



In the name of God

CURRICULUM VITAE (Last updated February, 2025)

Mohammad Khaksari Haddad Bsc, Msc, PhD

1- Personality:

Born: 23/9/1959/ BAM Citizenship:

Iranian

Married with three children

2- Academic training

Bsc in Biology, Kerman University, kerman, Iran, 1984.

Msc in human Physiology, Tarbiat Modarres University, Tehran, Iran, 1989.

Ph.D in human Physiology, Tarbiat Modarres University, Tehran, Iran, 1996. Fellowship in Medical Education, 2015.

3- University employment: professor of physiology, Kerman University of Medical Sciences and health services and Physiology Research Center, Kerman, Iran.

Head of vice chancellor office at Kerman University of Medical Sciences and health services from 2020

4- Membership of societies:

Member of American Physiological Society since 2002.

Ordinary member of Iranian Physiology and Pharmacology since 1992.

5- Research items:

1- The effect of fish oil on wound healing in diabetes

- 2- The effect of ca channel blocker on acute and chronic inflammation
- 3- The effect of calmodulin antagonists on acute and chronic inflammation
- 4- The effect of addiction on control of glucose in diabetes mellitus.
- 5- The role of calcium channel blocker on brain edema.
- 6- The role of sex hormones on brain edema
- 7- Dietary regimens and acute kidney injury

6- Publications:

1. Saberi S, Rajizadeh MA, **Khaksari M**, Saber A, Akhbari M, Aminizadeh S, Rafie F. Various endurance training intensities improve GFR and Up-regulate AQP2/GSK3 β in lithium-induced nephropathic rats. *BMC nephrology*. 2025 Feb 6;26:60.
2. Alifarsangi A, **Khaksari M**, Seifaddini R. Effect of Exercise, MitoQ, and Their Combination on Inflammatory and Gene Expression in Women with Multiple Sclerosis. *Iranian Journal of Allergy, Asthma and Immunology*. 2024 Dec 29;23(6):676-87.
3. Bejeshk, M.A., Najafipour, H., **Khaksari, M.** et al. Myrtenol-loaded niosomes can prevent lung ischemia-reperfusion injury model in rats by balancing the Nrf2/Keap1 and NF- κ B signaling pathways. *Naunyn-Schmiedeberg's Arch Pharmacol* (2025).
4. Khazaneha M, Bakhshinejad B, Mehrabani M, Sabahi A, **Khaksari M**, Shafiee M, Nakhaie M, Rukerd MR, Jafarzadeh A, Mehrbani M. Machine learning in obsessive-compulsive disorder medications. *Heliyon*. 2024 Nov 5.
5. Vaghefi SS, Mousavi F, **Khaksari M**, Asadikaram G, Soltani Z. Sex-related changes in circadian rhythm of inflammatory and oxidative stress markers in CKD. *Iranian Journal of Kidney Diseases*. 2021 Sep 1;15(5):351.
6. Vaghefi SS, Afshar RM, Shahsavari F, Mousavi F, Vaghefi SH, Nosratabadi SJ, **Khaksari M**, Soltani Z, Asadikaram G, Meymandi MS, Hasani AR. Circadian rhythm and body health: A review of the literatur. *Physiology and Pharmacology*. 2024;28(3):237-56.
7. Tirgar A, Rezaei M, Ehsani M, Salmani Z, Rastegari A, Jafari E, Khandani BK, Nakhaee N, **Khaksari M**, Moazed V. Exploring the synergistic effects of vitamin D and synbiotics on cytokines profile, and treatment response in breast cancer: a pilot randomized clinical trial. *Scientific Reports*. 2024 Sep 12;14(1):21372.
8. Darvishzadeh Mahani F, Raji-Amirhasani A, **Khaksari M**, Mousavi MS, Bashiri H, Hajjalizadeh Z, et al. Caloric and time restriction diets improve acute kidney injury in experimental menopausal rats: role of silent information regulator 2 homolog 1 and transforming growth factor beta 1. *Molecular Biology Reports*. 2024;51(1):812.
9. **Khaksari M**, Shahryari M, Raji-Amirhasani A, Soltani Z, Bibak B, Keshavarzi Z, et al. Aloe vera Leaf Extract Reduced BBB Permeability and Improved Neurological Results after Traumatic Brain Injury: The Role of Oxidative Stress. *Oxidative Medicine and Cellular Longevity*. 2024;2024(1):5586814.

10. Farhadi Z, **Khaksari M**, Alivirdiloo V, Mehrjerdi FZ, Alborzi N, Baktash KB, et al. Review on the role of hypothalamic astrocytes in the neuroendocrine control of metabolism. *Journal of Diabetes & Metabolic Disorders*. 2024;1-9.
11. **Khaksari M**, Pourali M, Talabon SR, Navashenaq JG, Bashiri H, Amiresmaili S. Protective effects of 17- β -estradiol on liver injury: The role of TLR4 signaling pathway and inflammatory response. *Cytokine*. 2024;181:156686.
12. Amiresmaili S, **Khaksari M**, Shahrokhi N, Abolhassani M. Corrigendum to" Evolution of TLR4 role in mediating the hepatoprotective effects of estradiol after traumatic brain injury in male rats"[*Biochem. Pharmacol.* 178 (2020) 114044]. *Biochemical Pharmacology*. 2024 Jan 3;220:115987-.
13. Abbasi-Jorjandi M, Asadikaram G, Sharif-Zak M, **Haddad MK**, Afgar A, Arefinia N, Dabiri S, Rosen C. Time Course of Biochemical and Metabolic Parameters During and After COVID-19. *Current Medicinal Chemistry*. 2024.
14. Salari Z, Moslemizadeh A, Tezerji SS, Sabet N, Parizi AS, **Khaksari M**, Sheibani V, Jafari E, Shafiepour S, Bashiri H. Sex-dependent alterations of inflammatory factors, oxidative stress, and histopathology of the brain-gut axis in a VPA-induced autistic-like model of rats. *Birth Defects Research*. 2024 Apr;116(4):e2310.
15. Amirkhosravi L, **Khaksari M**, Sanjari M, Khorasani P. The nongenomic neuroprotective effects of estrogen, E2-BSA, and G1 following traumatic brain injury: PI3K/Akt and histopathological study. *Hormone Molecular Biology and Clinical Investigation*. 2024 Mar 20(0).
16. Bejeshk MA, Najafipour H, **Khaksari M**, Nematollahi MH, Rajizadeh MA, Dabiri S, Beik A, Samareh-Fekri M, Sepehri G. Preparation and evaluation of preventive effects of inhalational and intraperitoneal injection of Myrtenol loaded Nano-Niosomes on lung ischemia-reperfusion injury in rats. *Journal of Pharmaceutical Sciences*. 2024 Jan 1;113(1):85-94.
17. Saberi S, Askaripour **M**, **Khaksari M**, Rajizadeh MA, Bejeshk MA, Akhbari M, Jafari E, Khoramipour K. Exercise training improves diabetic renal injury by reducing fetuin-A, oxidative stress and inflammation in type 2 diabetic rats. *Heliyon*. 2024 Mar 30;10(6).
18. Rahimi Naiini M, Shahouzehi B, **Khaksari M**, Azizi S, Naghibi N, Nazari-Robati M. Ellagic acid reduces hepatic lipid contents through regulation of SIRT1 and AMPK in old rats. *Archives of Physiology and Biochemistry*. 2023;1-8.
19. Bejeshk MA, Aminizadeh AH, Rajizadeh MA, Rostamabadi F, Bagheri F, **Khaksari M**, Azimi M. Ameliorating effects of *Acacia arabica* and *Ocimum basilicum* on acetic acid-induced ulcerative colitis model through mitigation of inflammation and oxidative stress. *Heliyon*. 2023 Nov 1;9(11).
20. Alizadeh E, Sabet N, Soltani Z, **Khaksari M**, Jafari E, Karamouzian S. The administration of oral mucosal mesenchymal-derived stem cells improves hepatic inflammation, oxidative stress, and histopathology following traumatic brain injury. *Transplant Immunology*. 2023 Dec 1;81:101950.
21. Hajializadeh Z, **Khaksari M**. Cardioprotective effects of calorie restriction against inflammation and apoptosis in ovariectomized obese rats: Role of classical estrogen receptors and SIRT1. *Obesity Research & Clinical Practice*. 2023 Nov 1;17(6):492-8.
22. Amirkhosravi L, **Khaksari M**, Amiresmaili S, Sanjari M, Khorasani P, Hashemian M. Evaluating the neuroprotective effects of progesterone receptors on experimental traumatic brain injury: The PI3K/Akt pathway. *Brain and Behavior*. 2023 Nov;13(11):e3244.
23. Abbasloo E, **Khaksari M**, Sanjari M, Kobeissy F, Thomas TC. Carvacrol decreases blood–brain barrier permeability post-diffuse traumatic brain injury in rats. *Scientific Reports*. 2023 Sep 4;13(1):14546.

