی رفسنجان. ایران
- ۵- کارگاه روش تحقیقاتی مقدماتی. ۱۵-۱۰ مهرماه ۱۳۷۸. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی رفسنجان. رفسنجان. ایران
- ۶- کارگاه مقاله نویسی. ۳۱-۳۰ فروردین ماه ۱۳۷۹. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی رفسنجان. رفسنجان. ایران
- ۷- کارگاه فرهنگی. ۱۵ دی ماه ۱۳۹۲. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی رفسنجان. رفسنجان. ایران
- ۸- کارگاه فرهنگی. ۸ تیر ماه ۱۳۹۳. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی رفسنجان. رفسنجان. ایران
- ۹- همایش مدیران آموزش. ۲ مرداد ۱۳۹۲. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی رفسنجان. رفسنجان. ایران
- ۱۰- همایش مدیران آموزش. ۳ دی ۱۳۹۲. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی زابل. زابل. ایران
- ۱۱- کارگاه معرفت افزایی ۱۸ آذر ۱۳۹۳. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی رفسنجان. رفسنجان. ایران

Research Interests

Developmental Biology, Cellular and Molecular Biology, Immunohistology, toxicology and illegal medicine.

Experimental Training

Anatomical Sciences, Immunohistochemistry (TUNEL & PCNA staining Methods), Histological staining Methods.

Publications

1. shariati M, Ravari A, Jafarinaveh HR, **Taghavi MM**. Study of Histological Recanalization of ductus deferens after vasectomy in rat. Journal of Sabzevar school of Medical Sciences. Fall & Winter 1999, Number 3,4. 95-104.
2. **Taghavi. MM**, Khaksari M. Acceleration of skin wound healing chronic diabetic rat by topical application of fish oil. Journal of semnan University of Medical Sciences, Fall & Winter 2002-3, Vol.4, No. 1 & 2:61-73.

3. Jafarinaveh HR, Khaksari M, **Taghavi MM**, shariati M, Rezaei-zadeh A. The effect of dietary polyunsaturated fatty acid on skin wound healing in chronic diabetic rat. Journal of Kerman University of Medical Sciences. Spring 2005, Volume 12, Number 2:99-109.
4. Moallem SA, Ahmadi A, Moshafi MH, **Taghavi MM**. Evaluation of fetal toxicology of HESA-A, a natural anticancer agent, in mice. Journal of Kerman University of Medical Sciences. Spring 2007, Volume 14, Number 2: 124-33
5. Ahmadpour SH, **Taghavi M.M**, Haghir H. Effect of demineralized bone matrix on induction and conduction of osteogenesis in alveolar bone of type I diabetic rats. Journal of Rafsangan University of Medical Sciences, Spring 2007, Volume 6, Number 1, 53-60.
6. **Taghavi MM**, shariati M, Seyed Mirzaei S.M. A Rare Anatomical Innervation of the Musculocutaneous Nerve. Journal of Rafsangan University of Medical Sciences, Autumn 2007, Volume 6, Number 2, 85-90.
7. **Taghavi MM**, Alavi SS, Moallem SA. Evaluation of methamphetamine effects on number, morphology and motility of mature rat sperm. Journal of Kerman University of Medical Sciences.
8. Alavi SH, **Taghavi MM**, Moallem SA. Evaluation of effects of methamphetamine repeated dosing on proliferation and apoptosis of rat germ cells. Syst Biol Reprod Med. 2008 Mar-Apr; 54(2):85-91.
9. **Taghavi MM**, Moallem SA, Alavi SH. The Evaluation of single dose effects of methamphetamine on cellular proliferation and apoptosis of sperm germ cells in mature rat Journal of Asfahan Medical Sciences. Vol 27, No 97, September 2009.
10. **Taghavi MM**, Jafari Naveh HR, Shariati M, Morteza Zadeh M. Sirenomelia (mermaid syndrome): an infant from parents who used a special form of snuff. Pak J Biol Sci. 2009 May 1; 12(9):722-5.
11. Moallem SA, Ahmadi A, Moshafi M and **Taghavi MM**. Teratogenic effects of HESA-A, a natural anticancer product from Iran, in mice. Human Exp Toxicol. 2010 Aug 3.
12. Morteza Zadeh F, **Taghavi MM**, Movahhedein M, Jafari Naveh H. Evaluation of the Testosterone Administration Accompanying with Sonotherapy on the Number and Function of Sperms in Mature Male Mice. Journal of Zanjan University of Medical Sciences & Health Services 2010;18(72): 25-33.
13. **Taghavi M.M**, Jafari Naveh. Indirect inguinal hernia without torsion of greater omentum. Journal of Rafsangan University of Medical Sciences, Journal of Rafsanjan University of Medical Sciences 2010;9(4): 331-6.
14. **Taghavi M.M**, Mahmoudian AR, Pourmasumi S, Jafari Naveh HR, Alavi SH. The effect of angi pars as an herbal medicine on sperm count and the ratio of testis weight to body weight in diabetic rat. J Mazand univ Med Sci 2011;21(81):69-75
15. Jafari Naveh HR, **Taghavi MM**, Shariati M, Vazeirnejad R and Rezvani ME. Both omega-3 and omega-6 polyunsaturated fatty acids stimulate foot wound healing in chronic diabetic rat. African Journal of Pharmacy and Pharmacology Vol. 5(14), pp. 1713-1717, 15 October, 2011.

