



## ***CURRICULUM VITAE***

# **Seyed Mohammad Taghi Mansouri (Pharm.D., Ph.D.)**

*Adress : 3364 River Heights Crosing SE, Marietta, Georgia*

*Phone: +1-470-599-2093*

*E-mail: [mansouri\\_st@yahoo.com](mailto:mansouri_st@yahoo.com)*

*H-index in Scopus : 15*

**Information**      Nationality: Iranian  
Date of Birth: June 22, 1979  
Place of Birth: Isfahan, IR Iran  
Marital status: Married (two children)

**Language**            Persian, English (well)

**Education & Dissertations**      **Feb 1998-Feb 2003**, Pharm.D. Faculty of Pharmacy, Ahvaz Jundishapour University of Medical Sciences (Iran), **Pharm.D. Thesis:** Role of paragigantocellularis nucleus afferent to locus ceroleus nucleus on morphine dependence signs and pain score in rats: Behavioral & electrophysiological study. The score: **19.75** out of 20.

**Feb 2003-Feb 2008**, Ph.D. in Pharmacology, Faculty of Medicine, Mashhad University of Medical Sciences (Iran), **Ph.D. thesis:** Evaluation of cardiotoxic and insulinotropic effects of 4-methylquinolinone derivatives, cyclic nucleotide phosphodiesterase 3 isoenzyme inhibitor. The score: **19.25** out of 20.

**Mar 2008-Sep 2017**, Assistant Professor in Pharmacology, Dept of Pharmacology, Faculty of Medicine, Ahvaz Jundishapur University of Medical Sciences (AJUMS, Iran)

## Publications

1. Sarkaki AR, **Mansouri MT**, Zareie SM, Amari-Amir V. Role of brainstem paragigantocellularis nucleus cholinergic muscarinic receptors on pain score in rats. **Medical Journal of Ahvaz University of Medical Sciences** 2003, 35: 16-23 (in Persian)
2. Sarkaki AR, **Mansouri MT\***. The effect of reversible anesthesia of nucleus paragigantocellularis on locus cereleus nucleus during opiate-withdrawal in rats. **Iran J Basic Med Sci**, 2005, 8(1): 44-49 (in Persian)
3. **Mansouri MT**, Naghizadeh B, Hosseinzadeh H. The effect of *Pistacia vera* L. gum extract on oxidative damage during experimental cerebral ischemia-reperfusion in rats. **Iran Biomed J** 2005, 9(4): 181-185.
4. Hosseinzadeh H, Nassiri asl M, Parvardeh S, **Mansouri MT**. The effects of carbenoxolone on spatial learning in the Morris water maze task in rats. **Medical Science Monitor** 2005, 11(3): 88-94.
5. Nassiri asl M, Parvardeh S, **Mansouri MT**, Hosseinzadeh H. The effects of carbenoxolone, a gap junction channel blocker, on learning in Morris water maze task in rats. **Iran J Basic Med Sci**, 2005, 7(4): 250-256 (in Persian)
6. Hosseinzadeh H, Parvardeh S, Nassiri asl M, **Mansouri MT**. Intracerebroventricular administration of thymoquinone, the major constituent of *Nigella sativa* seeds, suppresses epileptic seizure in rats. **Medical Science Monitor** 2005, 11(4): 106-110.
7. Parvardeh S, Nassiri asl M, **Mansouri MT**, Hosseinzadeh H. Study on the anticonvulsant activity of thymoquinone, the major constituent of *Nigella sativa* seeds, through intracerebroventricular injection. **J Med Plants** 2005, 4(14): 45-52. (in Persian)
8. Hosseinzadeh H, Moghim F, **Mansouri MT**. Effect of *Nigella sativa* seed extracts on ischemia-reperfusion in rat skeletal muscle. **Pharmacologyonline** 2007, 2: 326-335.
9. Naghizadeh B, Boroushaki MT, Vahdati Mashhadian N, **Mansouri MT**. Protective effects of crocin against cisplatin-induced acute renal failure and oxidative stress in rats. **Iran Biomed J** 2008, 12(2): 93-100.
10. **Mansouri MT**, Shafiee-Nick R, Parsaee H, Seyedi SM, Saberi M, Sadeghian H. Inotropic and chronotropic effects of 6-hydroxy-4-methylquinolin-2(1H)-one derivatives in Isolated rat atria. **Iran Biomed J** 2008, 12(2): 77-84.
11. Cauli O, **Mansouri MT**, Agusti A, Felipo V. Hyperammonemia increases GABAergic tone in the cerebellum but decreases it in the rat cortex. **Gastroenterology** 2009, 136 (4): 1359-1367.
12. Cauli O, Rodrigo R, Piedrafita B, Llansola M, **Mansouri MT**, Felipo

V. Neuroinflammation contributes to hypokinesia in rats with hepatic encephalopathy: Ibuprofen restores its motor activity. **J Neurosci Res**, 2009, 87:1369–1374.