24. Hajializadeh Z, **Khaksari M**, Dabiri S, Darvishzadeh Mahani F, Raji-Amirhasani A, Bejeshk MA. Protective effects of calorie restriction and 17- β estradiol on cardiac hypertrophy in ovariectomized obese rats. *PLOS ONE*. 2023;18(4):e0282089.
25. Rajizadeh MA, **Khaksari M**, Bejeshk MA, Amirkhosravi L, Jafari E, Jamalpoor Z, et al. The Role of Inhaled Estradiol and Myrtenol, Alone and in Combination, in Modulating Behavioral and Functional Outcomes Following Traumatic Experimental Brain Injury: Hemodynamic, Molecular, Histological and Behavioral Study. *Neurocritical Care*. 2023.
26. Farhadi Z, **Khaksari M**. Tamoxifen Like Estradiol Attenuates Systemic Inflammation in Young and Aged Female Mice Fed with High-Fat Diet. *Journal of Kerman University of Medical Sciences*. 2023;30(2):80-5.
27. Raji-Amirhasani A, **Khaksari M**, Soltani Z, Saberi S, Iranpour M, Darvishzadeh Mahani F, et al. Beneficial effects of time and energy restriction diets on the development of experimental acute kidney injury in Rat: Bax/Bcl-2 and histopathological evaluation. *BMC nephrology*. 2023;24(1):59.
28. Abbasloo E, Amiresmaili S, Shirazpour S, **Khaksari M**, Kobeissy F, Thomas TC. Satureja khuzistanica Jamzad essential oil and pure carvacrol attenuate TBI-induced inflammation and apoptosis via NF- κ B and caspase-3 regulation in the male rat brain. *Scientific Reports*. 2023;13(1):4780.
29. Saberi S, Askaripour M, Afzali H, **Khaksari M**. Educational Tips for Students and Physiology Instructors Regarding Reabsorption of Kidney's Proximal Tubule and Autoregulation: Different Perspectives of Medical and Postgraduate Students. *Journal of Kerman University of Medical Sciences*. 2022;29(6):586-92.
30. Rafie F, **Khaksari M**, Amiresmaili S, Soltani Z, Pourranjbar M, Shirazpour S, et al. Protective Effects of Early Exercise on Neuroinflammation, and Neurotoxicity Associated by Traumatic Brain Injury: a behavioral and neurochemical approach. *International Journal of Neuroscience*. 2022(just-accepted):1-21.
31. Maryam Radavi-Asgar, Nazanin Sabet, **Mohammad Khaksari**, Elham Jafari, Zahra Soltani, Fatemeh Dehghanian, "The Prescription of Oral Mucosal Mesenchymal Stem Cells post-Traumatic Brain Injury Improved the Kidney and Heart Inflammation and Oxidative Stress", *BioMed Research International*, vol. 2022, Article ID 8235961, 12 pages, 2022.
32. Ghoresli Z-A-S, Abbasi-jorjandi M, Asadikaram G, Sharif-zak M, Seyedi F, **Khaksari Haddad M**, et al. Paraoxonase 1 rs662 polymorphism, its related variables, and COVID-19 intensity: Considering gender and post-COVID complications. *Experimental Biology and Medicine*. 2022:15353702221128563.
33. Mohammad Abbas Bejeshk, Amir Hashem Aminizadeh, Mohammad Amin Rajizadeh, **Mohammad Khaksari**, Mahdiyeh Lashkarizadeh, Nader Shahrokhi, Mohammad Javad Zahedi, Maryam Azimi, The effect of combining basil seeds and gum Arabic on the healing process of experimental acetic acid-induced ulcerative colitis in rats, *Journal of Traditional and Complementary Medicine*, 2022,

34. Farhadi Z, **Khaksari M**. A Review on 17- β estradiol a Potent Therapeutic Factor of Diabetic Cardiomyopathy. *Iranian Journal of Diabetes and Obesity*. 2022;14(3):183-8.
35. Farhadi Z, Azizian H, Haji-Seyed-Javadi R, **Khaksari M**. A review: Effects of estrogen and estrogen receptor modulators on leptin resistance: Mechanisms and pathway. *Obesity Medicine*. 2022;34:100446.
36. Sabet N, Soltani Z, **Khaksari M**, et al. The effect of two types of diet on apoptosis indexes, lipid profile and histopathological outcome in acute kidney injury during exercise. *BMC Nephrology*. 2022 Sep;23(1):315. DOI: 10.1186/s12882-022-02938-w. PMID: 36123655; PMCID: PMC9487158.
37. Hajializadeh Z, **Khaksari M**. The protective effects of 17- β estradiol and SIRT1 against cardiac hypertrophy: a review. *Heart Fail Rev*. 2022 Mar;27(2):725-738. doi: 10.1007/s10741-021-10171-0. Epub 2021 Sep 18. PMID: 34537933.
38. Farhadi Z, **Khaksari M**, Azizian H, Dabiri S. The brain neuropeptides and STAT3 mediate the inhibitory effect of 17- β Estradiol on central leptin resistance in young but not aged female high-fat diet mice. *Metab Brain Dis*. 2022 Mar;37(3):625-637. doi: 10.1007/s11011-021-00884-4. Epub 2022 Jan 15. PMID: 35031929.
39. **Khaksari M**, Raji-Amirhasani A, Bashiri H, Ebrahimi MN, Azizian H. Protective effects of combining SERMs with estrogen on metabolic parameters in postmenopausal diabetic cardiovascular dysfunction: The role of cytokines and angiotensin II. *Steroids*. 2022;183:109023.
40. Hajializadeh Z, **Khaksari M**, Najafipour H, Sanjari M, Mahani FD, Raji-Amirhasani A. Substitution of calorie restriction for protective effects of estrogen on cardiometabolic risk factors and oxidative stress in obese postmenopausal rat model. *Life Sciences*. 2022;294:120367.
41. Ghezelbash B, Shahrokhi N, **Khaksari M**, Asadikaram G, Shahrokhi M, Shirazpour S. Protective Roles of Shilajit in Modulating Resistin, Adiponectin, and Cytokines in Rats with Non-alcoholic Fatty Liver Disease. *Chin J Integr Med*. 2022 Jun;28(6):531-537. doi: 10.1007/s11655-022-3307-3. Epub 2022 Mar 8. PMID: 35258780.
42. Azizian H, Farhadi Z, **Khaksari M**. Selective estrogen receptor α and β antagonist aggravate cardiovascular dysfunction in type 2 diabetic ovariectomized female rats. *Horm Mol Biol Clin Investig*. 2022 May 6. doi: 10.1515/hmbci-2021-0073. Epub ahead of print. PMID: 35512107.
43. Farahani F, **Khaksari M**, Amiresmaili S, Iranpour M, Shahrokhi N, AsadiKaram G, et al. Possible involvement of female sex steroid hormones in intracellular signal transduction mediated by cytokines following traumatic brain injury. *Brain Research Bulletin*. 2022;178:108-19.
44. Sabet, N., Soltani, Z., **Khaksari, M**. et al. The effects of two different dietary regimens during exercise on outcome of experimental acute kidney injury. *J Inflamm* 19, 2 (2022). <https://doi.org/10.1186/s12950-022-00299-7>
45. Darvishzadeh Mahani F, **Khaksari M**, Iranpour M, Soltani Z, Raji-Amirhasani A, Hajializadeh Z. Effects of caloric and time restriction diets on kidney health in rat model of postmenopausal

46. Sardari S, Asadi-Shekaari M, **Khaksari M**, Aghaei I, Delavari F, Vaziri Z. Different Types of Environmental Stressors Could Have Disruptive or Constructive Effects on Vestibular Compensation. *Aud Vestib Res*. 2022;31(1):45-52.
47. Raji-Amirhasani A, **Khaksari M**, Shahrokhi N, Soltani Z, Nazari-Robati M, Darvishzadeh Mahani F, Hajializadeh Z, Sabet N. Comparison of the effects of different dietary regimens on susceptibility to experimental acute kidney injury: The roles of SIRT1 and TGF- β 1. *Nutrition*. 2022 Apr;96:111588. doi: 10.1016/j.nut.2022.111588. Epub 2022 Jan 7. PMID: 35167998.
48. Dehghanian F, Soltani Z, Farsinejad A, **Khaksari M**, Jafari E, Darakhshani A, Sabet N, Bashiri H. The Effect of Oral Mucosal Mesenchymal Stem Cells on Pathological and Long-Term Outcomes in Experimental Traumatic Brain Injury. *Biomed Res Int*. 2022 Apr 26;2022:4065118. doi: 10.1155/2022/4065118. PMID: 35528162; PMCID: PMC9071883.
49. Sabet N, Soltani Z, **Khaksari M**. The effects of exercise on kidney injury: the role of SIRT1. *Mol Biol Rep*. 2022 May;49(5):4025-4038. doi: 10.1007/s11033-022-07122-9. Epub 2022 Apr 21. PMID: 35449317.
50. Salmani N, Nozari M, Parvan M, Amini-Sardouei S, Shabani M, **Khaksari M**, Ezzatabadipour M. Nicotine-conditioned place preference, reversal learning and social interaction in MK-801-induced schizophrenia model: Effects of post-weaning enriched environment. *Clin Exp Pharmacol Physiol*. 2022 Aug;49(8):871-880. doi: 10.1111/1440-1681.13674. PMID: 35622536.
51. Tirgari B, **Khaksari M**, Soltani Z, Mirzaee M, Saberi S, Bashiri H. Spiritual Well-being in Patients with Chronic Diseases: A Systematic Review and Meta-analysis. *J Relig Health*. 2022 Oct;61(5):3969-3987. doi: 10.1007/s10943-022-01595-5. Epub 2022 Jul 6. PMID: 35794504.
52. Sepehri G, **Khaksari M**, Vafadar S, Satari H. The prevalence of substance abuse among elective surgical inpatients in teaching hospitals in Kerman, Iran. *Journal of Reports in Pharmaceutical Sciences*. 2022;11(1):104-9.
53. Amirhossein Moslemizadeh, Mohammad Hadi Nematollahi, Sedigheh Amiresmaili, Sanaz Faramarz, Elham Jafari, **Mohammad Khaksari**, Nima Rezaei, Hamideh Bashiri, Reza Kheirandish,
54. Combination therapy with interferon-gamma as a potential therapeutic medicine in rat's glioblastoma: A multi-mechanism evaluation, *Life Sciences*, Volume 305,
55. Chahkandi M, Sepehri G, Komeili G, **Hadad MK**, Haghparsat E, Chahkandi M. The different role of G-protein-coupled receptor 30 (GPR30) in the interaction effects of marijuana and estradiol on spatial learning and memory at different ages. *Brain Res Bull*. 2022 Jan;178:155-163. doi: 10.1016/j.brainresbull.2021.11.006. Epub 2021 Nov 17. PMID: 34800583.
56. Fatemeh Darvishzadeh Mahani, **Mohammad Khaksari**, Alireza Raji-Amirhasani. Renoprotective effects of estrogen on acute kidney injury: the role of SIRT1. *International Urology and Nephrology*

