

CURRICULUM VITAE

Given name: Zaringhalem Moghadam

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Date of birth: 1974/09/11

Place of birth: Tabriz- Iran

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Education

1) "PhD of Physiology" Shahid Beheshti University of Medical Sciences (2004 -2008)

2) "Medical Doctor" Tabriz medical university. (1992-1999)

3) International certificate in "Acupuncture".

Beijing International Traditional Chinese Medicine (TCM) University. (15Apr- dec 2002)

4) International certificate in "Su jok therapy".

International Onnuri Foundation a Su jok Academy. (Sep- oct.2001)

Responsibility:

1) Assistant professor and faculty member of Physiology Department, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

2) Member of Shahid Beheshti University of Medical Sciences Pain Educational Committee, Tehran, Iran, 2009, Sep till now.

3) Executive manager of "3rd international symposium on molecular technology" 2009 May, Tehran, Iran.

4) Scientific manager of "Herbal medicines in human disorders" 2009; Tehran, Iran.

5) Member of "International Association for the Study of Pain (IASP)" Since 2001 till Present.

6) Executive manager in "Journal of medicinal plants" 2007 till now.

Research interests:

1) Neuroscience (Behavioral and Molecular aspects of Pain)

2) Alternative medicine (Acupuncture and Herbal medicine)

3) Clinical pain rehabilitation

4) Drug addiction

Skills:

1) Pain models

2) RT-PCR

3) Western Blotting

- 4) Herbal medicine
- 5) Stress models in animals
- 4) Acupuncture treatment
- 6) Statistica (moderate)

Language skills:

Turkey (mother tongue)
Persian (national language)
English (good)

Books

Zaringhalam J, Rastegar A. "Blood Physiology". Sina Teb Publication, Tehran, Iran. 2009.

International Papers

1. Eidi A, Oryan S, Zaringhalam J, Rad M.
Antinociceptive and anti-inflammatory effects of the aerial parts of *Artemisia dracunculoides* in mice.
Pharm Biol. 2015 Jun 16:1-6. [Epub ahead of print]
2. Nazemi S, Manaheji H, Noorbakhsh SM, Zaringhalam J, Sadeghi M, Mohammad-Zadeh M, Haghparast A.
Inhibition of microglial activity alters spinal wide dynamic range neuron discharge and reduces microglial Toll-like receptor 4 expression in neuropathic rats.
Clin Exp Pharmacol Physiol. 2015 Jul;42(7):772-9.
3. Zaringhalam J, Tekieh E, Manaheji H, Akhtari Z.
Cellular events during arthritis-induced hyperalgesia are mediated by interleukin-6 and p38 MAPK and their effects on the expression of spinal mu-opioid receptors.
Rheumatol Int. 2013 Sep;33(9):2291-9.
4. Zaringhalam J, Akhtari Z, Eidi A, Ruhani AH, Tekieh E.
Relationship between serum IL10 level and p38MAPK enzyme activity on behavioral and cellular aspects of variation of hyperalgesia during different stages of arthritis in rats.
Inflammopharmacology. 2014 Feb;22(1):37-44.
5. Zaringhalam M, Zaringhalam J, Shadnough M, Safaeyan F, Tekieh E.
Inhibitory Effect of Black and Red Pepper and Thyme Extracts and Essential Oils on Enterohemorrhagic *Escherichia coli* and DNase Activity of *Staphylococcus aureus*.
Iran J Pharm Res. 2013 Summer;12(3):363-9.
6. Zaringhalam J, Hormozi A, Tekieh E, Razavi J, Khanmohammad R, Golabi S.
Serum IL-10 involved in morphine tolerance development during adjuvant-induced arthritis.
J Physiol Biochem. 2014 Jun;70(2):497-507.
7. Moradi J, Abbasipour F, Zaringhalam J, Maleki B, Ziaee N, Khodadoust A, Janahmadi M.
Anethole, a Medicinal Plant Compound, Decreases the Production of Pro-Inflammatory TNF- α and IL-1 β in a Rat Model of LPS-Induced Periodontitis.
Iran J Pharm Res. 2014 Fall;13(4):1319-25.
8. Nazemi S, Manaheji H, Zaringhalam J, Sadeghi M, Haghparast A.
Post-injury repeated administrations of minocycline improve the antinociceptive effect of morphine in chronic constriction injury model of neuropathic pain in rat. *Pharmacol Biochem Behav.* 2012 Oct;102(4):520-5.

