

## Prof. Sam Zarbakhsh

Editor-in-Chief of Koimesh

Type of current employment and the past five years: permanent official

Publications of the last five years from 2019 to 2024:

No	Title	Journal	Authors	Index
1	Effects of co-administration of bone marrow stromal cells and L-carnitine on the recovery of damaged ovaries by performing chemotherapy model in rat	International Journal of Fertility and Sterility. 2019; 13 (3), 196-202.	<b>Sam Zarbakhsh</b> , Robabeh Safari, Hamid Reza Sameni, Behpour Yousefi, Manouchehr Safari, Nasrin Khanmohammadi, Parisa Hayat	ISI IF: 2.3 Pubmed Scopus
2	Irisin protects the substantia nigra dopaminergic neurons in the rat model of Parkinson's disease	Iranian Journal of Basic Medical Sciences. 2019; 22 (7), 722-728.	<b>Sam Zarbakhsh</b> , Manouchehr Safari, Mohammad Reza Aldaghi, Hamid Reza Sameni, Laya Ghahari, Younes Khaleghi Lagmouj, Khojasteh Rahimi Jaberi, Houman Parsaie	ISI IF: 2.1 Pubmed Scopus
3	Bone marrow stromal cells with the granulocyte colony-stimulating factor in the management of chemotherapy-induced ovarian failure in a rat model	Iranian Journal of Medical Sciences. 2019; 44 (2), 135-145.	Hamid Reza Sameni, Maryam Seiri, Manouchehr Safari, Mohammad Hasan Tabrizi Amjad, Nasrin Khanmohammadi, <b>Sam Zarbakhsh*</b>	ISI IF: 1.6 Pubmed Scopus
4	Effects of Paraoxon Exposure on Expression of Apoptosis-Related Genes, Neuronal Survival, and Astrocyte Activation in Rat Prefrontal Cortex	Neurotoxicity Research. 2020; 37(2):356-365.	Zohreh Zare, Mohsen Tehrani, <b>Sam Zarbakhsh</b> , Hamed Farzadmanesh, Sakineh Shafia, Mahmood Abedinzade, Anahita Ghanaat, Moslem Mohammadi	ISI IF: 2.9 Pubmed Scopus
18	Impact of coadministration of apigenin and bone marrow stromal cells on damaged ovaries due to chemotherapy in rat: An experimental study	International Journal of Reproductive BioMedicine. 2020; 18 (7), 551-560.	Athar Talebi, Nasim Hayati Roodbari, Hamid Reza Sameni, <b>Sam Zarbakhsh*</b>	ISI IF: 1.6 Pubmed Scopus
5	Paraoxon-induced damage in rat hippocampus is associated with alterations in the expression of apoptosis-related proteins	Pesticide Biochemistry and Physiology. 2020; 166:104580.	Zohreh Zare, <b>Sam Zarbakhsh</b> , Mohsen Tehrani, Moslem Mohammadi	ISI IF: 4.2 Pubmed Scopus