57. Ahmad Alinaghi Langari, Akram Nezhadi, Halimeh Kameshki, Sobhan Mohammadi Jorjafki, Yasamin Mirhosseini, **Mohammad Khaksari**, Manzume Shamsi Meymandi, Masoumeh Nozari. The protective effect of prenatally administered vitamin E on behavioral alterations in an animal model of autism induced by valproic acid. Ahmad Alinaghi Langari, Akram Nezhadi, Halimeh Kameshki, Sobhan Mohammadi Jorjafki, Yasamin Mirhosseini, Mohammad Khaksari, Manzume Shamsi Meymandi, Masoumeh Nozari. *Toxin Reviews*

58. Faegheh Bahri, **Mohammad Khaksari**, Sajjاده Movahedinia, Bentolhoda Shafiei, Mohammad Amin Rajizadeh, Mahdieh Nazari-Robati. Improving SIRT1 by trehalose supplementation reduces oxidative stress, inflammation, and histopathological scores in the kidney of aged rats. *Journal of Food Biochemistry*

59. Zahra Hajializadeh, **Mohammad Khaksari**. The protective effects of 17- β estradiol and SIRT1 against cardiac hypertrophy: a review. *Heart Failure Reviews*

60. Shahrzad Sadat Eftekhari Vaghefi, Fatemeh Mousavi, **Mohammad Khaksari**, Gholamreza Asadikaram, Zahra Soltani. Sex-related changes in circadian rhythm of inflammatory and oxidative stress markers in CKD. *Iranian Society of Nephrology*

61. Mohadeseh Chahkandi, Gholamreza Komeili, Gholamreza Sepehri, **Mohammad Khaksari**, Sedigheh Amiresmaili. Marijuana and β -estradiol interactions on spatial learning and memory in young female rats: Lack of role of the G protein-coupled estrogen receptor (GPR30). *Life Sciences*

62. Nazanin Sabet, Zahra Soltani, **Mohammad Khaksari**. Multipotential and systemic effects of traumatic brain injury. *Journal of neuroimmunology*

63. Hossein Azizian, **Mohammad Khaksari**, Gholamreza Asadikaram, Mansour Esmailidehaj, Nader Shahrokhi. Progesterone eliminates 17 β -estradiol-Mediated cardioprotection against diabetic cardiovascular dysfunction in ovariectomized rats. *biomedical journal*

64. Alireza Raji-Amirhasani, **Mohammad Khaksari**, Fatemeh Darvishzadeh Mahani, Zahra Hajializadeh. Activators of SIRT1 in the kidney and protective effects of SIRT1 during acute kidney injury (AKI)(effect of SIRT1 activators on acute kidney injury) Authors. *Clinical and Experimental Nephrology*

65. Elham Abbasloo, **Mohammad Khaksari Hadad**, Mojgan Sanjari, Hamid Najafipour, Firas Kobeissy. CARVACROL-RICH ESSENTIAL OIL FROM SATUREJA KHUZISTANICA JAMZAD ATTENUATES APOPTOSIS AFTER TRAUMATIC BRAIN INJURIES IN RATS. *JOURNAL OF NEUROTRAUMA*

66. Marzieh Shahryari, Bahram Bibak, **Mohammad Khaksari**, Zakieh Keshavarzi, Neda Salmani, Sara Shirazpour, Fatemeh Alimahdi. Anti-edema effect of Aloe vera leaf extract following traumatic brain injury: Role of pro-inflammatory cytokines. *Avicenna Journal of Phytomedicine*

67. Sedigheh Amiresmaili, Nader Shahrokhi, **Mohammad Khaksari**, Gholamreza AsadiKaram, Mohammad Reza Aflatoonian, Sara Shirazpour, Ladan Amirkhosravi, Abbas Mortazaeizadeh. The Hepatoprotective mechanisms of 17 β -estradiol after traumatic brain injury in male rats: Classical and non-classical estrogen receptors. *Ecotoxicology and Environmental Safety*

68. Hamideh Afzali, **Mohammad Khaksari**, Sajad Jeddi, Khosrow Kashfi, Mohammad-Amin Abdollahifar, Asghar Ghasemi. Acidified nitrite accelerates wound healing in type 2 diabetic male rats: a histological and stereological evaluation. *Molecules*
69. Ladan Amirkhosravi, **Mohammad Khaksari**, Vahid Sheibani, Nader Shahrokhi, Mohammad Navid Ebrahimi, Sedigheh Amiresmaili, Neda Salmani. Improved spatial memory, neurobehavioral outcomes, and neuroprotective effect after progesterone administration in ovariectomized rats with traumatic brain injury: Role of RU486 progesterone receptor antagonist. *Mashhad University of Medical Sciences*
70. Forouzan Frozandeh, Nader Shahrokhi, **Mohammad Khaksari**, Sedigheh Amiresmaili, Gholamreza AsadiKaram, Nava Shahrokhi, Maryam Iranpour. Evaluation of the protective effect of curcumin on encephalopathy caused by intrahepatic and extrahepatic damage in male rats. *Iranian Journal of Basic Medical Sciences*
71. Mina Khaleghi, Mohammad Amin Rajizadeh, Hamideh Bashiri, Kristi Anne Kohlmeier, Fatemeh Mohammadi, **Mohammad Khaksari**, Mohammad Shabani. Estrogen attenuates physical and psychological stress-induced cognitive impairments in ovariectomized rats. *Brain and Behavior*
72. **M Khaksari**, N Sabet, Z Soltani, H Bashiri. Gender-related response of body systems in COVID-19 affects outcome. Санкт-Петербургское региональное отделение Российской ассоциации аллергологов и клинических иммунологов
73. **Mohammad Khaksari**, Zahra Hajializadeh, Saeed Esmaeili Mahani, Zahra Soltani, Gholamreza Asadikaram. Estrogen receptor agonists induce anti-edema effects by altering α and β estrogen receptor gene expression. *Acta Neurobiol Exp*
74. Mohammad Navid Ebrahimi, **Mohammad Khaksari**, Gholamreza Sepehri, Gholamreza Asadi Karam, Alireza Raji-Amirhasani, Hossein Azizian. The effects of alone and combination tamoxifen, raloxifene and estrogen on lipid profile and atherogenic index of ovariectomized type 2 diabetic rats. *Life Sciences* 2020 263, 118573
75. Ladan Amirkhosravi, **Mohammad Khaksari**, Zahra Soltani, Saeed Esmaeili-Mahani, Gholamreza Asadi Karam, Mojtaba Hoseini. E2-BSA and G1 exert neuroprotective effects and improve behavioral abnormalities following traumatic brain injury: The role of classic and non-classic estrogen receptors. *Brain Research*, 2020, 1750, 147168
76. Zeinab Farhadi, **Mohammad Khaksari**, Hossein Azizian, Shahriar Dabiri, Hossein Fallah, Masoumeh Nozari. Aging is associated with loss of beneficial effects of estrogen on leptin responsiveness in mice fed high fat diet: Role of estrogen receptor α and cytokines. *Mechanisms of Ageing and Development*, 2020, 186, 111198
77. Khazaeli P, Alaei M, **Khaksarihadad M**, Ranjbar M. Preparation of PLA/chitosan nanoscaffolds containing cod liver oil and experimental diabetic wound healing in male rats study. *J Nanobiotechnology*. 2020 Nov 30;18(1):176. doi: 10.1186/s12951-020-00737-

78. Farhadi Z, **Khaksari M**, Azizian H, Mortazaeizadeh A, Shabani M, Shahrokhi N. Beneficial effects of tamoxifen on leptin sensitivity in young mice fed a high fat diet: Role of estrogen receptor α and cytokines. *Life Sci.* 2020 Apr 1;246:117384. doi: 10.1016/j.lfs.2020.117384. Epub 2020 Feb 13.

79. Mehdi Ahmadinejad, **Mohammad Khaksarhaddad**, Alireza Raji Amirhasani. Compression of Efficacy of Topical Phenytoin, Honey and Combination of Honey with Triglyceride Tree Nitrate on Wound Healing in Rat. *Indian Journal of Forensic Medicine & Toxicology*, 2019, 13 (4), 393-398

80. Ghezelbash B, Shahrokhi N, **Khaksari M**, Ghaderi-Pakdel F, Asadikaram G. Hepatoprotective effects of Shilajit on high fat-diet induced non-alcoholic fatty liver disease (NAFLD) in rats. *Horm Mol Biol Clin Investig.* 2020 Feb 14;41(1):/hmbci.2020.41.issue-1/hmbci-2019-0040/hmbci-2019-0040.xml. doi: 10.1515/hmbci-2019-0040.