16. Vazirinejad R, Soltani M, **Taghavi MM**, Rezaein M. The efficacy of participation of trained general practitioners on promoting the quality of educational curriculum of health internship students working at health centers- rafsanjan 2009. J Rafsanjan Univ Med Sci 2011;10(Suppl): 19-30.[Farsi]
17. Vazirinejad R, Sotoudeh-Maram E, Soltanzadeh AA, **Taghavi MM**. The Effect of childhood viral infections on the incidence of multiple sclerosis. Zahedan J Res Med Sci (ZJRMS) 2013; 15(2): 24-27.
18. **Mohammad Mohsen Taghavi**¹, Mehdi Shariati¹, Hameid Reza Jafari Naveh¹, Akram Mollahoseini¹, Zahra Taghi Pour¹, Reza Vazirinejad², Ahmad Shabani zadeh^{1*}. Poland's syndrome: A cadaver case study. Anatomical Journal 2013;Volume 10, Number 4:45-47.
19. Hamid Reza Jafarinaveh¹, Mohammad Allahtavakoli², Hossein Rezazadeh², Mohammad Kazemi Arababadi³, **Mohammad Mohsen Taghavi**¹, Ali Shamsizadeh², and Mohammad Reza Rahmani². Proinflammatory Cytokines in the Embolic Model of Cerebral Ischemia in Rat. Iran J Allergy Asthma Immunol April 2014; 13(2):125-130.
20. Reza Vazirinejad, Fateme Ayoobi, Mohammad Kazemi Arababadi¹, Mohammad M. Eftekharian², Ali Darekordi³, Mahdi Goudarzvand⁴, Gholamhossein Hassanshahi¹, **Mohammad Mohsen Taghavi**⁵, Behzad Nasiri Ahmadabadi, Derek Kennedy⁶, Ali Shamsizadeh. Effect of aqueous extract of Achillea millefolium on the development of experimental autoimmune encephalomyelitis in C57BL/6 mice. Indian Journal of Pharmacology June 2014; 46(3):303-308
21. R. Vazirinejad¹, M. Rezaeian², **M. Taghavi**³. Assessing Peer Reviewer Comments on a Persian Language Manuscript Sent to an Iranian Scientific Journal, 2010. J Rafsanjan Univ Med Scie 2013; 12(2): 127-136. [Farsi]
22. F. Fatehi¹, **M.M. Taghavi**², G.H. Hasanshahi³, S.E. Hoseini⁴, J. Hoseini⁵, Z. Jamali⁶. Evaluation of Effects of Angi- Pars on Kidney, Brain and Liver Tissues of Chronic Diabetic Rats. J Rafsanjan Univ Med Scie 2013; 12(3): 185-94. [Farsi].
23. H. Ferahmand¹, **M.M. Taghavi**². Evaluation of Skill in Interpreting CT Scan of Brain in the Physicians and Interns Working in the Emergency Ward of Rafsanjan University Hospital, (2012). J Rafsanjan Univ Med Sci 2014; 12(12): 957-64. [Farsi].
24. Anjamrooz SH¹, Taghavi MM, Abedinzadeh M, Yazdi SM, Azari H. Coexistence of multiple arterial variations in the genitourinary system. Ital J Anat Embryol. 2013;118(1):128-35.
25. Tahamtan M¹, Allahtavakoli M¹, Taghavi MM², Rezazadeh H¹, Arababadi MK³, Shamsizade A¹. The Effect of Exercise Preconditioning on Tactile Learning Following Transient Cerebral Ischemia in Male Rats. The Scientific Journal of Zangan University of Medical Sciences 2013;21(84):36-46.
26. Fatehi F¹, Hassanshahi G², **Taghavi MM**^{3*}, Hoseini SE⁴, Hoseini J⁵, Jamali Z⁵. The effective impacts of Angi- Pars on Expression of Some CXC Chemokines Group in STZ-Induced Diabetic Rats. Armaghan-Danesh 2013;18(5):337-346.

