



In the name of God

CURRICULUM VITAE (Last updated Dec, 2021)
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.

4- Membership of societies:

Member of American Physiological Society since 2002.
Ordinary member of Iranian Physiology and Pharmacology since 1992.

5- Research itemes:

- 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- 6-The role of sex hormones on brain edema

7- **Publications:**

1. **Khaksari M**, Sabet N, Soltani Z, Bashiri H. Gender-related response of body systems in COVID-19 affects outcome. Russian Journal of Infection and Immunity. 10.15789/2220-7619-GRR-1664
2. Chahkandi M, Sepehri G, Komeili G, Khaksari M, Haghparast 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 Research Bulletin. 2022; 178: 155-163. Doi: 10.1016/j.brainresbull.2021.11.006.
3. 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; 178:108-119. Doi: 10.1016/j.brainresbull.2021.11.013.
4. Eftekhar Vaghefi SS, Mousavi F, **Khaksari M**, Asadikaram G, Soltani Z. Sexrelated Changes in Circadian Rhythm of Inflammatory and Oxidative Stress Markers in CKD. IJKD. 2021; 15: 351-63. doi: 10.52547/ijkd.6242.

5. Bahri F, **Khaksari M**, Movahedinia S, Shafiei B, MA Rajizadeh, Nazari-Robati M. Improving SIRT1 by trehalose supplementation reduces oxidative stress, inflammation, and histopathological scores in the kidney of aged rats. *J Food Biochem.* 2021;00:e13931.
6. Azizian H, **Khaksari M**, Asadikaram G, Esmailidehaj M, Shahrokhi N. Progesterone eliminates 17 β -estradiol-Mediated cardioprotection against diabetic cardiovascular dysfunction in ovariectomized rats. *Biomedical Journal.* 2021.
7. **Khaksari M**, Hajjalizadeh Z, Esmaeili Mahani S, Soltani Z and Asadikaram G. Estrogen receptor agonists induce anti-edema effects by altering α and β estrogen receptor gene expression. *Acta Neurobiol Exp* 2021, 81. DOI: 10.21307/ane-2021-027
8. Hajjalizadeh Z, **Khaksari M**. The protective effects of 17- β estradiol and SIRT1 against cardiac hypertrophy: a review. *Heart Failure Reviews.* 2021.
9. Frozandeh F, Shahrokhi N, **Khaksari M**, Amiresmaili S, AsadiKaram G, Shahrokhi N, Iranpour M. "Evaluation of the protective effect curcumin on encephalopathy caused by intrahepatic and extrahepatic damage in male rats". *Iranian Journal of Basic Medical Sciences*, 24, 6, 2021, 760-766. doi: 10.22038/ijbms.2021.53171.11976

10. Sabet N, Soltani Z, **Khaksari M**. Multipotential and systemic effects of traumatic brain injury. *J Neuroimmunol*. 2021 May 25;357:577619. doi: 10.1016/j.jneuroim.2021.577619.
11. Afzali H, **Khaksari M**, Jeddi S, Kashfi K, Abdollahifar MA, Ghasemi A. Acidified Nitrite Accelerates Wound Healing in Type 2 Diabetic Male Rats: A Histological and Stereological Evaluation. *Molecules*. 2021 Mar 26;26(7):1872
12. Khaleghi M, Rajizadeh MA, Bashiri H, Kohlmeier KA, Mohammadi F, **Khaksari M**, Shabani M. Estrogen attenuates physical and psychological stress-induced cognitive impairments in ovariectomized rats. *Brain Behav*. 2021 Apr 3: e02139.
13. Raji-Amirhasani A, **Khaksari M**, Darvishzadeh Mahani F, Hajializadeh Z. Activators of SIRT1 in the kidney and protective effects of SIRT1 during acute kidney injury (AKI) (effect of SIRT1 activators on acute kidney injury). *Clin Exp Nephrol*. 2021 Mar 29.
14. Amiresmaili S, Shahrokhi N, **Khaksari M**, AsadiKaram G, Afltoonian, Sara Shirazpour MR, Amirkhosravi L, Mortazaeizadeh A. The Hepatoprotective mechanisms of 17 β -estradiol after traumatic brain injury in male rats: Classical and non-classical

15. Amirkhosravi L, **Khaksari M**, Sheibani V, Shahrokhi N, Navid Ebrahimi M, Amiresmaili S, Salmani N. Improved spatial memory, neurobehavioral outcomes, and neuroprotective effect after progesterone administration in ovariectomized rats with traumatic brain injury: Role of RU486 progesterone receptor antagonist. *Iran J Basic Med Sci* 2021; 24:1-11
16. Shahryari M, Bibak B, **Khaksari M**, Keshavarzi Z, Salmani N, Shirazpour S, Alimahdi F. Anti-edema effect of Aloe vera leaf extract following traumatic brain injury: Role of proinflammatory cytokines. *Avicenna J Phytomed*, 2020. Epub ahead of prin,
17. Darvishzadeh Mahani F, **Khaksari M**, Raji-Amirhasani A, Renoprotective effects of estrogen on acute kidney injury: the role of SIRT1, ” *Int. Urol. Nephrol.*, no. 0123456789, 2021.

عدالت امین محمد حسینی، اب راهیم سید صادق، ط ی بهخاک ساری محمد اذ ر بر رسی ،
ب ر زالو ب زاق درمانی و محافظت تی FSH،LH دن بال بهت س تو س ترون و 71. ، منش
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18. Ebrahimi MN, **Khaksari M**, Sepehri G, Asadi Karam G, Raji-Amirhasani A, Azizian H. 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.

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26. Juybari KB, Sepehri G, Meymandi MS, Vakili Shahrababaki 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

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Iranian Journal of Basic Medical Sciences; 2018; 21:615-620
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