

Curriculum Vitae

Personal information

Full name: Valiollah Hajhashemi

Nationality: Iranian

Birth date: September 10, 1963

Birthplace: Isfahan

Sex: male

Marital status: Married

Address

Department of pharmacology

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Education

1983- 1988 Faculty of pharmacy, Isfahan University of Medical
Sciences, Isfahan, Iran (Pharm. D)

1988- 1992 School of Medicine, Isfahan University of Medical
Sciences, Isfahan, Iran (Ph.D in pharmacology)

Training in Problem Based Learning (PBL) workshop by prof. Ara
Tedkian (Ph.D MHPE), IUMSHS, Iran collaborated with WHO.

1997(22-25 Feb.) Training in problem based learning (PBL).

Ph.D thesis: Effect of testosterone on opioid analgesia and its possible
mechanism. Supervised by: Dr. T. Ghafghazi (Ph.D).

Professional experiences

1992- Until now Lecturer in Pharmacology, Department of
pharmacology, Faculty of Pharmacy, Isfahan, Iran

1992-2000 Assistant Professor of pharmacology, Department of pharmacology, Faculty of pharmacy, Isfahan, Iran

2000- 2005 Associate professor in pharmacology, Department of pharmacology, Faculty of pharmacy, Isfahan, Iran

2005- until now. Full professor in pharmacology, Department of pharmacology, Faculty of pharmacy, Isfahan, Iran

2004- until now, Head of Department of Pharmacology and Toxicology, Faculty of Pharmacy , Isfahan University of Medical Sciences, Isfahan, Iran

Research activities and experiences

Antinociceptive and anti-inflammatory effects of medicinal herbs

Effect of drugs on opioid withdrawal syndrome

Screening of Medicinal herbs

Drug effects on isolated organs

Research interests

In addition to above research activities, I would also like to obtain some experiences in the following areas:

Spinal mechanisms of analgesic drugs

Spinal and supraspinal mechanisms of tolerance and dependence to opioids

Drugs for prevention of re-addiction.

Publications:

I.Books

1. Medical Pharmacology (in Persian) Mani Publication, Isfahan, Iran, 1st ed. 1996, 2nd ed. 1999, 3rd ed 2002.
2. Clinically Important Drug Interactions (in Persian) Mani Publication, Isfahan, Iran, 1997.

II. Scientific Publications

Hajhashemi V, Ghanadian M, Palizaban A, Mahnam K, Eshaghi H, Gheisari B, Sadeghi-Aliabadi H. Cycloarta-23-ene-3beta, 25-diol a pentacyclic steroid from *Euphorbia spinidens*, as COX inhibitor with molecular docking, and in vivo study of its analgesic and anti-inflammatory activities in male swiss mice and wistar rats. *Prostaglandins & Other Lipid Mediators*. 2020 Oct 1;150:106473.

Nazari F, Shaygannejad V, Mohammadi Sichani M, Mansourian M, **Hajhashemi V**. Quality of life among patients with multiple sclerosis and voiding dysfunction: a cross-sectional study. *BMC Urology*. 2020 Dec;20:62. <https://doi.org/10.1186/s12894-020-00590-w>

Hajhashemi V, Kopaei SR, Sajjadi SE. Anti-nociceptive and anti-inflammatory effects of *Ferulago angulata*. *Immunopathologia Persa*. 2020 May 30;6(2):e28-.

Nasr S, Varshosaz J, **Hajhashemi V**. Ortho-vanillin nanoparticle-doped glucan microspheres exacerbate the anti-arthritis effects of methotrexate in adjuvant-induced arthritis in rats. *Pharmacological Reports*. 2020 Jun;72(3):680-91.

Poorassar A, Ardekani MR, **Hajhashemi V**, Rahimi R, Ardakani MM, Aghayeghazvini M. Antiobesity effects of seedlac and shellac in rats fed with a high-fat diet. *Research in Pharmaceutical Sciences*. 2020 Feb;15(1):57-65.

Mesripour A, Golbidi M, **Hajhashemi V**. Dextromethorphan improved cyclosporine-induced depression in mice model of despair. *Research in Pharmaceutical Sciences*. 2020 Sep 1;15(5):447.