81. Soltani N, Soltani Z, **Khaksari M**, Ebrahimi G, Hajmohammadi M, Iranpour M. The Changes of Brain Edema and Neurological Outcome, and the Probable Mechanisms in Diffuse Traumatic Brain Injury Induced in Rats with the History of Exercise. *Cell Mol Neurobiol.* 2020 May;40(4):555-567. doi: 10.1007/s10571-019-00753-w. Epub 2019 Dec 14.

82. Dehghanian F, Soltani Z, **Khaksari M**. Can Mesenchymal Stem Cells Act Multipotential in Traumatic Brain Injury? *J Mol Neurosci.* 2020 May;70(5):677-688. doi: 10.1007/s12031-019-01475-w. Epub 2020 Jan 2.PMID: 31897971 Review

83. Juybari KB, Sepehri G, Meymandi MS, Vakili Shahrabaki SS, Moslemizadeh A, Saeedi N, Aminzadeh A, Nozari M, **Khaksari M**, Haghpanah T, Bashiri H. Sex dependent alterations of resveratrol on social behaviors and nociceptive reactivity in VPA-induced autistic-like model in rats. *Neurotoxicol Teratol.* 2020 Jun 11;81:106905. doi: 10.1016/j.ntt.2020.106905

84. Tayebbeh Sadeghi, Seyed Ebrahim Hosseini, Mohammad Amin Edalat Manesh, **Mohammad Khaksari**. Protective effect of royal jelly on Busulfan-induced liver injury in male Wistar rats. *Medical Science.* Volume 24, Issue 103, May - June, 2020

85. Amiresmaili S, **Khaksari M**, Shahrokhi N, Abolhassani M. Evolution of TLR4 role in mediating the hepatoprotective effects of estradiol after traumatic brain injury in male rats. *Biochem Pharmacol.* 2020 May 21;178:114044. doi: 10.1016/j.bcp.2020.114044.

86. Afzali H, **Khaksari M**, Norouzirad R, Jeddi S, Kashfi K, Ghasemi A. Acidified nitrite improves wound healing in type 2 diabetic rats: Role of oxidative stress and inflammation. Nitric Oxide. 2020 Jul 18. pii: S1089-8603(20)30168-3. doi: 10.1016/j.niox.2020.07.001

87. Ahmad Alinaghi Langari, Akram Nejadi, Halimeh Kameshki, Sobhan Mohammadi Jorjafki, Yasamin Mirhosseini, **Mohammad Khaksari**, Manzume Shamsi Meymandi, Masoumeh Nozari. The protective effect of prenatally administered vitamin E on behavioral alterations in an animal model of autism induced by valproic acid. 2020, Toxin Reviews, 1-5

88. S. Sara, **K. Mohammad**, S. Nader, I. Maryam, S. Marzieh, J. Elham, S. Neda, Using the NGF/IL6 ratio as a reliable criterion to show the beneficial effects of progesterone after experimental diffuse brain injury, Heliyon. 6 (2020) e03844. doi:10.1016/J.HELİYON.2020.E03844.

89. Ghezelbash B, Shahrokhi N, **Khaksari M**, Ghaderi-Pakdel F, Asadikaram G. Hepatoprotective effects of Shilajit on high fat-diet induced non-alcoholic fatty liver disease (NAFLD) in rats. Horm Mol Biol Clin Investig. 2020 Feb 14;41(1). doi: 10.1515/hmbci-2019-0040.

90. Soltani N, Soltani Z, **Khaksari M**, Ebrahimi G, Hajmohammadi M, Iranpour M . The Changes of Brain Edema and Neurological Outcome, and the Probable Mechanisms in Diffuse Traumatic Brain Injury Induced in Rats with the History of Exercise. Cell Mol Neurobiol. 2019 Dec 14. doi: 10.1007/s10571-019-00753.

91. Mojdeh Hajmohammadi, **Mohammad Khaksari**, Zahra Soltani, Nader Shahrokhi, Hamid Najafipour, Reza Abbasi . The Effect of Candesartan Alone and Its Combination with Estrogen on Post-traumatic Brain Injury Outcomes in Female Rats. Front. Neurosci. 13:1043,2019

92. **Khaksari M**, Mirzaee M, Nazari-Robati M. Trehalose protects against spinal cord injury through regulating heat shock proteins 27 and 70 and caspase-3 genes expression. J Basic Clin Physiol Pharmacol. 2019

93. Afzali H, Norouzirad R, **Khaksari M**, Ghasemi A The Role of Nitric Oxide Donors in Wound Healing in Diabetes Mellitus. Iranian Journal of Endocrinology and Metabolism. 2019; 21 (1). 4658

94. Momeni-Moghaddam MA, Asadikaram G, Akbari H, Abolhassani M, Masoumi M, Nadimy Z, **Khaksari M**. CD36 gene polymorphism rs1761667 (G >A) is associated with hypertension and coronary artery disease in an Iranian population. BMC Cardiovasc Disord. 2019 Jun 11;19(1):140. doi: 10.1186/s12872-019-1111-6.
95. Sadeghinejad M, Soltani Z, Afzalpour ME, **Khaksari M**, Pourranjbar M. What is the combined effect of intense intermittent exercise and Ginkgo biloba plant on the brain neurotrophic factors levels, and learning and memory in young rats? Pharmacol Rep. 2019 Jun;71(3):503-508. doi: 10.1016/j.pharep.2019.02.006. Epub 2019 Feb 12.
96. Mehrnaz Karimi, , Masoumeh Mirzaie, **Mohammad Khaksari**, Mahboobeh Akbari, Mahdieh Nazari-Robati, Effect of Trehalose on Neurocan and Neural-Glial Antigen 2 Genes Expression in Rats with Spinal Cord Injury. Journal of Kerman University of Medical Sciences, 2019; 26 (1): 67-76
97. Nazari-Robati M, Akbari M, **Khaksari M**, Mirzaee M. Trehalose attenuates spinal cord injury through the regulation of oxidative stress, inflammation and GFAP expression in rats. The Journal of Spinal Cord Medicine. 2018; 1-8
98. Hajmohammadi M, **Khaksari M**, Sepehri G. The Effect of Angiotensin Receptor Type 2 Inhibition and Estrogen on Experimental Traumatic Brain Injury. Archives of Trauma Research. 2018; 2(7).
99. Azizian H, Khaksari M, Asadikaram G, Sepehri G, Najafipour H. Therapeutic effects of tamoxifen on metabolic parameters and cytokines modulation in rat model of postmenopausal diabetic cardiovascular dysfunction: Role of classic estrogen receptors. Int Immunopharmacol. 2018 (65);190-198.
100. Azizian H, **Khaksari M**, Asadi Karam G, Esmailidehaj M, Farhadi Z. Cardioprotective and anti-inflammatory effects of G-protein coupled receptor 30 (GPR30) on postmenopausal type 2 diabetic rats. Biomed Pharmacother. 2018; 108:153-164.
101. Ramshini E, Dabiri S, Arjmand S, Sepehri G, **Khaksari M**, Ahmadi M, Shabani M. Attenuation effect of cannabinoid type 1 receptor activation on methamphetamine-induced neurodegeneration and locomotion impairments among male rats. Addiction health; 2017(9); 206-213.
102. Atashbar, J., Shahrokhi, N., **Khaksari Haddad, M.**, Asadi Karam, G., Shahrokhi, N., Ghazi, F. Mumijo Protection against Acetaminophen-Induced Acute Hepatic Injury: Role of Oxidative Stress. Journal of Kerman University of Medical Sciences, 2018; 25(1): 44-56.
103. Shahrokhi, N., Keshavarzi, Z., **Khaksari Haddad, M.**, Amirafzali, F., Dabiri, S., Shahrokhi, N. Protective effect of Mumiju against acetic acid-induced ulcerative colitis in rats. Avicenna Journal of Phytomedicine, 2018;

104. Asadikaram G, Akbari H, Safi Z, Shadkam M, **Khaksari M**, Shahrokhi N, Najafipour H, Sanjari M, Arababadi MK. Downregulation of IL-22 can be considered as a risk factor for onset of type 2 diabetes. *J Cell Biochem*. 2018 Jun 28.

105. Farhood Ghazaazi Firozsalari, Nader Shahrokhi, **Mohammad Khaksari Hadad**, Gholamreza Asadikaram, Jaber Atashbar. Effect of Shilajit on the Levels of Pro-inflammatory and Antiinflammation Cytokines in Hepatic Injury in Male Rats. *J Maz Univ Med Sci* 2018 May 13;28(159):1–13

106. **Mohammad Khaksari**, Mohammad Amin Rajizadeh, Abbas Bejeshk, Zahra Soltani. Does inhibition of angiotensin function cause neuroprotection in diffuse traumatic brain injury? *Iranian Journal of Basic Medical Sciences*; 2018; 21:615-620

107. Mirzaie M, Karimi M, Fallah H, **Khaksari M**, Nazari-Robati M. Downregulation of Matrix Metalloproteinases 2 and 9 is involved in the Protective Effect of Trehalose on Spinal Cord Injury. *Int J Mol Cell Med*. 2018 May 13;7(1)

108. Shahrokhi N, **Khaksari M**, AsadiKaram GhR, Soltani Z, Shahrokhi N. Role of melatonin receptors in the effect of estrogen on brain edema, intracranial pressure and expression of aquaporin 4 after traumatic brain injury. *Iran J Basic Med Sci* 2018; 21:301-308.