27. **Mohammad Mohsen Taghavi**¹, Mahmood Nazari², Rasoul Rahmani², Ahmadreza Sayadi³, Mohammad Reza Hajizadeh^{2,4}, Mohammad Reza Mirzaei^{2,4}, Hassan Ziaaddini⁵, Seyed Mostafa Hosseini-Zijoud⁶ and Mehdi Mahmoodi^{2,4*}. Outcome of Capparis Spinosa Fruit Extracts Treatment on Liver, Kidney, Pancreas and Stomach Tissues in Normal and Diabetic Rats. *Med chem* 4: 717-721. doi:10.4172/2161-0444.1000218.
28. Ahmad Shabanizadeh*♦, Hajar Dahim**, Reza Salahshoor***, Zahra Taghipour*, **Mohammad Mohsen Taghavi***, Hamidreza Gafarineveh*, Bahram Eslami****, Zahra Babazadeh*****, Farangis Fatehi*****. Promoter Methylation Status and Protein Expression of BRCA2 in Patients with Epithelial Ovarian Cancer. *Middle East Journal of Cancer* 2013; 4(1): 15-20.
29. Ahmad Shabanizadeh darehdori^{1*}, Mehdi Nikbakht dastjerdi², Hajar Dahim³, Mohammadreza Slahshoor², Zahra Babazadeh², **Mohammad Mohsen Taghavi**¹, Zahra Taghipour¹, Hamidreza Gaafarineveh¹. Lack of significance of the BRCA2 promoter methylation status in different genotypes of the MTHFR a1298c polymorphism in ovarian cancer cases in Iran. *Asian Pac J Cancer Prev*. 2012;13(5):1833-6.
30. Farangis Fatehi¹, Gholamhossein Hassanshahi², Seyed Ebrahim Hosseini³, Ahmad Shabani Zade⁴ and **Mohammad Mohsen Taghavi**^{4*}. Systemic Effect of Angipars on Regulation of Wound Healing is mediated by CXCR in Diabetes. *Tropical Journal of Pharmaceutical Research* January 2015; 14 (1): 1319-1326.
31. **Taghavi MM**, Moallem SA, Alavi SS. Evaluation permanence of Methamphetamine effects on proliferation and apoptosis of rat germ cells at different times after single dose injection. (submitted).
32. **Mohammad Mohsen Taghavi**, Reza vazirinejad, Khalil Komlakh, Ahmad Shabanizadeh, Hameid Reza Jafari Naveh, Akram Mollahoseini, Mahdi Shariati Kohbanani, Comparing the Effect of Teaching Aids, Review Session, and Practical Session on Learning Anatomy. *Anatomical Journal* May2016;Volume 13, Number 2:93-98.
33. Shariati-Kohbanani M, Zare-Bidaki M, **Taghavi MM**, Taghipour Z, Shabanizadeh A, Kennedy D, Dahim H, Salahshoor MR, Jalili C, Kazemi Arababadi M. DNA Methylation and microRNA patterns are in association with the expression of BRCA1 in ovarian cancer. *Cell Mol Biol (Noisy-le-grand)*. 2016 Jan 11;62(1):16-23. Review.
34. Shariati Kohbanani M, **Taghavi MM**, Shabanizadeh A, Jafari Naveh HR, Taghipour Z, Kazemi Arababadi M³. Different ideas associated renal malformation and laminin $\alpha 5$ expression caused by maternal nicotine exposures. *Cell Mol Biol (Noisy-le-grand)*. 2016 Mar 31;62(3):100-4.
35. Taghizadeh R, Taghipour Z, Karimi A, Shamsizadeh A, Taghavi MM, Shariati M, Shabanizadeh A, Jafari Naveh HR, Bidaki R, Aminzadeh F. The expression of HoxB5 and SPC in neonatal rat lung after exposure to fluoxetine. *Drug Des Devel Ther*. 2016 Nov 2;10:3323-3329. eCollection 2016.
36. Molahosseini A, Taghavi MM, Taghipour Z, Shabanizadeh A, Fatehi F, Kazemi Arababadi M, Eftekhari Vaghefi SH. The effect of the ginger on the apoptosis of hippocampal cells according to the expression of BAX and Cyclin D1 genes and