13. Cauli O, **Mansouri MT**. Motor alterations induced by chronic lead exposure. **Environ Toxicol Pharmacol**, 2009, 27: 307-313.

14. Sadeghian H, Seyedi SM, Saberi MR, Shafiee-Nick R, Hosseini A, Bakavoli M, **Mansouri MT**, Parsaee H. Design, synthesis and pharmacological evaluation of 6-hydroxy-4-methylquinolin-2(1H)-one derivatives as inotropic agents. **J Enzyme Inhib Med Chem** 2009, 24 (4): 918-929.

15. Naghizadeh B, **Mansouri MT\***, Vahdati Mashhadian N. Crocin attenuates cisplatin-induced renal oxidative stress in rats. **Food Chem Toxicol** 2010, 48: 2650-2655.

16. **Mansouri MT\***, Shafiee-nick R, Naghizadeh B, Parsaee H. Evaluation of the effects of new synthetic methylquinolinone derivatives on glucose-induced insulin secretion from rats' isolated Langerhans islets. **Medical Journal of Birjand University of Medical Sciences** 2010, 17(1): 1-10. (in persian)

17. Sameri M.J, Sarkaki A, Farbood Y, **Mansouri MT**. Motor disorders and impaired electrical power of pallidal EEG improved by gallic acid in animal model of Parkinson's disease. **Pak J Biol Sci** 2011, 14(24): 1109-1116.

18. Rafiei Rad M, Sarkaki A, Hossini SE, Farbood Y, **Mansouri MT**, Motamedi F. Effect of grape seed extract upon lipid peroxidation induced by cerebral hypoperfusion/ ischemia in the striatum in rats. **Scientific J Vet Biol** 2011, 4 (in Persian)

19. Sarkaki A, Rafiei Rad M, Hossini SE, Farbood Y, **Mansouri MT**, Motamedi F. Cognitive deficiency induced by cerebral hypoperfusion/ ischemia improves by exercise and grape seed extract. **HealthMed** 2012, 6(4): 1097-1104.

20. **Mansouri MT**, Naghizadeh B, Lopez-larrublia P, Cauli O. Gender-dependent behavioural impairment and brain metabolites in young adult rats after short term exposure to lead acetate. **Toxicol Lett** 2012, 210: 15-23.

21. **Mansouri MT\***, Farbood Y, Jafar Sameri M, Sarkaki A, Naghizadeh B, Rafeirad M. Neuroprotective effects of oral gallic acid against oxidative stress induced by 6-hydroxydopamine in rats. **Food Chem** 2013, 138: 1028–1033.

22. Sarkaki AR, Hajipour S, **Mansouri MT**, Pilevarian A, Rafieerad M. Pomegranate seed hydroalcoholic extract improves memory deficit due to

permanent cerebral hypoperfusion/ischemia in male rats. **HealthMed** 2013, 7(3): 863-871.

23. Farbood Y, Sarkaki AR, Hashemi S, **Mansouri MT**, Dianat M. The effects of gallic acid on pain and memory following transient global ischemia/reperfusion in Wistar rats. **Avicena J Phytomed** 2013, 3 (4), 329-340.

24. Sarkaki AR, Rafieirad M, Hossini SE, Farbood Y, Motamedi F, **Mansouri MT**, Naghizadeh B. Improvement in memory and brain long-term potentiation deficits due to permanent hypoperfusion/ischemia by grape seed extract in rats. **Iran J Basic Med Sci** 2013, 16 (9), 1004-1010.

25. **Mansouri MT**, Naghizadeh B, López-Larrubia P, Cauli O. Behavioural deficits induced by lead exposure are accompanied by serotonergic and cholinergic alterations in the prefrontal cortex. **Neurochem Int** 2013, 62(3): 232-239.