109. Ramshini E, Sepehri G, Ahmadi M, Arjmand S, **Khaksari M**, Shabani M. Contribution of CB1Rs in anxiety-related behaviors but not locomotor deficits induced by methamphetamine. *Neurosci Lett*. 2017 Dec 11 ; 665:240-245.

110. Dehghan F, Shahrokhi N, **Khaksari M**, Soltani Z, Asadikarom G, Najafi A, Shahrokhi N. Does the administration of melatonin during post-traumatic brain injury affect cytokine levels? *Inflammopharmacology*. 2017 Nov 20.

111. **Khaksari M**, Soltani, Z, & Shahrokhi, N. Effects of Female Sex Steroids Administration on Pathophysiologic Mechanisms in Traumatic Brain Injury. *Transl Stroke Res*. 2017 Nov 19.

112. Akbari M, **Khaksari M**, Rezaeezadeh-Roukerd M, Mirzaee M, Nazari-Robati M. Effect of chondroitinase ABC on inflammatory and oxidative response following spinal cord injury. *Iran J Basic Med Sci*. 2017 Jul; 20(7):806-812.

113. Zarisfi M, Allahtavakoli F, Hassanipour M, **Khaksari M**, Rezazadeh H, Allahtavakoli M, Taghavi MM. Transient brain hypothermia reduces the reperfusion injury of delayed tissue

plasminogen activator and extends its therapeutic time window in a focal embolic stroke model.

Brain Res Bull. 2017 Sep; 134:85-90.

114. Partovi N, Ebadzadeh MR, Fatemi SJ, **Khaksari M**. Effect of fruit extract on renal stone formation and kidney injury in rats. Nat Prod Res. 2017 May 7:1-4.
115. Partovi N, Ebadzadeh MR, Fatemi SJ, **Khaksari M**. Antilithiatic effect of aqueous and ethanolic extracts of cactus prickly pear in chemically induced urolithiasis in rats. Toxin Reviews. 2017 Apr:1-4.
116. Najafipour H, Moazenzadeh M, Afshari M, Nasri HR, **Khaksari M**, Forood A, Mirzazadeh A. The prevalence of low physical activity in an urban population and its relationship with other cardiovascular risk factors: Findings of a communitybased study (KERCADRS) in southeast of Iran. ARYA Atheroscler. 2016 Sep; 12(5):212-219.
117. Tahamtan M, Aghaei I, Pooladvand V, Sheibani V, **Khaksari M**, Shabani M. Characterization of the CA1 pyramidal neurons in rat model of hepatic cirrhosis: insights into their electrophysiological properties. Metab Brain Dis. 2017 Jun; 32(3):881889.
118. **Khaksari M**, Maghool F, Asadikaram G, Hajializadeh Z. Effects of sex steroid hormones on neuromedin S and neuromedin U2 receptor expression following experimental traumatic brain injury. Iran J Basic Med Sci. 2016 Oct; 19(10):1080-1089.
119. Soltani Z, Shahrokhi N, Karamouzian S, **Khaksari M**, Mofid B, Nakhaee N, Reihani H. Does progesterone improve outcome in diffuse axonal injury? Brain Inj. 2017;31(1):16-23.
120. Shahrokhi N, Soltani Z, **Khaksari M**, Karamouzian S, Mofid B, Asadikaram G. The Serum Changes of Neuron-Specific Enolase and Intercellular Adhesion Molecule1 in Patients with Diffuse Axonal Injury Following Progesterone Administration: A Randomized Clinical Trial. Arch Trauma Res. 2016 Jul 5; 5(3):e37005. eCollection 2016 Sep.
121. Abbasloo E, Dehghan F, **Khaksari M**, Najafipour H, Vahidi R, Dabiri S, Sepehri G, Asadikaram G. Erratum: The anti-inflammatory properties of Satureja khuzistanica Jamzad essential oil attenuate the effects of traumatic brain injuries in rats. Sci Rep. 2016 Sep 21; 6:33769.
122. Badeli H, Shahrokhi N, KhoshNazar M, Asadi-Shekaari M, Shabani M, Eftekhari Vaghefi H, **Khaksari M**, Basiri M. Aqueous Date Fruit Efficiency as Preventing Traumatic Brain Deterioration and Improving Pathological Parameters after Traumatic Brain Injury in Male Rats. Cell J. 2016 Fall; 18(3):416-24. Epub 2016 Aug 24.

123. Abbasloo E, Dehghan F, **Khaksari M**, Najafipour H, Vahidi R, Dabiri S, Sepehri G, Asadikaram G.
The anti-inflammatory properties of *Satureja khuzistanica* Jamzad essential oil attenuate the effects of traumatic brain injuries in rats. *Sci Rep*. 2016 Aug 18; 6:31866.
124. Shahrokhi N, **Khaksari M**, Nourizad S, Shahrokhi N, Soltani Z, Gholamhosseinian A.
Protective effects of an interaction between vagus nerve and melatonin on gastric ischemia/reperfusion: the role of oxidative stress. *Iran J Basic Med Sci*. 2016 Jan; 19(1):72-9.
125. Ghazvini H, **Khaksari M**, Esmailpour K, Shabani M, Asadi-Shekaari M, Khodamoradi M, Sheibani V. Effects of treatment with estrogen and progesterone on the methamphetamine-induced cognitive impairment in ovariectomized rats. *Neurosci Lett*. 2016 Apr 21;619:60-7.
126. Mofid B, Soltani Z, **Khaksari M**, Shahrokhi N, Nakhaee N, Karamouzian S, Ahmadinejad M, Maiel M, Khazaeli P. What are the progesterone-induced changes of the outcome and the serum
markers of injury, oxidant activity and inflammation in diffuse axonal injury patients? *Int Immunopharmacol*. 2016 Mar; 32:103110.
127. Soltani Z, **Khaksari M**, Shahrokhi N, Mohammadi G, Mofid B, Vaziri A, Amiresmaili S. Effect of estrogen and/or progesterone administration on traumatic brain injury- caused brain edema: the changes of aquaporin-4 and interleukin-6. *J Physiol Biochem*. 2016 Mar;72(1):33-44.
128. Soltani Z, **Khaksari M**, Jafari E, Iranpour M, Shahrokhi N. Is genistein neuroprotective in traumatic brain injury? *Physiol Behav*. 2015 Dec 1; 152(Pt A):26- 31.
129. **Khaksari M**, Maghool F, Asadikaram G, Naderi V. Changes in neuromedin S and its receptor after traumatic brain injury in cycling rats. *Neurology Asia* 2015; 20(4) : 375 – 384.
130. Keshavarzi Z, **Khaksari M**, Rezapour TM. The Effects of Estrogen and Progesterone on Acid and
Pepsin Output Following Traumatic Brain Injury in Rats. *J.Neurol.Sci.[Turk]* 2015; 32:(4)# 46:264-
273.
131. Farbood Y, Sarkaki A, Dianat M, Khodadadi A, **Haddad MK**, Mashhadizadeh S. Ellagic acid prevents cognitive and hippocampal long-term potentiation deficits and brain inflammation in rat
with traumatic brain injury. *Life Sci*. 2015 Mar 1; 124:120-7.

132. Salari M, Sheibani V, Saadati H, Pourrahimi A, **Khaksari hadad M**, Esmaeelpour , Khodamoradi
M. The compensatory effect of regular exercise on long-term memory impairment in sleep deprived female rats. Behav Processes. 2015 Oct; 119:50-7.
133. **Khaksari M**, Abbasloo E, Dehghan F, Soltani Z, Asadikaram G. The brain cytokine levels are modulated by estrogen following traumatic brain injury: Which estrogen receptor serves as modulator? Int Immunopharmacol. 2015 Sep; 28(1):279-87.
134. Dehghan F, **Khaksari M**, Abbasloo E, Shahrokhi N. The Effects of Estrogen Receptors' Antagonist on Brain Edema, Intracranial Pressure and Neurological Outcomes after Traumatic Brain Injury in Rat. Iran Biomed J. 2015;19(3):165-71.
135. **Khaksari M**, Hajializadeh Z, Shahrokhi N, Esmaeili-Mahani S. Changes in the gene expression of estrogen receptors involved in the protective effect of estrogen in rat's traumatic brain injury. Brain Res. 2015 Aug 27;1618:1-8.
136. Naderi V, **Khaksari M**, Abbasi R, Maghool F. Estrogen provides neuroprotection against brain edema and blood brain barrier disruption through both estrogen receptors α and β following traumatic brain injury. Iran J Basic Med Sci. 2015 Feb;18(2):138-44.
137. Mohammadi-Kordkhayli M, Ahangar-Parvin R, Azizi SV, Nemati M, Shamsizadeh A, **Khaksari M**, Moazzeni SM, Jafarzadeh A. Vitamin D Modulates the Expression of IL-27 and IL-33 in the Central Nervous System in Experimental Autoimmune Encephalomyelitis (EAE). Iran J Immunol. 2015 Mar;12(1):35-49
138. Keshavarzi Z, **Khaksari M**. The effects of female sexual steroids on gastric function and barrier resistance of gastrointestinal tract following traumatic brain injury. J Pharm Bioallied Sci. 2015 Jan-Mar;7(1):75-80.
139. Shahrokhi N, Keshavarzi Z, **Khaksari M**. Ulcer healing activity of Mumijo aqueous extract against acetic acid induced gastric ulcer in rats. J Pharm Bioallied Sci. 2015 Jan-Mar;7(1):56-9.
140. Najafipour H, Siahposht Khachaki A, **Khaksari M**, Shahouzehi B, Joukar S, Poursalehi HR. Traumatic brain injury has not prominent effects on cardiopulmonary

indices of rat after 24 hours: hemodynamic, histopathology, and biochemical evidence. Iran Biomed J. 2014;18(4):225-31.