9. Tekieh, E., Zaringhalam, J., Manaheji, H., Maghsoudi, N., Alani, B., Zardooz, H. Increased serum IL-6 level time-dependently regulates hyperalgesia and spinal mu opioid receptor expression during CFA-induced arthritis. *EXCLI Journal* 10, pp. 23-33, 2011.
10. Manaheji, H., Jafari, S., Zaringhalam, J., Rezazadeh, S., Taghizadfarid, R. Analgesic effects of methanolic extracts of the leaf or root of *Moringa oleifera* on complete Freund's adjuvant-induced arthritis in rats. *Journal of Chinese Integrative Medicine* 9 (2), pp. 216-222, 2011.
11. Zardooz, H., Rostamkhani, F., Zaringhalam, J., Shahrivar, F.F. Plasma corticosterone, insulin and glucose changes induced by brief exposure to isoflurane, diethyl ether and CO₂ in male rats. *Physiological Research* 59 (6), pp. 973-978, 2010.
12. Zaringhalam, J., Akbari, A., Tekieh, E., Manaheji, H., Rezazadeh, S. *Achillea santolina* reduces serum interleukin-6 level and hyperalgesia during complete Freund's adjuvant-induced inflammation in male Wistar rats. *Journal of Chinese Integrative Medicine* 8 (12), pp. 1180-1189, 2010.
13. Tekieh, E., Rezazadeh, Sh., Manaheji, H., Akbari, A., Zaringhalam, J. The effects of pretreatment with *Achillea santolina* and *Stachys athorecalyx* extracts on CFA-induced acute inflammation in male rats *Journal of Medicinal Plants* 9 (34), pp. 165-176, 2010.
14. J. Zaringhalam, J. Shams, Sh. Rezazadeh, H. Manaheji, S. Akhondzadeh, F. Asefifar. "Role of the methanolic extracts of *Boswellia serrata* and *Lavandula angustifolia* on apomorphine induced ejaculation in male wistar rats" *Journal of Medical Plants Research* Vol. 4(3), December, 2010.
15. Jalal zaringhalam, Homa Manaheji, Ali Rastqar and Maryam Zaringhalam. "Reduction of chronic non-specific low back pain: A randomized controlled clinical trial on acupuncture and baclofen", *Chinese Medicine* 2010, 5:15.
16. Tavakkolifar B, Massoudi M, Zaringhalam J, "Review on Pharmacological Activities of Gum olibanum", *J. of Medicinal Plants*.
17. Mirzaie V, Manaheji H, Maghsoudi N, Zaringhalam J. "Comparison of changes in mRNA expression of spinal glutamate transporters following induction of two neuropathic pain models". *Spinal Cord*, Accepted and in press.
18. Haghparast A, Zaringhalam J, Khatibi A, Dianati E, Shams J. "The fruit essential oil of *Cuminum cyminum* L. reduced the acquisition but not expression of ineffective dose of morphine-induced conditioned place preference in morphine-sensitized mice". *Journal of Medical Plants*, 2009; 8(31).
19. Rezazadeh Sh. Zaringhalam J. Manaheji H. Kebriayezadeh A. "Anti-inflammatory and anti-hyperalgesic activities of *Stachys athorecalyx* extracts on CFA-induced inflammation". *Journal of Medicinal Plants Research*, 2009; 3(5), 368-76.
20. Zaringhalam J. Manaheji H. Maghsoudi N. Farokhi B. Mirzaee V. "Spinal mu-opioid receptor expression and hyperalgesia with dexamethasone in chronic adjuvant induced arthritis in rats." *Clinical and Experimental Journal of Physiology and Pharmacology* 2008; 35(11), 1309-15.
21. Mirzaee V. Manaheji H. Keramati K. Maghsoudi N. Zaringhalam J. "Comparing the neuropathic pain behavioral responses between CCI and SNI neuropathy models in male rats". *Journal of Physiology and Pharmacology* 2008;

11(4), 276-81.

22. Zaringhalam J. Manaheji H. Maghsoodi N. Farokhi B. Mirzaee V. "Investigation the relationship between hypothalamus-pituitary-adrenal (HPA) axis activity and hyperalgesia variation during chronic inflammation due to rheumatoid arthritis (RA) in male rats". Journal of Physiology and Pharmacology 2007; 11(2), 130-36.