26. **Mansouri MT\***, Naghizadeh B, Ghorbanzadeh B, Farbood Y, Sarkaki AR, Bavarsad K. Gallic acid prevents memory deficits and oxidative stress induced by intracerebroventricular injection of streptozotocin in rats. **Pharmacol Biochem Behav** 2013, 111, 90-96.

27. Naghizadeh B, **Mansouri MT\***, Ghorbanzadeh B, Farbood Y, Sarkaki AR. Protective effects of oral crocin against intracerebroventricular streptozotocin-induced spatial memory deficit and oxidative stress in rats. **Phytomedicine** 2013, 20(6): 537-542.

28. Sarkaki AR, Valipour Chehardacheric S, Farbood Y, **Mansouri MT**, Naghizadeh B, Basirian E. Effects of fresh, aged and cooked garlic extracts on short- and long-term memory in diabetic rats. **Avicena J Phytomed** 2013, 3(1): 45-55.

29. **Mansouri MT\***, Farbood Y, Ghorbanzadeh B, Naghizadeh B, Sarkaki AR. Central and peripheral antinociceptive effects of ellagic acid in different animal models of pain: Possible mechanisms. **Eur J Pharmacol** 2013, 707:46–53.

30. **Mansouri MT\***, Naghizadeh B, Ghorbanzadeh B. Sildenafil enhances the peripheral antinociceptive effect of ellagic acid in the rat formalin test. **Indian J Pharmacol** 2014, 46: 404-408.

31. **Mansouri MT\***, Naghizadeh B, Ghorbanzadeh B. Involvement of opioid receptors in the systemic and peripheral antinociceptive action of ellagic acid in the rat formalin test. **Pharmacol Biochem Behav** 2014, 120, 43–49.

32. Ghorbanzadeh B, **Mansouri MT\***, Hemmati AA, Naghizadeh B, Mard SA, Rezaie A. Involvement of L-arginine/NO/cGMP/K<sub>ATP</sub> channel pathway in the peripheral antinociceptive actions of ellagic acid in the rat

formalin test. **Pharmacol Biochem Behav** 2014, 126, 116-121.

33. **Mansouri MT\***, Naghizadeh B, Ghorbanzadeh B. Ellagic acid enhances morphine analgesia and attenuates the development of morphine tolerance and dependence in mice. **Eur J Pharmacol** 2014, 741: 272–280.

34. Naghizadeh B, **Mansouri MT\***, Ghorbanzadeh B. Protective effects of crocin against streptozotocin-induced oxidative damage in rat striatum. **Acta Med Iranica** 2014, 52: 101-105.

35. Sarkaki A, Fathimoghaddam H, **Mansouri MT**, Shahrani Korrani M, Saki G, Farbood Y. Gallic acid improves cognitive, hippocampal long-term potentiation deficits and brain damage induced by chronic cerebral hypoperfusion in rats. **Pak J Biol Sci** 2014, 17 (8): 978-990.

36. Hajipour S, Sarkaki A, **Mansouri MT**, Pilevarian A, RafieiRad M. Motor and cognitive deficits due to permanent cerebral hypoperfusion/ischemia improve by pomegranate seed extract in rats. **Pak J Biol Sci** 2014, 17 (8): 991-998.

37. Shahrani Korani M, Farbood Y, Sarkaki AR, Fathi Moghaddama H, **Mansouri MT\***. Protective effect of gallic acid against chronic cerebral hypoperfusion-induced cognitive deficit and brain oxidative damage in rats. **Eur J Pharmacol** 2014, 733: 62-67.

38. Hajipour S, Sarkaki A, **Mansouri MT**, Pilevarian A, RafieiRad M. Motor and cognitive deficits due to permanent cerebral hypoperfusion/ischemia improve by pomegranate seed extract in rats. **Pak J Biol Sci** 2014, 17 (8): 991-998.

39. **Mansouri MT\***, Soltani M, Naghizadeh B, Farbood Y, Mashak A, Sarkaki AR. A possible mechanism for the anxiolytic-like effect of gallic acid in the rat elevated plus maze. **Pharmacol Biochem Behav** 2014, 117, 40-46.

40. Pipelzadeh MH, **Mansouri MT\***. Pharmacological characteristics of granulation tissue: a key in understanding the wound healing phenomenon? **Austin J Pharmacol Ther** 2014, 2 (4): 2.