141. Jafarzadeh A, Mohammadi-Kordkhai M, Ahangar-Parvin R, Azizi V, Khoramdel-Azad H, Shamsizadeh A, Ayoobi A, Nemati M, Hassan ZM, Moazeni SM, **Khaksari M**. Ginger extracts influence the expression of IL-27 and IL-33 in the central nervous system in experimental autoimmune encephalomyelitis and ameliorates the clinical symptoms of disease. J 2014 Nov 15; 276(1-2):80-8.
142. Litwak SA, Wilson JL, Chen W, Garcia-Rudaz C, **Khaksari M**, Cowley MA, Enriori PJ. Estradiol prevents fat accumulation and overcomes leptin resistance in female high-fat diet mice. Endocrinology. 2014 Nov; 155(11):4447-60.
143. Soltani Z, **Khaksari M**, Amiresmaili S, Naderi V, Jafari E, Shahrokhi N. Can Soy Diet be Protective in Severe and Diffuse Traumatic Brain Injury? J Neurol Neurophysiol 2014, 5:6
144. Sepehri1 Gh, khazae2 K, **Khaksari M**, Najari AG. The Effect of Water Extract of Zataria multiflora on Microvascular Permeability in Streptozocin Induced Diabetic Rats. Annual Research & Review in Biology, , 2014; 4(20): 3119-3127
145. Keshavarzi Z, **Khaksari M**, Shahrokhi N. The effects of cyclooxygenase inhibitors on the gastric emptying and small intestine transit in the male rats following traumatic brain injury. Iran J Basic Med Sci. 2014 Jun;17(6):406-10.
146. **Khaksari M**, Ahmadi M, Najafipour H, Shahrokhi N. Effect of Bunium persicum aqueous extract plus endurance exercise on cardiorespiratory capacity and serum lipid profile. Avicenna J Phytomed. 2014 Mar;4(2):118-26.
147. **Khaksari M**, Mahmmodi R, Shahrokhi N, Shabani M, Joukar S, Aqapour M. The Effects of Shilajit on Brain Edema, Intracranial Pressure and Neurologic Outcomes following the Traumatic Brain Injury in Rat. Iran J Basic Med Sci. 2013 Jul;16(7):858-64.
148. **Khaksari M**, Keshavarzi Z, Gholamhoseinian A, Bibak B. The effect of female sexual hormones on the intestinal and serum cytokine response after traumatic brain injury: different roles for estrogen receptor subtypes. Can J Physiol Pharmacol. 2013 Sep;91(9):700-7.

149. Asl SZ, **Khaksari M**, Khachki AS, Shahrokhi N, Nourizade S. Contribution of estrogen receptors alpha and beta in the brain response to traumatic brain injury. *J Neurosurg*. 2013 Aug;119(2):353-61.
150. Keshavarzi Z, **Khaksari M**, Razmi Z, Soltani Hekmat A, Naderi V, Rostami S. The effects of cyclooxygenase inhibitors on the brain inflammatory response following traumatic brain injury in rats. *Iran J Basic Med Sci*. 2012 Sep;15(5):1102-5.
151. Asadikaram G, Sirati-Sabet M, Asiabanha M, Shahrokhi N, Jafarzadeh A, **Khaksari M**. Hematological changes in opium addicted diabetic rats. *Int J High Risk Behav Addict*. 2013 Winter;1(4):141-8.
152. Maghool F, **Khaksari M**, Siahposht Khachki A. Differences in brain edema and intracranial pressure following traumatic brain injury across the estrous cycle: involvement of female sex steroid hormones. *Brain Res*. 2013 Feb 25;1497:61-72.
153. Sarkaki AR, **Khaksari** Haddad M, Soltani Z, Shahrokhi N, Mahmoodi M. Time- and dose-dependent neuroprotective effects of sex steroid hormones on inflammatory cytokines after a traumatic brain injury. *J Neurotrauma*. 2013 Jan 1;30(1):47-54.
154. Dehghan F, **Khaksari** Hadad M, Asadikram G, Najafipour H, Shahrokhi N. Effect of melatonin on intracranial pressure and brain edema following traumatic brain injury: role of oxidative stresses. *Arch Med Res*. 2013 May; 44(4):251-8.
155. Keshavarzi Z, **Khaksari** Haddad M. Effects of Female Sexual Hormones on the Gastric Motility Activity following Traumatic Brain Injury in Female Rats. *J Babol Univ Med Sci*. 2012; 14(6): 68-76.
156. Chen W, Wilson JL, **Khaksari M**, Cowley MA, Enriori PJ. Abdominal fat analyzed by DEXA scan reflects visceral body fat and improves the phenotype description and the assessment of metabolic risk in mice. *Am J Physiol Endocrinol Metab*. 2012; 303(5):635-43.

157. Shahrokhi N, **Haddad MK**, Joukar S, Shabani M, Keshavarzi Z, Shahozehi B. Neuroprotective antioxidant effect of sex steroid hormones in traumatic brain injury. Pak J Pharm Sci. 2012; 25(1):219-25.

158. Shahrokhi N, **Khaksari M**, Mohammadi Gh.A, Abbasi R, Siahposht A, Mahmoodi R. Aquaporin 4 expression and protective role of sex steroids on trauma induced brain injury in female rats. Journal of Rafsanjan University of Medical Sciences. 2012; 11(1):23-36.

159. Keshavarzi Z, **Khaksari M**, Asadikaram GH. The Effects of Female Sexual Hormones and Estrogen Receptor Agonists on the NF- κ B p50 and p65 Levels Following TBI in Rat Intestine. Journal of Neurological Sciences [Turkish]. 2012; 29(3): 576-587.

160. Keshavarzi Z, **Khaksari M**, Razmi Z, Soltani Hekmat A, Naderi V, Rostami S. The Effects of Cyclooxygenase Inhibitors on the Brain Inflammatory Response Following Traumatic Brain Injury in Rats. Iranian Journal of Basic Medical Sciences. 2012; 15(5): 1102-1105.

161. Asiabanha M, Asadikaram Gh, Rahnema A, Mahmoodi M, Hasanshahi Gh, Hashemi M, **Khaksari M**. Chronic Opium Treatment Can Differentially Induce Brain and Liver Cells Apoptosis in Diabetic and Non-diabetic Male and Female Rats. Korean J Physiol Pharmacol. 2011; 15: 327 - 332.

162. Khachaki Siahposht A, **Khaksari M** and et al. Effects of different phases of estrous cycle on brain edema, and neurological outcomes after traumatic brain injury in female rat. Koomesh, 2011; 13(1): 87-98.

163. Masoud Hamidi A, **Khaksari M**, Hozhabri KH. Evaluation effect of infusion of mixture echium amoenum with citrus aurantifolia on blood pressure and heartbeat in rat. Journal of Kerman University of Medical Sciences. 2011; 18(4): 349-357.

164. keshavarzi Z, **Khaksari Hadad M** and et al. The effects of female sex steroids on gastric secretory responses of rat following traumatic brain injury. Iran J Basic Med Sci. 2011; 14(3): 107-115.

165. Soltani Z, **Khaksari Haddad M** and et al. The Role of Proinflammatory Cytokines in Mediation of Brain Antiedema Effect of Female Sex Steroids Following Traumatic Brain Injury. Journal of Kerman University of Medical Sciences. . 2011; 18(2):107-122.
166. Sarkaki A.R, **Khaksari Haddad M**, Soltani Z, and et al. Neuroprotection Effect of Female Sex Steroids after Traumatic Brain Injury in rats: The Role of Inflammatory Cytokines. Journal of Rafsanjan University of Medical Sciences. . 2011; 10(1):49-64.
167. **Khaksari Haddad M**, Soltani Z, Sarkaki A.R. The Effect of Estrogen and Progesterone on Cytokines Levels in Different Times after Traumatic Brain Injury. Physiology & Pharmacology Journal. 2010; 14(3):220-233.
168. **Khaksari M**, Soltani Z and et al. The role of alone and combined administration of estrogen and progesterone in modulating of cytokines concentration following traumatic brain injury. Can. J. Physiol. Pharmacol. 2011; 89(1): 31-40.
169. Shahrokhi N, **Khaksari M** and et al. effect of sex steroid hormones on brain edema, intracranial pressure, and neurologic outcomes after traumatic brain injury. Can. J. Physiol. Pharmacol. 2010; 88: 414-421.
170. Joukar S, Najafipour H, **Khaksari M** and et al. The effect of saffron consumption on biochemical and histopathological heart indices of rats with myocardial infarction. Cardiovasc Toxicol. 2010; 10(1):66-71.
171. Sepehri GH, Yaghoobi K, Sheibani V, Shamsizadeh A, **Khaksari M**. the effect of W7, a specific

calmodulin inhibitor, to the antinociceptive effect of morphine in adrenalectomized rats.
American Journal of Pharmacology and Toxicology. 2010; 5(2): 112-118.