23. Zaringhalam M. Sttari M. Zaringhalam J. Rezazadeh Sh. "Effect of Red pepper, Black pepper and Thyme (Zataria Multiflora Boiss) alcoholic extracts on growth and DNase activity of Staphylococcus aureus". Journal of Medical Plants 2008; 24, 17-22.

24. Zaringhalam, M., Sattari, M., Zaringhalam, J., Rezazadeh, Sh. Effect of black pepper, red pepper and Zataria multiflora Boiss. alcoholic extracts on growth and DNase activity of Staphylococcus aureus Journal of Medicinal Plants 6 (24), pp. 17-21, 2007.

25. Fallah Huseini H. Zaree A. Heshmat R. Rezaii Sharifabadi R. Naderi G.A. Zaringhalam J. Sheikh Samani A.H. The effect of Citrullus colocynthis (L) Schard. Fruit on oxidative stress parameters in type II diabetic patients Journal of Medical Plants 2006; 5 (2).

Presentations in Conferences:

1-Zaringhalam J. Manaheji H. Maghsoodi N. "Spinal mu-opioid receptor expression and hyperalgesia with dexamethasone in chronic adjuvant induced arthritis in rats" 19th Iranian Physiology and Pharmacology Congress, Tehran, Iran 2009; Nov (Poster presentation).

2-Zaringhalam J. Manaheji H. Maghsoodi N. Mazaheri EL. "Variation of spinal "mu" opioid receptor and hyperalgesia during adjuvant induced arthritis in male rats". 12th International Pain Congress, Glasgow, Scotland 2008; August (Poster presentation).

3- Zaringhalam J. Noroozi A. Rezazadeh SH. "Investigation the hypoglycemic effect of the moringa oleifera leaf extract on the gestational diabetes in Iranian pregnant women". 4th International Gestational Diabetes Congress, Istanbul, Turkey 2007(Poster presentation).

4- Zaringhalam J. Manaheji H. Maghsoodi, N. Farokhi, B.
"Investigation the relationship between hypothalamus-pituitary-adrenal (HPA) axis activity and hyperalgesia variation during chronic inflammation due to rheumatoid arthritis (RA) in male rats". 7thInternational Iranian Pain Congress, 2007 (Oral presentation).

5-Zaringhalam J. Manaheji M. "Comparison of acupuncture and baclofen treatment in patients with chronic tension myosistis syndrome". 12th International Congress of Pain Clinic (W.S.P.C), Turin, Italy 2006; July (Poster presentation).

6-Zaringhalam J, Falah hoseini H. "Comparison the effect of hirudo medicinalis and piroxicam capsule on reduction of inflammation and pain in the primary stages of rheumatoid arthritis of the knee." 2nd International Traditional Medical Congress in Shahid Beheshti University of Medical Sciences, 2004 (Poster presentation).

7-Zaringhalam J. Sinafar A. "Apotheosis, proposed etiology and treatment ways". 6th International Medical Congress Tabriz, Iran.1998; May (Oral presentation).

Seminars and workshops participated:

1) 19th Iranian Physiology and Pharmacology Congress, Tehran, Iran 2009.

2) The International Cell Death Symposium Presents: "Cell Death In Infectious Diseases and Cancer",

Johannesburg, South Africa, 2009,

- 2) Third International Symposium on Molecular Technology, Tehran, Iran 2009.
- 3) 12th International Pain Congress, Glasgow, Scotland 2008.
- 4) 4th International Gestational Diabetes Congress, Istanbul, Turkey 2007.
- 5) 18th Iranian Physiology and Pharmacology Congress, Mashhad, Iran 2007.
- 6) 7th, 6th and 4th International Iranian Pain Congresses, Iranian Pain Society, 2007, 2006 and 2004
- 7) 1st and 2nd International Symposium on Molecular Technology, Tehran, Iran 2006 and 2007.
- 8) 2nd federation of Asian – Oceania Neuroscience Societies (FAONS) symposium, Iran, Tehran 2004.
- 9) Drug Addiction Rehabilitation Conference, Tabriz medical university 2002.

Hobbies:

- 1) Mountain climbing
- 2) Swimming
- 3) Volleyball