41. **Mansouri MT**, Ghorbanzadeh B, Hemmati AA, Naghizadeh B, Mard SA, Rezaie A. A study of the mechanisms underlying the anti-inflammatory effect of ellagic acid in carrageenan-induced paw edema. **Indian J Pharmacol** 2015, 47: 292-298

42. **Mansouri MT\***, Naghizadeh B, Ghorbanzadeh B. Ellagic acid enhances the antinociceptive action of venlafaxine in mouse acetic acid-induced pain: An isobolographic analysis. **Pharmacol Rep** 2015, 67: 473-477.

43. **Mansouri MT\***, Khodayar MJ, Tabatabaee AH, Ghorbanzadeh B,

Naghizadeh B. Modulation of morphine antinociceptive tolerance and physical dependence by co-administration of simvastatin. **Pharmacol Biochem Behav** 2015, 137: 38-43.

44. Fadaei-Kensary M, Farbood Y, **Mansouri MT**, Fathimoghaddam H. Effects of venlafaxine and methadone alone and in combination on spontaneous morphine withdrawal syndrome and pain sensation in rats. **Basic Clin Neurosci** 2015, 6, 21-28.

45. Farbood Y, Sarkaki AR, Dolatshahi M, **Mansouri MT**, Khodadadi A. Ellagic acid protects the brain against 6-hydroxydopamine-induced neuroinflammation in a rat model of Parkinson's disease. **Basic Clin Neurosci** 2015, 6 (2), 83-89.

46. Dolatshahi M, Farbood Y, Sarkaki A, **Mansouri MT**, Khodadadi A. Ellagic acid improves hyperalgesia and cognitive deficiency in 6-hydroxydopamine induced rat model of Parkinson's disease. **Iran J Basic Med Sci** 2015, 18, 38-46.

47. Sarkaki AR, Gharib Naseri MK, Farbood Y, Badavi M, **Mansouri MT**, Mirshekar MA. Gallic acid improved cognitive, brain electrophysiological and inflammatory deficits due to experimental traumatic brain injury in male rat. **Can J Physiol Pharmacol** 2015, 93(8): 687-694.

48. Naghizadeh B, **Mansouri MT\***. Protective effects of gallic acid against streptozotocin-induced oxidative damage in rat striatum. **Drug Res** 2015, 65: 515-520.

49. Farbood Y, **Mansouri MT**, Ahmadian SM, Mard SA, Sarkaki AR. Effect of ellagic acid on animal behavior in elevated plus maze and open field tests. **Jentashapir J Health Res** 2015, 6(6): 37-44.

50. Nikbakht J, Hemmati AA, Arzi A, **Mansouri MT\***, Rezaie A, Ghafourian M. Protective effect of gallic acid against bleomycin-induced pulmonary fibrosis in rats. **Pharmacol Rep** 2015, 67: 1061-1067.

51. Ghaffari MA, **Mansouri MT**, Haghhighzadeh MH, Rafie E. Evaluation of serum vaspin and chemerin levels in type 2 diabetic and treated with anti diabetic drugs metformin and acarbose in rats. **J Fasa Univ Med Sci** 2015, 5: 120-133 (in Persian).

52. Ghorbanzadeh B, **Mansouri MT\***, Sahraei H, Alboghobeish S. Involvement of opioid receptors in the systemic and peripheral antinociceptive actions of montelukast in the animal models of pain. **Eur J Pharmacol** 2016, 779, 38-45.

53. Naghizadeh B, **Mansouri MT\***, Ghorbanzadeh B. Ellagic acid enhances the antinociceptive action of carbamazepine in the acetic acid writhing test with mice. **Pharm Biol** 2016, 54(1): 157-161.

