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**Assistant Professor of Human Physiology, Neuroendocrine**

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**B.Sc. in Biology:**

**M.Sc. in Medical Physiology**

**Ph.D. in Medical Physiology**

- Shahid Beheshti University, Tehran.Iran.
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**Academic  
Positions:**

- Membership of Iranian Society of Physiology and Pharmacology

## Papers in International Journals

1. [Zardoost H](#), Asl SZ, Naseri MG (2006) Effect of chronic psychological stress on insulin release from rat isolated pancreatic islets. *Life sciences* 79:57-62. Effect of chronic restraint stress on carbohydrate metabolism in rat. *Physiology & Behavior*, 2006.
2. Sahraei H, Amiri Y-A, Haeri-Rohani A, Sepehri H, Salimi SH, Pourmotabbed A, Ghoshooni H, Zahirodin A, [Zardoost H](#) (2005) Different effects of GABAergic receptors located in the ventral tegmental area on the expression of morphine-induced conditioned place preference in rat. *European journal of pharmacology* 524:95-101.
3. [Zardoost H](#), Rostamkhani F, Zaringhalam J, Faraji Shahrivar F (2010) Plasma corticosterone, insulin and glucose changes induced by brief exposure to isoflurane, diethyl ether and CO<sub>2</sub> in male rats. *Physiol Res* 59:973-978.
4. Pourmotabbed A, Rostamian B, Manouchehri G, Pirzadeh-Jahromi G, Sahraei H, Ghoshooni H, [Zardoost H](#), Kamalnegad M (2004) Effects of Papaver rhoeas extract on the expression and development of morphine-dependence in mice. *Journal of ethnopharmacology* 95:431-435.
5. Sahraei H, Aliabadi AA, Zarrindast M-R, Ghoshooni H, Nasiri A, Barzegari-Sorkheh AA, Yari M, [Zardoost H](#), Hossein-Mardi L, Faraji N (2007) Ascorbic acid antagonizes nicotine-induced place preference and behavioral sensitization in mice. *European journal of pharmacology* 560:42-48.
6. Rostamkhani F, [Zardoost H](#), Zahediasl S, Farrokhi B (2012) Comparison of the effects of acute and chronic psychological stress on metabolic features in rats. *Journal of Zhejiang University Science B* 13:904-912.
7. Halataei BaS, Khosravi M, Arbabian S, Sahraei H, Golmanesh L, [Zardoost H](#), Jalili C, Ghoshooni H (2011) Saffron (*Crocus sativus*) Aqueous Extract and its Constituent Crocin Reduces Stress-induced Anorexia in Mice. *Phytotherapy Research* 25:1833-1838.
8. Farrokhi B, Ghalami J, Hedayati M, Rostamkhani F, [Zardoost H](#) (2011) High-fat diet did not change metabolic response to acute stress in rats.
9. Esmaeili M-H, Sahraei H, Ali-Beig H, Ardehari-Ghaleh M, Mohammadian Z, [Zardoost H](#), Salimi SH, Shams J, Noroozadeh A (2012) Transient inactivation of the nucleus accumbens reduces both the expression and acquisition of morphine-induced conditioned place preference in rats. *Pharmacology Biochemistry and Behavior* 102:249-256.
10. Sahraei H, Shams J, Faghih-Monzavi Z, [Zardoost H](#), Pashaei-Rad S, Pourmotabbed A, Ghoshooni H, Kamalinejad M (2007) Effects of Papaver rhoeas. Extract on the Development and Expression of Tolerance to Morphine-Induced Locomotor Activity in Mice. *Pharmaceutical Biology* 45:475-480.
11. Ramazani M, Tekyeh E, [Zardoost H](#), Bahadoran H, Sahraei H (2009) Morphine delays fovea development in the eyes of Wistar rat embryos possible involvement of corticosterone. *Physiology and Pharmacology* 13:271-278.