- histological characteristics of brain in streptozotocin male diabetic rats. *Cell Mol Biol (Noisy-le-grand)*. 2016 Oct 31;62(12):1-5. doi: 10.14715/cmb/2016.62.12.1.
37. Mohammad Mohsen Taghavi, Mahmood Nazari, Rasoul Rahmani, Ahmadreza Sayadi, Mohammad Reza Hajizadeh, Mohammad Reza Mirzaei, Hassan Ziaaddini, Seyed Mostafa Hosseini-Zijoud and Mehdi Mahmoodi. Outcome of Capparis Spinosa Fruit Extracts Treatment on Liver, Kidney, Pancreas and Stomach Tissues in Normal and Diabetic Rats. *Med chem* 2014, 4:10 <http://dx.doi.org/10.4172/2161-0444.1000218>.
 38. Mohammad Kazemi, **Mohammad-Mohsen Taghavi**, Ahmad Shabanizadeh, Zahra Taghipour, Ayat Kaeidi, and Mahdi Shariati-Kohbanani. Investigation of grape sap on wingless/integrated and β -catenin genes expression with histological factors on the hair follicle in rat. *Res Pharm Sci*. 2020 Aug 28;15(4):350-357. doi: 10.4103/1735-5362.293513. eCollection 2020 Aug.
 39. **Mohammad Mohsen Taghavi**, Reza vazirinejad, Khalil Komlakh, Ahmad Shabanizadeh, Hameid Reza Jafari Naveh, Akram Mollahoseini, Mahdi Shariati Kohbanani, Comparing the Effect of Teaching Aids, Review Session, and Practical Session on Learning Anatomy. *Anatomical Journal* May2016;Volume 13, Number 2:93-98.
 40. Shariati-Kohbanani M, Zare-Bidaki M, **Taghavi MM**, Taghipour Z, Shabanizadeh A, Kennedy D, Dahim H, Salahshoor MR, Jalili C, Kazemi Arababadi M. DNA Methylation and microRNA patterns are in association with the expression of BRCA1 in ovarian cancer. *Cell Mol Biol (Noisy-le-grand)*. 2016 Jan 11;62(1):16-23. Review.
 41. Shariati Kohbanani M, **Taghavi MM**, Shabanizadeh A, Jafari Naveh HR, Taghipour Z, Kazemi Arababadi M³. Different ideas associated renal malformation and laminin $\alpha 5$ expression caused by maternal nicotine exposures. *Cell Mol Biol (Noisy-le-grand)*. 2016 Mar 31;62(3):100-4.
 42. Taghizadeh R, Taghipour Z, Karimi A, Shamsizadeh A, Taghavi MM, Shariati M, Shabanizadeh A, Jafari Naveh HR, Bidaki R, Aminzadeh F. The expression of HoxB5 and SPC in neonatal rat lung after exposure to fluoxetine. *Drug Des Devel Ther*. 2016 Nov 2;10:3323-3329. eCollection 2016.
 43. Molahosseini A, Taghavi MM, Taghipour Z, Shabanizadeh A, Fatehi F, Kazemi Arababadi M, Eftekhar Vaghefe SH. The effect of the ginger on the apoptosis of hippocampal cells according to the expression of BAX and Cyclin D1 genes and histological characteristics of brain in streptozotocin male diabetic rats. *Cell Mol Biol (Noisy-le-grand)*. 2016 Oct 31;62(12):1-5. doi: 10.14715/cmb/2016.62.12.1.
 44. Mohammad Mohsen Taghavi, Mahmood Nazari, Rasoul Rahmani, Ahmadreza Sayadi, Mohammad Reza Hajizadeh, Mohammad Reza Mirzaei, Hassan Ziaaddini, Seyed Mostafa Hosseini-Zijoud and Mehdi Mahmoodi. Outcome of Capparis Spinosa Fruit Extracts Treatment on Liver, Kidney, Pancreas and Stomach Tissues in Normal and Diabetic Rats. *Med chem* 2014, 4:10 <http://dx.doi.org/10.4172/2161-0444.1000218>.
- Mohammad Kazemi, Mohammad-Mohsen Taghavi, Ahmad Shabanizadeh, Zahra Taghipour, Ayat Kaeidi, and Mahdi Shariati-Kohbanani.** Investigation of grape sap on wingless/integrated and β -catenin genes expression with histological factors on the