54. Houshmand GR, **Mansouri MT\***, Naghizadeh B, Hemati AA, Hashemitabar M. Potentiation of indomethacin-induced anti-inflammatory response by pioglitazone in carrageenan-induced acute inflammation in rats: the role of PPAR $\gamma$  receptors. **Int Immunopharmacol** 2016, 38: 434-442.
55. Farbood Y, Sarkaki AR, Dolatshahi M, **Mansouri MT**, Khodadadi A. Neuroprotective effects of ellagic acid in a rat model of Parkinson's disease induced by 6-hydroxydopamine. **Acta Med Iranica** 2016, 54(8):494-502.
56. **Mansouri MT\***, Farbood Y, Naghizadeh B, Shabani S, Mirshekar MA, Sarkaki A. Beneficial effects of ellagic acid against animal models of scopolamine- and diazepam-induced cognitive impairments. **Pharm Biol** 2016, 54(10): 1947-1953.
57. Ahangarpour A, Lamoochi Z, Fathi Moghaddam H, **Mansouri MT**. MEffects of *Portulaca oleracea* ethanolic extract on reproductive system of aging female mice. **Int J Reprod BioMed** 2016, 14(3): 205-212.
58. **Mansouri MT\***, Naghizadeh B, Ghorbanzadeh B, Alboghobeish S. Systemic and local anti-nociceptive effects of simvastatin in the rat formalin assay: Role of peroxisome proliferator-activated receptor- $\gamma$  and nitric oxide. **J Neurosci Res** 2017, 95 (9): 1776-1785.
59. Naghizadeh B, **Mansouri MT\***, Ghorbanzadeh B, Rajabi H, Pashmforousha M. Systemic and peripheral antinociceptive activities of pioglitazone in the rat formalin test: Role of PPAR $\gamma$  receptors and nitric oxide. **Eur J Pharmacol** 2017, 805: 84-92.
60. Fadaei-Kenrsary M, Farbood Y, **Mansouri MT**, Fathimoghaddam H. Administration of venlafaxine after chronic methadone detoxification blocks post-depression relapse in rats. **Braz Arch Biol Technol** 2017, 60: 1-14.
61. Ghorbanzadeh B, **Mansouri MT\***, Naghizadeh B, Alboghobeish S. Local antinociceptive action of fluoxetine in the rat formalin assay: Role of L-arginine-nitric oxide-cGMP-K<sub>ATP</sub> channel pathway. **Can J Physiol Pharmacol** (Inpress)
62. **Mansouri MT\***, Naghizadeh B, Ghorbanzadeh B, Alboghobeish S, Houshmand GR, Amirgholami N. Venlafaxine attenuates the development of morphine tolerance and dependence: Role of L-arginine/nitric oxide/cGMP pathway. **Endocrine, Metabolic & Immune Disorders - Drug Targets** (Inpress)
63. **Mansouri MT\***, Naghizadeh B, Ghorbanzadeh B, Alboghobeish S, Amirgholami N, Houshmand GR, Cauli O. Venlafaxine prevents morphine antinociceptive tolerance through ameliorating BDNF, oxidative stress and neuroinflammation in mouse brain: role of L-Arginine-NO pathway.

Submitted to **Exp Neurology**

**\*Corresponding Author**

## **Presentations**

1. Honarmand M, Axi C, **Mansouri SMT**. The effect of diltiazem injection into the dorsal raphe nucleus on pain intensity in rat using formalin test. 6<sup>th</sup> Congress of Iranian Pharmacy Students, **2000, Ahvaz, Iran.**
2. Zareie SM, **Mansouri SMT**. The effect of *Trigonella foenum-graceum* on pain intensity of rats using formalin test. 6<sup>th</sup> Congress of Iranian Pharmacy Students, **2000, Ahvaz, Iran.**
3. **Mansouri SMT**, Zaheri Z, Alavian SA. Effect of sesame oil diet on striatal neural activity in animal model of parkinson's disease. 6<sup>th</sup> Congress of Iranian Pharmacy Students, **2000, Ahvaz, Iran.**
4. **Mansouri SMT**, Zareie SM. The effect of AP<sub>5</sub> injection into the brainstem paraventricular nucleus on pain intensity in rats. 7<sup>th</sup> Congress of Iranian Pharmacy Students, **2001, Isfahan, Iran.**
5. **Mansouri SMT**, Zareie SM. The effect of schopolamine injection into the brainstem lateral paraventricular nucleus on pain intensity in rats. 7<sup>th</sup> Congress of Iranian Pharmacy Students, **2001, Isfahan, Iran.**
6. Sarkaki AR, **Mansouri SMT**, Zareie SM, Arzi A. The effect of AP<sub>5</sub>, NMDA receptor antagonist, injection in brainstem paraventricular nucleus on pain score in rats. 15<sup>th</sup> Iranian Congress of Physiology and Pharmacology, **5-8 Nov 2001, Shiraz, Iran.**
7. Sarkaki AR, **Mansouri SMT**, Alavian SA. Role of paraventricular nucleus on locus ceruleus nucleus local EEG during morphine addiction and withdrawal syndrome. 16<sup>th</sup> Iranian Congress of Physiology and Pharmacology, **9-13 May 2003, Tehran, Iran.**
8. Alavian SA, Sarkaki AR, **Mansouri SMT**. Effect of sesame oil diet on spatial memory and striatal local EEG in animal model of parkinson's disease. 16<sup>th</sup> Iranian Congress of Physiology and Pharmacology, **9-13 May 2003, Tehran, Iran.**
9. Hosseinzadeh H, Nassiri asl M, Parvardeh S, **Mansouri SMT**. The effects of carbenoxolone on spatial learning in Morris water maze task in rats. 3<sup>rd</sup> International Congress of Health, Environment, Natural Products, **25-28 Sep 2004, Mashhad, Iran.**
10. Hosseinzadeh H, Parvardeh S, Nassiri asl M, **Mansouri SMT**. Intracerebroventricular administration of thymoquinone, the major