Nazari F, Shaygannejad V, Sichani MM, Mansourian M, **Hajhashemi V**. Sexual dysfunction in women with multiple sclerosis: prevalence and impact on quality of life. *BMC urology*. 2020 Dec;20(1):1-10. <https://doi.org/10.1186/s12894-020-0581-2>

Nazari F, Shaygannejad V, Sichani MM, Mansourian M, **Hajhashemi V**. The prevalence of lower urinary tract symptoms based on individual and clinical parameters in patients with multiple sclerosis. *BMC neurology*. 2020 Dec;20(1)

Mesripour A, Meshkati A, **Hajhashemi V**. A Synbiotic Mixture Augmented the Efficacy of Doxepin, Venlafaxine, and Fluvoxamine in a Mouse Model of Depression. *Turk J Pharm Sci*. 2020 Jun;17(3):293-298.

Hajhashemi V, Rajabi P, Mardani M. Beneficial effects of pumpkin seed oil as a topical hair growth promoting agent in a mice model. *Avicenna journal of phytomedicine*. 2019 Nov;9(6):499.

Mesripour A, Alhimma F, **Hajhashemi V**. The effect of vitamin B6 on dexamethasone-induced depression in mice model of despair. *Nutritional neuroscience*. 2019 Oct 3;22(10):744-9.

- Mesripour A, Shahnooshi S, **Hajhashemi V**. Celecoxib, ibuprofen, and indomethacin alleviate depression-like behavior induced by interferon-alfa in mice. *Journal of Complementary and Integrative Medicine*. 2019 Aug 15;17(1).
- Hosseini-Sharifabad A, Naghibzadeh S, **Hajhashemi V**. The effect of lead, restraint stress or their co-exposure on the movement disorders incidence in male mice. *Research in pharmaceutical sciences*. 2019 Aug;14(4):343.
- Rafiee L, **Hajhashemi V**, Javanmard SH. Maprotiline inhibits COX2 and iNOS gene expression in lipopolysaccharide-stimulated U937 macrophages and carrageenan-induced paw edema in rats. *Central-European journal of immunology*. 2019;44(1):15.
- Mesripour A, Kavianpour M, **Hajhashemi V**. Antidepressant-like effect of minocycline in mice forced swimming test: minor involvement of the noradrenergic system. *Thai Journal of Pharmaceutical Sciences (TJPS)*. 2019 Sep 27;43(3).
- Eizadi-Mood N, Aboofazeli E, **Hajhashemi V**, Gheshlaghi F, Badri S, Sabzghabae AM. Effect of intravenous midazolam on cardiac parameters in acute tricyclic antidepressant poisoning. In *CLINICAL TOXICOLOGY* 2019 Dec 2 (Vol. 57, No. 12, pp. 1198-1198).
- Mesripour A, Sajadian S, **Hajhashemi V**. Antidepressant-like effect of vitamin B6 in mice forced swimming test and the possible involvement of the noradrenergic system. *Journal of Reports in Pharmaceutical Sciences*. 2019 May 1;8(2):133.
- Motaghi E, **Hajhashemi V**, Mahzouni P, Minaiyan M. Protective effect of dizocilpine (MK-801) on TNBS-induced experimental colitis in mice. *Iranian Journal of Pharmaceutical Research: IJPR*. 2019;18(3):1341.
- Mesripour A, Kadivar M, **Hajhashemi V**. Monosodium glutamate influences depressive behavior of two age groups of mice in forced swimming test: Vitamin B6 could remedy the situation. *Personalized Medicine in Psychiatry*. 2019 Jul 1;15:28-32.
- Mesripour A, **Hajhashemi V**. N-methyl-D-aspartate receptor antagonists decrease interferon-alpha induced depressive behavior in mice model of despair. *Thai Journal of Pharmaceutical Sciences*. 2019 Jan 1;43(1).
- Safaeian L, **Hajhashemi V**, Ajoodanian M. The effect of celecoxib on blood pressure and plasma oxidant/antioxidant status in co-administration with glucocorticoid in rat. *Biomed Pharmacother*. 2018 Dec;108:1804-1808. doi: 10.1016/j.biopha.2018.10.047.
- Hajhashemi V**, Fahmideh F, Ghanadian M. Antinociceptive effect of methanolic extract and alkaloid fractions of *Berberis integerrima* root in animal models. *Avicenna J Phytomed*. 2018 May-Jun;8(3):227-236.
- Mesripour A, Alhimma F, **Hajhashemi V**. The effect of vitamin B6 on dexamethasone-induced depression in mice model of despair. *Nutr Neurosci*. 2018 Feb 25:1-6. doi: 10.1080/1028415X.2018.1442184.
- Safaeian L, Emami R, **Hajhashemi V**, Haghghatian Z. Antihypertensive and antioxidant effects of protocatechuic acid in deoxycorticosterone acetate-salt hypertensive rats. *Biomed Pharmacother*. 2018 Apr;100:147-155. doi: 10.1016/j.biopha.