Meetings

1. **Taghavi. MM**, Khaksari M, shariati M, Jafarinaveh HR. Acceleration of skin wound healing chronic diabetic rat by topical application of fish oil. 16th Iranian Congress of Physiology & Pharmacology, Tehran, Iran. May 9-13, 2003.
2. Jafarinaveh HR, Khaksari M, **Taghavi MM**, shariati M, Rezaei-zadeh A. The effect of Dietary Polyunsaturated Fatty Acid on Skin Wound Healing in Chronic Diabetic Rat. 16th Iranian Congress of Physiology & Pharmacology, Tehran, Iran. May 9-13, 2003.
3. Ahmadpour SH, **Taghavi M.M**, Haghir H. Evaluation of Effect of Demineralized Bone Matrix on Induction and conduction of Osteogenesis in Alveolar Bone of Type I Diabetic Rats. 7th Iranian Congress of Anatomical sciences, Kashan, Iran, May 10-12, 2006.
4. **Taghavi M.M**, Haghir H, Ahmadpour SH. Rare variation of musculocutaneous nerve. 7th Iranian Congress of Anatomical sciences, Kashan, Iran, May 10-12, 2006.
5. **Taghavi M.M**, Naderi AR. Evaluation of visual disorders of primary school students in Rafsanjan city in 1998. 9th Iranian Congress of Ophthalmology. Tehran, Iran, November 21-25, 1999.
6. Moallem SA, **Taghavi MM**, Alavi SS. Effects of methamphetamine on sperm parameters, cell proliferation and apoptosis in rat reproductive system. Eleventh international congress of toxicology (ICTXI) July 15-19, 2007 Montreal. Canada, PM7.273 (267).
7. Taghavi MM, Alavi SS, Moallem SA. Evaluation of effects of methamphetamine repeated dosing on proliferation and apoptosis of rat germ cells. The 5th Asian-Pacific International congress of anatomists. The 8th Iranian congress Anatomical sciences. 16- 19 May 2008. Tehran.iran.
8. **Taghavi MM**, Moallem SA, Alavi SH. Evaluation of single dose effects of methamphetamine on proliferation and apoptosis of sperm germ cells in mature rat. Anatomist 2009 - 10th Congress of European Association of Clinical Anatomy. Organized by the Turkish Society of Anatomy and Clinical Anatomy. September 2-5, 2009. Istanbul-Turkey Istanbul-Turkey
9. **Taghavi MM**, Moallem SA, Alavi SH. Poland's syndrome: a cadaver case study. Organized by the Turkish Society of Anatomy and Clinical Anatomy. September 2-5, 2009. Istanbul-Turke
10. **Taghavi MM**, Alavi SH, Moallem SA. Ultrastructural study of the effect of single dose methamphetamine on prloiferation and apoptosis in rat reproduction system. The 1st Congress of Cytotechnology & its Applications. Ferdowsi University of Mashhad, Mashhad, Iran; November 11-12, 2008
11. ۱۰- کنفرانس ارزشیابی و اعتبار بخشی در آموزش علوم پزشکی. ۹ تیر ماه ۱۳۸۸. دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی ایران. تهران. ایران
۱۱- کنگره بیماریهای عفونی و گرمسیری ایران. ۱۹-۱۵ دی ماه ۱۳۸۰. انجمن متخصصین بیماریهای عفونی و گرمسیری ایران. تهران. ایران

Referees

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