constituent of *Nigella sativa* seeds, suppresses epileptic seizure in rats. 3<sup>rd</sup> International Congress of Health, Environment, Natural Products, **25-28 Sep 2004, Mashhad, Iran.**

11. **Mansouri SMT**, Naghizadeh B, Hosseinzadeh H. Protective effect of *Pistacia vera* L. gum extract on oxidative damage during experimental cerebral ischemia-reperfusion in rats. 17<sup>th</sup> Iranian Congress of Physiology and Pharmacology, **26-30 Agu 2007, Mashhad, Iran.**

12. Sadeghian H, Seyedi SM, Saberi MR, Shafiee-Nick R, **Mansouri SMT**, Hosseini A, Parsae H, Bakavoli M. 2nd Workshop on Computer Aided Drug Design & Development: Molecular Modeling. **29 Jun 2008, Ankara, Turkey**

13. Sarkaki AR, Hoseini E, Motamedi F, Farbood Y, **Mansouri SMT**. Oxidative stress due to ischemia improved by grape seed extract. 20<sup>th</sup> Iranian Congress of Physiology and Pharmacology, **10-14 Oct 2011, Hamedan, Iran.**

14. Sarkaki AR, Arzi A, Farbood Y, **Mansouri SMT**, Keramati K, Eidypour Z, Jafar Sameri M, Amirizadeh M, Rafiei Rad M. Movement dysfunctions and brain electrical power were improved by natural and synthetic antioxidants in animal model of Parkinson's disease. 20<sup>th</sup> Iranian Congress of Physiology and Pharmacology, **10-14 Oct 2011, Hamedan, Iran.**

15. Sameri M, Sarkaki AR, **Mansouri SMT**, Farbood Y, Eidipour Z. Evaluation the effect of Gallic acid on oxidative stress parameters of brain in animal model of Parkinson's disease. 20<sup>th</sup> Iranian Congress of Physiology and Pharmacology, **10-14 Oct 2011, Hamedan, Iran.**

16. Valipour S, Sarkaki A, Farbood Y, **Mansoori SMT**, Naghizadeh B, Basireyan E. Effect of 30 days oral administration of fresh, old and cooked garlic on pain in male and female diabetic rats. 20<sup>th</sup> Iranian Congress of Physiology and Pharmacology, **10-14 Oct 2011, Hamedan, Iran.**

17. **Mansouri SMT**, Shafiee-nick R, Naghizadeh B, Parsae H. Evaluation of the effects of new synthetic methylquinolinone derivatives on glucose-induced insulin secretion from rats' isolated Langerhans islets. 20<sup>th</sup> Iranian Congress of Physiology and Pharmacology, **10-14 Oct 2011, Hamedan, Iran.**

18. Naghizadeh B, **Mansouri SMT**, Vahdati Mashhadian N. Evaluation the effect of crocin (the major pigment of *Crocus sativus*) on cisplatin-induced renal toxicity. 47<sup>th</sup> Congress of European Societies, **Eurotox, 28-31 Aug 2011, Paris, France.**

19. **Mansouri SMT**, Naghizadeh B, Hosseinzadeh H. Evaluation the neuroprotective effect of *Pistacia vera* L. gum extract against cerebral ischemia-reperfusion model of rats. 47<sup>th</sup> Congress of European Societies,