172. Mohammadnia Ahmadi M, **Khaksari Haddad M** and et al. the effect of endurance training and Bunium Persicum administration on lipid profile and cardiovascular factors in hypercholesterolemic male mice. Research on sport sciences. 2010; 26: 12.
173. Mohammadnia Ahmadi M, **Khaksari Haddad M** and et al. the effect of endurance training on lipid profile and cardiovascular endurance in normal male rats after bunium persicum extract administration. Journal of faculty of physical education, University of Tehran. 2009; 2: 9.
174. Mohammadnia Ahmadi M, **Khaksari Haddad M** and et al. The Effect of Co administration of Aquous Extract of Bunium Persicum and Endurance Training on Plasma Lipids in Hypercholesterolemic Male Mice. Journal of Rafsanjan University of Medical Sciences. 2009; 8 (3): 159-172.
175. Doulah AH, Rohani AH, **Khaksari Haddad M** and et al. The effect of peripheral administration of growth hormone on AD-like cognitive deficiency in NBM-lesioned rats. Neurosci Lett. 2009; 466(1):47-51.
176. Mahmoodi M, **Khaksari Hadad M** and et al. Effect of trifluoperazine on carrageenan- induced acute inflammation in intact and adrenalectomized rats. Int J physiol Pathophysiol Pharmacol. 2009; 1: 1-4.
177. **Khaksari M**, Shafiee M and et al. Effect of orally administered propylthiouracil in pregnant and lacting rats on isolated aorta contractility of their adult male offspring. Med Sci Monit. 2009; 15(4): 123-7.

178. Soltani Z, **Khaksari M**, Shahrokhi N, Nakhaei N, Shaibani V. Effect of Combined Administration of Estrogen and Progesterone on Brain Edema and Neurological Outcome after Traumatic Brain Injury in Female Rats. *Iranian Journal of Endocrinology & Metabolism*. 2009;10 (6): 664
179. Esmaeili F, Sepehri GH, Moshtaghi-Kashanian GH, **Khaksari M**, Salari N, Sepehri E. the effect of acute administration of *Artemisia Persia* extracts on arterial blood pressure and heart rate in rats. *American Journal of Applied Sciences*. 2009; 6 (5): 730-734.
180. Shahrokhi N, **Khaksari M**, Soltani Z, Nakhai N, Mahmodi M, Nemati A. the effect of sex steroid hormones on brain edema and intracranial pressure after experimental traumatic brain injury in rats. *Journal of semnan University of Medical Sciences*. 2008; 9 (4): 38.
181. Eftekhari H, Asadikaram Gh, **Khaksari M**, Salari Z, Ebrahimzadeh M. the prevalence rate of congenital hypothyroidism in Kerman/ Iran in 2005-2007. *Journal of Kerman University of Medical Sciences*. 2008; 15 (3). 243-250.
182. Shahabinezhad M, Rahmani M.R, **Khaksari Haddad M**, Sepehri GH, Mahmoodi M, Karimghasemi E. The effect of licorice root extract on blood sugar level in streptozotocin induced diabetic rats. *Journal of Rafsanjan University of Medical Sciences*. 2008; 6 (4).237- 244.
183. Shahrokhi N, **Khaksari Haddad M**, Shabani M, Heidari M.R. The effect of seeding nasturtium officinale water extract on plasma lipids and glucose level in diabetic rats. *Journal of Rafsanjan University of Medical Sciences*. 2008; 6 (4). 245-253.
184. Karam GA, Rashidinejad HR, Aghaee MM, Ahmadi J, Rahmani MR, Mahmoodi M, Azin H, Mirzaee MR, **Khaksari M**. Opium can differently alter blood glucose, sodium and potassium in male and female rats. *Pak J Pharm Sci*. 2008; 21 (2). 193-197.

185. Ahmad Molaei L, **Khaksari M**, Sepehri GH and et al. comparison of the effect of progesterone, Allopregnanolone and gender on suppressing edema formation after traumatic brain injury in rats.
Journal of Kerman University of Medical Sciences. 2008; 15 (1). 47-59.

186. Shamsizadeh A, **Khaksari Hadad M**, Azarang A and et al. the role of Hypothalamus-Pituitary-Adrenal (HPA) axis on Anti-Inflammatory Effect of the Trifluoperazine in male rats. Journal of Rafsanjan University of Medical Sciences. 2007; 6(3).25

187. Mahmoodi M, Hajizadeh M.R, Hosseini Sadat K, Hosseini S.H, Asadi Karam G.R, **Khaksari M**, Sadeghi A. effect of raw garlic on blood biochemical factors in hyperlipidemic and hyperglycemic individuals. Quarterly Journal of Hormozgan University of medical Sciences.
2007; 11(2). 127-131.

188. Bibak B, **Khaksari M**, and et al. introduce a model for diffuse brain injury in rats. Journal of
Ssemnan University of Medical Sciences, 2007; 8(2): 2.

189. Bibak B, **Khaksari M**, and et al. effect of calcium channel blocker nicardipine on brain edema in rats. International journal of pharmacology. 2007; 3(3): 248- 253

190. **Khaksari M**, Shamsizadeh A, and et al. W-7 (a calmodulin antagonist) inhibits carrageenan-induced paw edema in intact and adrenalectomized rats. Pak J Pharm Sci. 2007; 20(3):195-9.

191. Esmaili-Mahani S, Vahedi S, Motamedi F, Pourshanazari A, **Khaksari M**, and et al. Involvement of hypothalamic-pituitary-adrenal axis on the analgesic cross-tolerance between morphine and nifedipine. Pharmacol Biochem Behav. 2007; 86(4):806-12.

192. Zahedi Asl S, Shafiee M, **Khaksari M**, Ghasemi A. Effect of oral administration of propylthiouracil during pregnancy and lactation in female rats on isolated aorta response in

their adult male off springs. Pejouhesh. 2006; 30(4): 5.

193. Mahmoodi M, Islami MR, Asadi Karam GR, **Khaksari** M, and et al. Study of the effects of raw garlic consumption on the level of lipids and other blood biochemical factors in hyperlipidemic individuals. Pak J Pharm Sci. 2006; 19(4):295-8.

194. Mahmoodi M, Hajizadeh M, Rashidinejad H, Asadikaram G, **Khaksari M**, and et al. Survey of changes in complete blood count and red cell indices of whole blood incubated in vitro at different temperatures up to 48 hours. J Ayub Med Coll Abbottabad. 2006; 18(1):14-6.
195. **Khaksari M**, Mahmoodi M, and et al. ascorbic acid Improves vascular permeability in experimental-induced diabetic rats. Iranian Journal of Medical Sciences, 2005; 30(3): 128133.
196. Mahmoodi M, Gardiner JV, Asdi Karam GR, **Khaksari M**, and et al. Implantation of fiber encapsulated RIN 1056a cells transfected with NPY cDNA into the lateral ventricle of rats alter body weight. Regulatory Peptides, 2005; 132: 80-84.
197. **Khaksari M**. Nifedipine potentiates antinoceptive effects of morphine in rats by decreasing hypothalamic pituitary adrenal axis activity. Pharmacology, Biochemistry and Behavior, 2005; 82: 17-23.
198. Asdi Karam GR, Rasaee MJ, Mahmoodi M, **Khaksari M**. Inhibition of proteinase 3 (PR3) by suramin and fetal calf serum (FCS): effect of PR3 and suramin on Chinese hamster stem cells (Cho-Cells). Pakistan Journal of Pharmaceutical Sciences, 2005; 18(3): 46-47.
199. **Khaksari M**, Mahmoodi M, and et al. Difference between male and female students in cardiovascular and endocrine response to examination stress. Journal of Ayub Medical College, 2005; 17(2): 15-20.
200. Mahmoodi M, Rashidinejad HR, Asdi Karam GR, **Khaksari M**, and et al. Transfection of 623 a rat thyroid carcinoma cell line, with the neuropeptide Y CNDA. Iranian Journal of Biotechnology, 2005; 3(2): 121- 124.
201. **Khaksari M**, Rahmani MR, Asdi Karam GR, Hajizadeh S. Decrease in blood flow and temperature of rat Knee joint by calcium channel blockers in chronic inflammation. Hormozgan Medical Journal. 2006 (in press).

202. **Khaksari** M, Mardani M, Rezaizadeh AR. The effect of ascorbic acid on collagen and hydroxyprolin in chronic diabetic rat. Journal of Babol Univ of Med Sci, 2006; 8(1): 12-20.

203. Khatami F, Hajizadeh S, Nafar M, **Khaksari** M and et al. Relationship between hyperhomocysteinemia and atherosclerosis in renal transplant recipient. Kowsar medical journal. 2006; 11(2): 23
204. **Khaksari** M, Mahmoodi M, and et al. The effect of trifluoperazine on increasing vascular permeability in chronic experimental diabetic rat. Physiology & Pharmacology Journal, 2005; 9(1): 47-55.
205. Rahmani MR, **Khaksari** M, Mahmoodi M, Pourshanazari AA. The effect of calcium channel blockers on experimental arthritis induced by complete Freund's Adjuvant injection in rat knee. Scientific Journal of Rafsanjan Univ. of Med Sci, 2005; 4(2): 7383.
206. Jafarinaveh HR, **Khaksari** M, and et al. The effect of dietary polyunsaturated fatty acid on skin wound healing in chronic diabetic rat. Journal of Kerman Univ. of Med Sci. 2005; 12(2): 99- 109.
207. Sadr Lajijani M, Abedini, **Khaksari** M, and et al. Comparison of biocompatibility of foreign MTA (Proroot) and Iranian MTA (Root) in rat. Beheshti Univ. Dent. Journal, 2005; 23(1): 80-87.
208. **Khaksari** M, Mahani SE, Mahmoodi M. Calcium channel blockers raduce ininflammatory edema in the rat: Involvement of the hypothalamus-pituitary- adrenal axis. Indian J Pharmacology, 2004; 36(6): 351-354.
209. Hajizadeh MR, Gholamhoseinian A, **Khaksari** M. Measurement of the serum levels of Cu. Mo. And lipids in personnel of copper complex of sarchmeh (kerman). Journal of Qazvin Univ. of Med. Sci. 2004; 32; 35-40.
210. **Khaksari** M. omega-3 fatty acids and wound healing in diabetes. Journal of Semnan Univ. of Med. Sci. 2004; 2(2): 132-140.