12. Kazemi M, Tekieh E, Sadeghi-Gharachdaghi S, Ghoshoni H, [Zardoos H](#), Sahraei H, Rostamkhani F, Bahadoran H (2012) Oral morphine consumption reduces lens development in rat embryos. *Basic and Clinical Neuroscience* 3:16-23.
13. Zardoos H, Zahediasl S, Rostamkhani F, Farrokhi B, Nasiraei S, Kazeminezhad B, Gholampour R (2012) Effects of acute and chronic psychological stress on isolated islets' insulin release. *EXCLI J* 11:163-175.
14. Jafari M, Salehi M, [Zardoos H](#), Rostamkhani F (2014) Response of liver antioxidant defense system to acute and chronic physical and psychological stresses in male rats.
15. Ghalami J, [Zardoos H](#), Rostamkhani F, Farrokhi B, Hedayati M (2013) Glucose-stimulated insulin secretion: Effects of high-fat diet and acute stress. *Journal of endocrinological investigation* 36:835-842.
16. Tekieh E, Kazemi M, Dehghani L, Bahramyian S, Sadogi M, [Zardoos H](#), Fakhanik-Babaei J, Sahraei H (2011) Effects of oral morphine on the larvae, pupae and imago development in *Drosophila Melanogaster*. *Cell Journal (Yakhteh)* 13:149.
17. Bijani S, Sadeghi-Gharachehdaghi S, [Zardoos H](#), Ghoshooni H, Eidi A, Shams J, Zarrindast M-R, Sahraei H (2011) Influence of Nitric Oxide in the Central Amygdala on the Acquisition and Expression of Morphine-Induced Place Preference in Morphine Sensitized Rats. *Basic and Clinical Neuroscience* 2:36-46.
18. BIJANI S, NAJAFI AA, RANJBARAN M, GHARACHEHDAGHI SS, GHOSHOONI H, [ZARDOOZ H](#), BURBUR Z, SAHRAEI H Paper: EFFECTS OF NOISE POLLUTION STRESS DURING PREGNANCY ON ANATOMICAL AND FUNCTIONAL BRAIN CORTEX DEVELOPMENT OF THE OFFSPRINGS OF NMRI MICE.
19. RAMAZANY M, TEKYEYEH E, [ZARDOOZ H](#), BAHADORAN H, SAHRAEI H Paper: MORPHINE DELAYS FOVEA DEVELOPMENT IN THE EYES OF WISTAR RAT EMBRYOS; POSSIBLE INVOLVEMENT OF CORTICOSTERONE.
20. Farrokhi B, Rostamkhani F, Zahediasl S, [Zardoos H](#) (2012) Effects of acute and chronic psychological stress on isolated islets' insulin release.
21. Rostamkhani F, [Zardoos H](#), Parivar K, Roodbari NH (2012) Prenatal Stress Induces Metabolic Impairment in Adolescent Male Wistar Rat.
22. Bagheri Nikoo G, Khosravi M, Sahraei H, Ranjbaran M, Sarahian N, [Zardoos H](#), Bourbour Z, Alemaref M, Pirzad Jhromi G, Herfehdoost G (2014) Effects of systemic and intra-accumbal memantine administration on the impacts of plantar electrical shock in male NMRI mice. *Physiology and Pharmacology* 18:61-71.
23. Bijani S, Najafi-Abedi A, Ranjbaran M, Daghi S, Ghoshooni H, [Zardoos H](#), Burbur Z, Sahraei H (2013) Effects of noise pollution stress during pregnancy on anatomical and functional brain cortex development of the offsprings of NMRI mice. *Koomesh* 14:Pe192-Pe199, En26.
24. Sadeghimahalli F, Karbaschi R, [Zardoos H](#), Khodaghohi F, Rostamkhani F (2014) Effect of early life stress on pancreatic isolated islets' insulin secretion in young adult male rats subjected to chronic stress. *Endocrine* 1-11.

25. Tekieh E, Ramezani M, [Zardoost H](#), Goolmanesh L, Bahadoran H, Sahraei H (2010) Effects of oral morphine consumption during pregnancy on retina development of the Wistar rat embryo. *Koomesh* 12:Pe79-Pe85.
26. Karimi S, Karami M, [Zardoost H](#), Salimi SH, Sahraei H (2011) Biphasic Effects of Naloxone in the Rats Receiving Morphine Overdose A Place Preference Study. *Iranian journal of pharmaceutical research: IJPR* 10:605.
27. TEKIEH E, KAZEMI M, DEGHANI L, BAHRAMYIAN S, SADOGI M, [ZARDOOST H](#), FAKHANIK BJ, SAHRAEI H Paper: EFFECTS OF ORAL MORPHINE ON THE LARVAE, PUPAE AND IMAGO DEVELOPMENT IN DROSOPHILA MELANOGASTER.
28. Shams J, Molavi S, Marjani S, Kamalinejad M, [Zardoost H](#), Sahraei H, Noroozadeh A (2009) The aqueous extract of *Crocus sativus* stigma reduce morphine tolerance. *Physiology and Pharmacology* 13:170-178.
29. Sarahian N, Sahraei H, [Zardoost H](#), Alibeik H, Sadeghi B (2014) Effect of Memantine Administration within the Nucleus Accumbens on Changes in Weight and Volume of the Brain and Adrenal Gland during Chronic Stress in Female Mice. *Modares Journal of Medical Sciences: Pathobiology* 17:71-82.
30. Shams J, Molavi S, Marjani S, Kamalinejad M, [Zardoost H](#), Sahraei H, Noroozadeh A (2009) کاهش بیان تحمل به مورفین توسط عصاره آبی کلالة زعفران (*Crocus sativus*).
31. Sarahian N, Sahraei H, [Zardoost H](#), Ali-Beik H, Sadeghi B, Javadifar T, Herfehdoost G, Zarrin Ehteram B, Ghanbari Z, Hoseini-Namvar F (2014) Comparative effect of memantine intraperitoneal and intra accumbal on responding to acute stress in female NMRI mice. *Physiology and Pharmacology* 0-0.
32. Hassanvand T, Balooch M, Azarnia M, [Zardoost H](#), Erfani M, Hosseini SY, Sahraei H (2012) Alterations in dopamine related behavior of the offspring of pregnant Wistar rats exposed to noise pollution stress. *Physiology and Pharmacology* 16:79-85.