**Eurotox, 28-31 Aug 2011, Paris, France.**

20. Naghizadeh B, **Mansouri SMT**, Ghorbanzadeh B, Farbood Y, Sarkaki AR. Protective effects of oral crocin against intracerebroventricular streptozotocin-induced spatial memory deficit and oxidative stress in rats. 21<sup>st</sup> Iranian Congress of Physiology and Pharmacology, **23-27 Aug 2013, Tabriz, Iran.**

21. **Mansouri MT**, Naghizadeh B, Lopez-Larrubia P, Cauli O. Gender-dependent behavioural impairment and brain metabolites in young adult rats after short term exposure to lead acetate. 21<sup>st</sup> Iranian Congress of Physiology and Pharmacology, **23-27 Aug 2013, Tabriz, Iran.**

22. Sarkaki AR, Hajipour S, **Mansouri MT**, Pilevarian A, RafieiRad M. The effect of Pomegranate seed hydroalcoholic extract on active avoidance memory after permanent global cerebral hypoperfusion-ischemia in adult male rats. 21<sup>st</sup> Iranian Congress of Physiology and Pharmacology, **23-27 Aug 2013, Tabriz, Iran.**

23. Fadaei Kenarsary M, Fathi Moghaddam H, Farbood Y, **Mansouri MT**. Effects of methadone, depression and venlafaxine on morphine withdrawal syndrome in rats. 21<sup>st</sup> Iranian Congress of Physiology and Pharmacology, **23-27 Aug 2013, Tabriz, Iran.**

**Teaching  
experience &  
interests**

1. Principles of Pharmacodynamic, Signal Transduction & Ion Channels Pharmacology, Neuropharmacology to PhD students of pharmacology.
2. Principles of Receptor Pharmacology to PhD students of physiology.
3. Principles of Pharmacotherapy, Autonomic nervous system pharmacology, Neuropharmacology, Antibiotic drugs, Autocoids and Endocrine pharmacology to medical students.
4. Principles of Pharmacology, Pharmacology of Autonomic & Central Nervous Systems to Medical, Nursing & Midwifery, MSc of Physiology students.

**Honors &  
Awards**

1. 3<sup>rd</sup>-ranked in 14<sup>th</sup> Iran national basic medical science exam, **2000**, Iran.
2. 1<sup>st</sup>-ranked in 14<sup>th</sup> basic medical science exam in AJUMS, **2000**, Ahvaz, Iran.
3. 2<sup>nd</sup>-ranked in 6<sup>th</sup> Congress of Iranian Pharmacy Students, **2000**, Ahvaz, Iran.
4. 2<sup>nd</sup>-ranked in pharmacy students of AJUMS , **2003**, Ahvaz, Iran.

5. Award winner of the excellent student in three consecutive years of **2001, 2002, 2003** in AJUMS, Ahvaz, Iran.
6. 1<sup>st</sup>-ranked in Iran national Ph.D. of pharmacology entrance exam, **2003**.
7. 3<sup>rd</sup>-ranked in specific genius of Iranian Ministry of Health & Medical Education, **2003**.
8. Iranian Ministry of Health & Medical Education research travel grant for a 6-month stay as part of my Ph.D. program in the laboratory of Prof. Vicente Felipo at Principe Felipe Institute , Valencia, Spain, **2007**
9. The best researcher of 3<sup>rd</sup> rank of Faculty in AJUMS, **2010**, Ahvaz, Iran.
10. The best researcher in Medical Sciences in Khuzestan Province, Iran, **2010**.
11. The best proposal in educational leadership concept, Motahari National Education Festival, Tehran **2013**, Iran (**title**: improvement of prescription and use of drugs in physicians and the other peoples culture through education course)
12. The best researcher in AJUMS for publishing the articles with the highest impact factor, **2014**, Ahvaz, Iran.
13. The best researcher in AJUMS for the highest H-index among 645 academic staffs, **2015**, Ahvaz, Iran.