6	Effect of antioxidants on preimplantation embryo development in vitro: a review	Zygote. 2021; 29(3): 179-193.	<b>Sam Zarbakhsh*</b>	ISI IF: 1.5 Pubmed Scopus
7	Effects of sesamol on behavioral responses of neuropathic pain and the expression of interleukins 6 and 10 in the damaged sciatic nerve of rats	Koomesh. 2021; 23(6): 813-820.	Nastaran Amerian, Athar Talebi, Mahboubeh Mousavi, Ali Ghanbari, Hossein Ali Safakhah, <b>Sam Zarbakhsh*</b>	Scopus
8	Co-administration of Aluminum Sulfate and Propolis Regulates Matrix Metalloproteinases-2/9 Expression and Improves the Uterine Leiomyoma in Adult Rat Model	Biological Trace Element Research. 2021; 199(3): 1002-1012.	Behpour Yousefi, Vahid Semnani, Tahmineh Mokhtari, <b>Sam Zarbakhsh</b> , Mohammad Hasan Tabrizi Amjad, Mehdi Barati, Hoda Doustmohammadi	ISI IF: 3.4 Pubmed Scopus
9	Morphine dependence and withdrawal-induced changes in mouse Sertoli cell (TM4) line: Evaluation of apoptotic, inflammatory and oxidative stress biomarkers	Reproductive Toxicology. 2021; 105:175-183.	Nazila Pourhassanali, <b>Sam Zarbakhsh</b> , Hossein Miladi-Gorji	ISI IF: 3.3 Pubmed Scopus
10	Effects of Aminoguanidine on Apoptosis in the Hippocampus and Memory Disorder in a Rat Model of Alzheimer's Disease	Middle East Journal of Rehabilitation and Health Studies. 2021; 8(4): e115127.	Hamid Reza Sameni, Abbas Ali Vafaei, <b>Sam Zarbakhsh</b> , Afsaneh Talebian, Mohammad Reza Aldaghi	Scopus
11	Apoptosis is involved in paraoxon-induced histological changes in rat cerebellum	Drug and Chemical Toxicology. 2022; 45(6): 2554-2560.	Zohreh Zare, <b>Sam Zarbakhsh</b> , Shamim Mashhadban, Afshin Moradgholi, Moslem Mohammadi	ISI IF: 2.1 Pubmed Scopus
12	The healing of bone defects by cell-free and stem cell-seeded 3D printed PLA tissue engineered scaffolds	Journal of Orthopaedic Surgery and Research. 2022; 17(1):320.	Marjan Bahraminasab, Athar Talebi, Nesa Doostmohammadi, Samaneh Arab, Ali Ghanbari, <b>Sam Zarbakhsh</b>	ISI IF: 2.8 Pubmed Scopus
13	Neuroprotective effects of treadmill exercise in hippocampus of ovariectomized and diabetic rats	Neuroscience. 2022; 496:64-72.	Zohreh Zare, <b>Sam Zarbakhsh</b> , Mohsen Tehrani, Moslem Mohammadi	ISI IF: 2.9 Pubmed Scopus
14	Effect of sesamol on damaged peripheral nerves: Evaluation of functional, structural, molecular, and oxidative stress parameters	Avicenna Journal of Phytomedicine. 2022; 12(6):602-613.	Nastaran Amerian, Athar Talebi, Manouchehr Safari, Hamid Reza Sameni, Ali Ghanbari, Parisa Hayat, Moslem Mohammadi, Maryam	ISI IF: 1.9 Pubmed Scopus