Mesripour A, **Hajhashemi** V, Shafiei F. Evaluating the effect of pentazocine and dextromethorphan on progesterone induced depression in female mice. *J Shahrekord Univ Med Sci.* **2018**; 20(2): 100-108.

Mesripour A, Rezaei SH, **Hajhashemi** V. Evaluating the effect of donepezil on depression and obsessive-compulsion disorder in mice models and proposing the mechanism involved. *Thai Journal of Pharmaceutical Sciences.* **2018**, 42 (1): 1-5.

Sadighara M, Joktaji JP, **Hajhashemi** V, Minaiyan M. Protective effects of coenzyme Q₁₀ and L-carnitine against statin-induced pancreatic mitochondrial toxicity in rats. *Res Pharm Sci.* **2017** Dec;12(6):434-443. doi: 10.4103/1735-5362.217424.

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Zabihi M, **Hajhashemi** V, Talebi A, Minaiyan M. Evaluation of central and peripheral effects of doxepin on acetic acid-induced colitis in rat and the involved mechanisms. *EXCLI J.* **2017** Mar 30;16:414-425. doi: 10.17179/excli2016-727.

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Rafiee L, **Hajhashemi V**, Javanmard SH. Fluvoxamine inhibits some inflammatory genes expression in LPS/stimulated human endothelial cells, U937 macrophages, and carrageenan-induced paw edema in rat. *Iran J Basic Med Sci.* **2016** Sep;19(9):977-984.

Laleh Rafiee, L., Hajhashemi, V., Haghjooy Javanmard, SH. Maprotiline inhibits LPS-induced expression of adhesion molecules (ICAM-1 and VCAM-1) in human endothelial cells. *RPS*, 2016; 11(2): 138-144.

Minaiyan, M., Hajhashemi, V., Rabbani, M., Fattahian, E., Mahzouni, P. Evaluation of anti-colitic effect of fluvoxamine against acetic acid-induced colitis in normal and reserpinized depressed rats. *European Journal of Pharmacology*, 2015;746, 293-300 .

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neuropathic pain: Possible involvement of opioid system. Iranian Journal of Basic Medical Sciences. 2015;18(8),752-757.

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Hajhashemi, V., Khanjani, P. Analgesic and anti-inflammatory activities of bupropion in animal models. *Research in Pharmaceutical Sciences*. 2014;9 (4), pp. 251-257 .

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Hajhashemi V.; Klooshani, V. Antinociceptive and anti-inflammatory effects of *Urtica dioica* leaf extract in animal models. 2013;3(2):193-200.

Nematbakhsh M.; Hajhashemi V.; Ghannadi A.; Talebi A.; Nikahd M. Protective effects of the *Morus alba* L. leaf extracts on cisplatin-induced nephrotoxicity in rat *RPS* 2013; 8(2):71-77.

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Amin B.; Hajhashemi V.; Hosseinzadeh H.; Abnous Kh. Antinociceptive evaluation of ceftriaxone and minocycline alone and in combination in a neuropathic pain model in rat. *Neuroscience*. 2012;224:15-25

Rabbani M, Hajhashemi V, Vadizadeh A. Co-administration of calcium gluconate and magnesium acetate effectively blocks the signs of morphine withdrawal in mice. *Magnes Res*. 2012;25(1):40-8.

Ghannadi, A.; Hajhashemi, V.; Abrishami R. Effects of the Persian *Carum copticum* fruit extracts on morphine withdrawal syndrome in mice. *RPS* 2012;7(3):127-131.

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