## **Professional membership**

1. Invited reviewer of national & international scientific journals including: J Neurosci Res, Physiol Behav, Int J Neuropsychopharmacol, Prog Neuropsychopharmacol Biol Psychiatry, J Neurochem, Neurosci lett, Pharm Biol, Food Chem Toxicol, BMC Compl Alter Med, Planta Medica, Toxicol Ind Health, Environ Toxicol Pharmacol, Chinese J Integr Med, Avicena J Phytomed, Iran J Basic Med Sci.
2. Member of Physiology Research Center in AJUMS, **2008-present**.
3. Secretary of Rational Use of Drug Committee in AJUMS, **2009-2011**.
4. Director of Drug & Poison information Center in AJUMS, **2009-2011**.
5. Member of Foundation Committee of Cardiovascular Research Center in AJUMS, **2011-2017**.
6. Member of Animal Ethics Committee in AJUMS, **2014**.
7. Educational Consultant of Medical Students, Faculty of Medicine,

AJUMS, **2012-2017**.

8. Member of Iranian Society of Physiology & Pharmacology, **2007-present**.

9. Head of Department of Pharmacology, Faculty of Medicine, AJUMS, **2011-2016**.

10. Editorial board of Austin J Pharmacology & Therapeutics, **2014-present**.

11. Editorial board of Current Clinical Pharmacology, **2017-present**.

**Research  
experience &  
interests**

1. Behavioral Pharmacology ( pain, learning-memory, anxiety)

2. Streatoxic surgery

3. Pharmacodynamic interaction of different drugs in animal models of pain & inflammation (Isobolographic analysis)

4. Drug addiction and exploring the underlying mechanisms of drugs affected this disorder

5. Measuement of aminoacides and some neurotransmitters in the CSF of rats using microdialysis assay

6. Induction of different animal models of neurodegenerative diseases such as Parkinson's disease, Alzheimer's disease, vascular dementia

7. Induction of rat model of hepatic encephalopathy & bile duct ligation

8. Primary cerebellar granule cell culture & molecular biology techniques

9. Canulation of jigular, carotid & portal veins in rats

10. Isolation of rat atria with determination the effect of drugs on inotropic & chronotropic activity

11. Isolation of Langerhans islets from rat pancreas with determination the effect of drugs on insulin secretion

12. Hormone assay (ELISA,  $\gamma$ -Counter)

13. Enzyme assay (Spectrophotometric)

14. HPLC-Flurimetry Analysis

## **Skills**

1. Scientific writing (proposals, scientific reports, editorial, research and review articles)
2. General: Endnote Program, Microsoft Office (Word, Excell, Power Point)
3. Graph Design: Photoshop
4. Statistical Analysis: Instat, Sigma Plot, Prism

## **Theses supervised or advised**

### **1. Ph.D Students:**

- Maryam Rafiee-Rad (Physiology)
- Mehrdad Shahrani korani (Physiology)
- Mohammad Ali Mirshekar (Physiology)
- Mojtaba Dolatshahi (Physiology)
- Behnam Ghorbanzadeh (Pharmacology)
- Jafar Nikbakht (Pharmacology)
- Gholamreza Houshmand (Pharmacology)
- Mohammad Nemati (Pharmacology)
- Hossein Rajabi (Pharmacology)

### **2. M.Sc Students:**

- Ahmad Masshak (Physiology)
- Somayeh Hajipour (Physiology)
- Mostafa Ahmadian (Physiology)
- Ali Nesari (Toxicology)
- Zohreh Lamouchi (Physiology)

### **3. Pharm.D Students:**

- Masoud Khatami-nia
- Paria Alipour
- Ahad Khazaei
- Amirhossein Tabatabaei

### **4. M.D Students**

- Masumeh Abbasi (M.D.)
- Alireza Rahimi (M.D., special psychiatrics)

## **Reference(s)**

1. Prof. Vicente Felipo, Head of Neurobiology Lab, Centro de Investigation Principe Felipe, Valencia, Spain ([vfelipo@cipf.es](mailto:vfelipo@cipf.es))
2. Prof. Omar Cauli, Faculty of Nursing, University of Valencia, Valencia, Spain ([Omar.Cauli@uv.es](mailto:Omar.Cauli@uv.es))
3. Prof. Mohammad hasan Pipelzadeh, Dept of Pharmacology, School of

Medicine, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran  
([mhpipealzadeh@yahoo.com](mailto:mhpipealzadeh@yahoo.com))

4. Prof. Marjan Nassiri asl, Dept of Pharmacology, School of Medicine,  
Qazvin University of Medical Sciences, Qazvin, Iran  
([mnassiriasl@qums.ac.ir](mailto:mnassiriasl@qums.ac.ir), [marjannassiriaslm@gmail.com](mailto:marjannassiriaslm@gmail.com))

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