			Ardekanian, <b>Sam Zorbakhsh*</b>	
15	Sesamol protects the function and structure of rat ovaries against side effects of cyclophosphamide by decreasing oxidative stress and apoptosis	The Journal of Obstetrics and Gynaecology Research. 2022; 48(7):1786-1794.	Athar Talebi , Parisa Hayat , Ali Ghanbari , Maryam Ardekanian , <b>Sam Zorbakhsh*</b>	ISI IF: 1.6 Pubmed Scopus
16	Caffeic Acid Phenethyl Ester with Mesenchymal Stem Cells Improve Behavioral and Histopathological Changes in the Rat Model of Parkinson' Disease	Basic and Clinical Neuroscience. 2022; 13(5):637-646.	Khojasteh Rahimi Jaberi, Manouchehr Safari, Vahid Semnani, Hamid Reza Sameni, <b>Sam Zorbakhsh</b> , Laya Ghahari	ISI IF: 1 Pubmed Scopus
17	Protective effects of treadmill exercise on apoptotic neuronal damage and astrocyte activation in ovariectomized and/or diabetic rat prefrontal cortex: molecular and histological aspects	International Journal of Neuroscience. 2022; 23:1-9.	Zohreh Zare, Mohsen Tehrani, <b>Sam Zorbakhsh</b> , Moslem Mohammadi	ISI IF: 1.7 Pubmed Scopus
18	The Effect of Bone and Dentin Matrix Derivatives on the Differentiation of Human Dental Pulp Stem Cells for Osteogenesis and Dentinogenesis in a Scaffold-Free Culture	Regenerative Engineering and Translational Medicine. 2022; s40883-022-00291-w.	Maryam Jalili Sadrabad, Hamid-Reza Sameni, <b>Sam Zorbakhsh</b> , Raheb Ghorbani, Amin Naghipoor, Alireza Jarahi	ISI IF: 2.2 Scopus
19	Exercise induced myelin protein zero improvement in neuropathic pain rats Swimming exercise preserves myelin protein zero in a rat's neuropathic pain model	Somatosensory and Motor Research. 2023; 40(4):141-146.	Ali Ghanbari, Sahar Ghasemi, <b>Sam Zorbakhsh</b>	ISI IF: 1.3 Pubmed
20	Study of anti-inflammatory and immunomodulatory potential of endometrial mesenchymal stem cells-derived exosomes with micro-ultrasound ( $\mu$ US) guidance in regeneration $\beta$ -islets on T1D animal model	Journal of Drug Delivery Science and Technology. 2023; 86, 104666.	Mahsa Kouhestani, Jafar Ai, Manouchehr Safari, Asieh Hosseini, Majid Masoudifard, Somayeh Moradpanah, Somayeh Ebrahimi-Barough, <b>Sam Zorbakhsh</b> , Hamid Reza Sameni	ISI IF: 4.5 Scopus
21	The role of neurotransmitters in glioblastoma multiforme-associated seizures	International Journal of Developmental Neuroscience. 2023; 83(8):677-690.	Mohammad Taghi Joghataei, Fatemeh Bakhtiarzadeh, Samaneh Dehghan, Arsh Haj Mohamad Ebrahim Ketabforoush, Fereshteh Golab, <b>Sam</b>	ISI IF: 1.7 Pubmed Scopus

			<b>Zarbakhsh, Nooshin</b> Ahmadirad	
22	Effects of Idebenone on Rat Schwann Cells with Toxicity Induced by Hydrogen Peroxide: Assessment of Molecular, Apoptosis, and Oxidative Stress Parameters	Cell Journal. 2024. 1; 26(3):194-201.	<b>Sam Zarbakhsh*</b> , Parisa Hayat	ISI IF: 1.7 Pubmed Scopus
23	Classification, location, and intensity of granules in retinal pigment epithelium following sodium iodate injection in rat animal model	Iranian Journal of Basic Medical Sciences. 2024; 27(3):286-296.	<u>Mahboube Mousavi, Aliasghar Mousavi, Behnam Jamei, Hamidreza Sameni, Sam Zarbakhsh</u> , Hamid Aboutaleb Kakhodaieian	ISI IF: 2.1 Pubmed Scopus
24	Bone marrow stromal cell-conditioned medium regenerates injured sciatic nerve by increasing expression of MPZ and NGF and decreasing apoptosis	Iranian Journal of Basic Medical Sciences. 2024; 27(5):596-602.	Mitra Ghasemi, Athar Talebi, Ali Ghanbari, Parisa Hayat, Behpour Yousefi, Moslem Mohammadi, Mahmood Abedinzade, Nooshin Ahmadirad, <b>Sam Zarbakhsh*</b>	ISI IF: 2.1 Pubmed Scopus
25	Coadministration of doxorubicin with vitamin D3, Lactobacillus acidophilus, and Lactobacillus casei in the 4T1 mouse model of breast cancer: anticancer and enteroprotective effects	Medical Oncology. 2024. 9; 41(5):111.	Mohammad Ali Mirzadeh, Majid Eslami, Ali Ghanbari, <b>Sam Zarbakhsh</b> , Sedighe Yosefi, Abbas Pakdel	ISI IF: 2.8 Pubmed Scopus