211. Mahmoodi M, **Khaksari** M, and et al. the effect of nifedipine and verapamil on vasculopathy in chronic experimental diabetic rats. Journal of Semnan Univ. of Med. Sci. 2004; 2(2): 54-60.
212. Asdi karam GR, Reisi M, Alizadeh A, **Khaksari** M. Effect of opium addiction on some serum factors in addicts with non- insulin-dependent diabetes mellitus. Addiction Biology, 2004; 9:53-58.
213. Mahmoodi M, **Khaksari** M, and et al. Calcium channel blocker can control hyperglycemia and prevent weight loss in experimental diabetic rats [Book], 15th IFCC-FESCC, EUROMEDLAB, 2003; pages: 675-679.
214. Asdi karam GR, Aminzadeh F, **Khaksari** M. Area in Iran with severe elevate incidence of congenital hythyroidism [Book], 15th IFCC-FESCC, EUAOMEDLAB, 2003; pages:10391041.
215. Allah Tavakoli M, **Khaksari** M, Assar SH. Comparison of topical application of mummify and phenytoin cream on skin wound healing in rat. Journal of Babol Univ. of Med. Sci. 2003; 5(2): 7-13.
216. Rezaei zade An, **Khaksari** M, Mardani M. Effect of ascorbic acid dietary regime on wound healing in non- diabetic and diabetic rats. Hormozgan Medical Journal, 2003; 7(1): 43-53.
217. Esmailie Mahanie S, Zareian P, **Khaksari** M. Anti- inflammatory effect of licorice root extract on acute carrageenan- induced inflammation in rat. Physiology & Pharmacology Journal, 2003; 7(10): 41-46.
218. Jafarzadeh A, **Khaksari** M, Sajadi MA. Immunologic alterations in healthy cigarette smoking men. Journal of Rafsanjan Univ. of Med. Sci. 2002; 1(4): 216- 223.
219. Taghavi MM, **Khaksari** M. Acceleration of skin wound healing in chronic diabetic rat by topical application of fish oil. Journal of Semnan Univ. of Med. Sci. 2002; 4(1&2): 61-74.

220. Shraiati M, **Khaksari** M, Sajadi MA. Survey of stomach histological change in chronic diabetic rat addicy to morphin. Journal Asrar; 2002; 9(3): 12-21.
221. **Khaksari** M, Ahmadi J, Sepehri GH. Analysis of the prescription of physicians in Rafsanjan 1993 and 1998. Journal of Rafsanjan Univ. of Med. Sci. 2002; 1(3): 163169.
222. **Khaksari** M, Sajadi MA, Zenyalyzadeh M, Moosavi M. The anti-inflammatory activity of calcium channel antagonists on chronic inflammation on rat. Journal of Kerman Univ. of Med. Sci. 2002; 9(2): 60-67
223. **Khaksari** M, Nikkhoo S, Ameri A. Inhibitory effects of curcumin, lawsonia, and ginger on kaolin induced paw edema in rat. Journal of Rafsanjan Univ. of Med. Sci. 2002; 1(2): 99107.
224. **Khaksari** M, Sajedi MA, Bahremand F. Effect of kidney bean and chicory diets on control of blood sugar in diabetic rats. Kowsar Medical Journal, 2001; 6(1): 1-11.
225. Sajadi MA, **Khaksari** M, Hassani Sm Shariati M. Protectiveeffect of fish oil against indomethacin induced gastric ulcer in rats. Journal of Qazvin Univ. Med Sci. 2001; 17: 3-11.
226. **Khaksari** M, Khoshbaten A. Inhibition of carrageenin on burn induced edema in rat by trifluoprazine and thiodphenylamid choloride. Nameh Daneshgah Journal, 2001; 11(13): 63-74.
227. Ravari A, **Khaksari** M, Shariati M. A survey on the factors affecting prehospita delay in patients with acute myocardial infarction. Journal Asrar , 2001; 8(3): 74-82.
228. Shahabi M, **Khaksari** M. Effect of 17date-estradiol on wownd healing in overiectomized rats. Journal of Semnan Univ. of Med. Sci, 2001; 3(182): 1-10.
229. **Khaksari** M, Rezvani ME, Sajadi MA, Hasanshahi F. Effect of estradiol and progrest one on epilepsy in chemical kindling model in rats. Journal of Rafsanjan univ. of Med. Sci. 2001;1(1):26-36.

230. Shariati M, **Khaksari** M, Shahmoridi D. Effect of denervation never on response of diabetic rat to fish oil. Journal of Rafsanjan Univ. of Med. Sci. 2001; 1(1): 42-51.
231. Nazer M, **Khaksari** M, Khaleghi E, Sayadi A. A survey on identifying the problem at Rafsanjan University of Medical sciences and their attitude toward the role of counsellor in solving their problems. Teb & Tazkeyh Journal, 2001; 40: 10-15.
232. Shariati M, **Khaksari** M, jurscrai GA. The effect of denervation on the response of burn wound to herbal fundermol. Journal of Semnan Univ. of Med. Sci. 2000; 2(1): 516.
233. **Khaksari** M, Sajadi MA, Salehi M. Information recall among Rafsanjan medical students assessment of faculties teaching method. Journal of Shahid Sadoghi Univ. of Med. Sci. 2000; 8(2):32-41.
234. **Khaksari** M, Rezvani ME, Sajadi MA. The effect of topically applied water extract of Rhazya stricta on cutaneous wound healing in rat. Journal of Semnan Univ. of Med. Sci. 2000; 1(3): 1-10.
235. **Khaksari** M, Khoshbaten A, Asgri SA, Hajizadeh S. Effect of Fundermol on postburn edema formation in rats. Journal of Shahid Sadoughi Univ. of Med. Sci. 2000; 8(1): 48-57.
236. **Khaksari** M, Khoshbaten A, Hajizadeh S. Treatment of kaolin- induced paw edema by trifluoperazine in rat. Daneshvar Journal , 2000; 27: 47-56.
237. Sajadi MA, **Khaksari** M. Topical application of oil in wound healing in diabetic rats. Journal of Shahid Sadoughi Univ. of Med. Sci. 2000; 7(3): 31-39.
238. **Khaksari** M, Sajadi MA. Effect of dietary fish oil on wound healing in diabetic rats. Physiology & Pharmacology Journal, 2000; 3(2): 181-192.
239. **Khaksari** M, Khashbaten A. Sajadi MA. Effect of topical application of the herbal fundermol. Feys Journal, 2000; 3(12): 1-9.

240. **Khaksari M**, Sajadi MA. Effect of verapamil and nifedipine on carrageenan- induced inflammation in the rat paw. Journal of Kerman Univ. of Med. Sci. 1999; 6(4): 191-198.
241. **Khaksari M**, Shefipure M, Esmaili H, Shefipure MR, Kahnoji M. effect of opium addiction on blood sugar, HbA1C, and lipids in diabetic rats. AVA. 1999; 5(10): 41- 32.
242. Sajadi MA, **Khaksari M**. the effect of verapamil and nifedipine on thermal inflammation in rat. AVA. 1999; 5(10): 1-10.
243. **Khaksari M**, Ahmadi J, Niktab N, Rezvani ME. Effect of nifedipine, verapamil, and Calcitonin on tail flick acute pain in rat. AVA. 1999; 5(9): 11-17.
244. Rasti M, **Khaksari M**, Ebrahimi P, Bazmandegan GR. Effect of officinalist. L.Saliva and L.Vaccinium arctostaphylos on serum biochemical parameters in rats. AVA. 1998; 4(8): 11-14.
245. Hajizadeh S, Khoshbaten A, Asgari A, **Khaksari M**. The effect of substance P on blood flow increase induced by electrical stimulation. Modarres Journal, 1998; 1(1): 1-10.
246. Shariati M, Rezazadeh M, **Khaksari M**. Effect of morphogenic and teratogenic retinoic acid in chick embryo. Journal of Guilan Univ. of Med. Sci. 1997; 6(22): 35- 40.
247. Hajizadeh S, Khoshbaten A, **Khaksari M**. Low voltage electrical Stimulation and wound healing in rabbits. Effect of altering frequency. Medical Journal of Islamic Republic of Iran, 1996; 10(3): 225-228.
248. Shariati M, Rezazadeh M, **Khaksari M**. Effect of retinoic acid on neural tube development in chicken embryo. Journal of Kerman Univ. of Med. Sci. 1996; 3(2): 59- 66.
249. Hajizadeh S, Khoashbaten A, Asgari A. **Khaksari M**. The effect of low voltage pulse frequency and with of electrical stimulation on local blood flow in rabbit skin. Kowsar Medical Journal, 1996; 1(1):

250. **Khaksari M**, Khoshbaten A, Hajizadeh S. Effect of ibuprofen and methimazole on post burn edema. Journal of Kerman Univ of Med. Sci. 1995; 2(3): 120-127.
251. **Khaksari M**, Bavefa B, Ahmadi J. the effect of nicotine on morphine induced analgesia in rat.
AVA. 1994; 2(5): 34-38.