

CURRICULUM VITAE

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Education:

Undergraduate: School of Sciences, Razi University, February 1983 – August 1987; B.S. in Biology, August 1987
Graduate School: Shahid Beheshti University of Medical Sciences, February 1988 – January 1991; M.S. in Physiology, January 1991
Shahid Beheshti University of Medical Sciences, February 1994 – June 1998; Ph.D. in Physiology, June 1998

HONORS:

- One of the best University teachers, Kermanshah University of Medical Sciences, 2011- 2014
- One of the best University researchers, Kermanshah University of Medical Sciences, 2000- 2014
- Selected Professor of the province, Elites center of the Kermanshah's governor, 2014

PATENT:

EDITORIAL BOARD:

- Member, Reviewer Board of the International Journal of the Kermanshah University of Medical Sciences,
- Reviewer of the International Journal of the Physiology and Pharmacology

SOCIETY MEMBERSHIP:

- Iranian Society of Physiology and Pharmacology
- International Brain Research Organization (IBRO)

UNIVERSITY APPOINTMENT:

March 2011- Professor, Department of Physiology, School of Medicine, Kermanshah University of Medical Sciences
August 2008- March 2011 Associate Professor, Department of Physiology, School of Medicine, Kermanshah University of Medical Sciences
February 1998- August 2008 Assistant Professor, Department of Physiology, School of Medicine, Kermanshah University of Medical Sciences

August 1991- February 1998 Lecturer, General Physiology, Kermanshah
University of Medical Sciences
March 1988- August 1991 Instructor, Physiology, Physiology Lab, Shahid
Beheshti University of Medical Sciences

Teaching experience:

In Tehran, 1988- 1991

March 1988- August 1991 Undergraduate Physiology Lab, Shahid
Beheshti University of Medical Sciences

Kermanshah University of Medical Sciences, 1991-PRESENT

1991- Present Physiology courses for medical, dental and
pharmacy students
2010- Present Advanced Research Methods course for Ph.D. by
Research students
2008- Present Physiology courses for the M.S. students

VISITING PROFESSORSHIP AND INVITED LECTURES (NATIONAL AND INTERNATIONAL):

May 1989 Shahid Beheshti University of Medical Sciences
November 1990 AOPS Congress, New Delhi
December 1991 Ahwaz University of Medical Sciences
November 1995 Iran University of Medical Sciences
November 1996 Shahid Beheshti University of Medical Sciences
August 1997 Esfahan University of Medical Sciences
October 1998 FAOPS Congress, Brisbane
May 1999 Tehran University of Medical Sciences
November 2001 Shiraz University of Medical Sciences
September 2002 University of Malaya Center for Continuing
Education
June 2003 World Congress of Neurosciences, Prague
May 2003 Tarbiat Modares University
April 2004 Shiraz University of Medical Sciences
July 2004 Portuguese Society of Neuroscience
February 2005 Tehran University of Medical Sciences
October 2005 Kerman University of Medical Sciences
December 2005 Azad University of Medical Sciences
May 2006 Kashan University of Medical Sciences
September 2006 Tarbiat Modares University
February 2007 Royan Institute
August 2007 Mashhad University of Medical Sciences
May 2008 Shahid Beheshti University of Medical Sciences
November 2009 Tehran University of Medical Sciences

COMMITTEES AND OFFICES HELD:

University Committees

2001- Present Faculty Research Committee
2008- Present University Research Committee

OTHER ACTIVITIES:

- 2001 Referee, Poster presented at the Physiology and Pharmacology Congress, Tehran
- 2003 Referee, Poster presented at the Physiology and Pharmacology Congress, Shiraz
- 2005 Referee, Poster presented at the Physiology and Pharmacology Congress, Kerman
- 2007 Referee, Poster presented at the Physiology and Pharmacology Congress, Mashhad
- 2009 Referee, Poster presented at the Physiology and Pharmacology Congress, Tehran
- 2008- Head of the Department of Physiology

Publications:

- 1- **A Pourmotabbed**, F Motamedi, Y Fathollahi, FA Mansouri, S Semnianian, Assessment of the role of NMDA receptors and voltage dependent calcium channels on augmentation of long-term potentiation in CA1 hippocampal area of morphine dependent rats, *Physiology & Pharmacology*, 2 (1997) 84-96
- 2- **A Pourmotabbed**, F Motamedi, Y Fathollahi, FA, Mansouri, S Semnianian, Involvement of NMDA receptors and voltage- dependent – calcium channels On augmentation of long – term potentiation in hippocampal CA1 area of morphine dependent rats, *Brain Res*, 804 (1998) 125-134
- 3- A Amini, MH Mirmomeni, E Cheraghi, E Ghamari, **A Pourmotabbed**, The study of the antioxidant effects of retinoic acid on reduced toxic effect of ogenol in mice, *Yakhteh*, 8 (2000) 203-207
- 4- A Amini, E Ghamari, MH Mirmoeini, **A Pourmotabbed**, E Cheraghi, The study of the protective effects of corcomin on prevention of cytotoxic effects of retinoic acid in mice, *Yakhteh*, 9 (2001) 15-19
- 5- **A Pourmotabbed**, B Rostamian, G Manouchehri, G Pirzadeh-Jahromi, H Sahraei, H Ghoshooni, H Zardooz, M Kamalinejad, Effects of Papaver rhoeas extract on the expression and development of morphine-dependence in mice, *J. Ethnopharmacol*, 95 (2004) 431-435
- 6- **A Pourmotabbed**, A Touhidi, H Haghhighizad, F Azizkhani, Effect of restraint stress on withdrawal syndrome signs in mice, *Physiology & Pharmacology*, 8 (2004) 23-30
- 7- **A Pourmotabbed**, B Rostamian, G Manouchehri, M Fathi, M Kamalinejad, H Sahraei, Evaluation of the effect of papaver rhoeas L., on naloxone induced jumping behavior and diarrhea in morphine dependent mice, *Medical Planets*, 12 (2004) 13-20

- 8- H Sahraei, YA Amiri, A Haeri-Rohani, H Sepehri, SH Salimi, **A Pourmotabbed**, H Ghoshooni, A Zahirodin, H Zardooz, Different effects of GABAergic receptors located in the ventral tegmental area on the expression of morphine-induced conditioned place preference in rat, **E. J. Pharmacol**, 524 (2005) 95-101
- 9- R Ghorbani, AM Gharavi, M Khazaei, M Emami Alagha, **A Pourmotabbed**, J Ghasemi, P Sayadi, Effect of Bisfenol A on the weight and microstructure of testes and prostate of rat, **J Gorgan Univdrstity of Medical Sciences**, 1 (2005) 11-17
- 10- **A Pourmotabbed**, M Tahmassian, M Shahi, H Karami Darabkhani, Y Fathollahi, The effect of morphine dependence on spatial learning and memory of rats, **Physiology & Pharmacology**, 9 (2005) 127-138
- 11- AM Gharavi, R Ghorbani, M Khazaei, **A Pourmotabbed**, M Emami Alagha, J Ghassemi, P Sayadi, Altered pituitary hormone secretion in male rats exposed to bisphenol A, **Indian J. Occup. Environ. Med**, 10 (2006) 24-27
- 12- **A Pourmotabbed**, SE Nedaei, E Mehrabinasab, Assessment of the role of NMDA receptors located in hippocampal CA1 area on the effects of oral morphine dependency on spatial learning and memory in rat, **Physiology & Pharmacology**, 10 (2006) 115-123
- 13- **A Pourmotabbed**, A Touhidi, SE Nedaei, B Farshchi, N Peyvastegan, S Samadzadeh, Long-lasting effects of oral morphine dependence on spatial learning and memory in rats, **Physiology & Pharmacology**, 11 (2007) 167-173
- 14- **A Pourmotabbed**, P Yaghmaei, P Imani, SE Nedaei, A Touhidi, Assessment of the effect of nitric oxide within hippocampal CA1 area on spatial learning and memory in morphine dependent rats, **Physiology & Pharmacology**, 11 (2007) 252-260
- 15- H Sahraei, J Shams, Z Faghih-Monzavi, H Zardooz, SH Pashaei-Rad, **A Pourmotabbed**, H Ghoshooni, M Kamalinejad, Effect of Papaver Rhoeas extract on the development and expression of tolerance to morphine-induced locomotor activity in mice, **Pharmaceutical Biol**, 45 (2007) 475-480
- 16- **A Pourmotabbed**, M Tahmasian, M Shahi, H Karami Darabkhani, Y Fathollahi, Facilitating effects of morphine dependency on spatial learning and memory in rat, **DARU**, 15 (2007) 156-161
- 17- A Vaisi Raygani, Z Rahimi, M Zahraei, M Noroozian, **A Pourmotabbed**, Association between enzymatic and non-enzymatic antioxidant defense with alzheimer disease, **Acta Medica Iranica**, 46 (2008) 11-16
- 18- J Shams, H Sahraei, Z Faghihmonzavi, SH Salimi, SM Fatemi, **A Pourmotabbed**, H Ghoshooni, M Kamalinejad, Effect of Papaver rhoeas extract on the tolerance development to analgesic, **Iranian J Pharmaceutical Res**, 7 (2008) 141-147

- 19- **A Pourmotabbed**, E Mehrabinasab, F Soraya, S Moradi, H Haghghizad, M Tahmasian, The effect of morphine dependency on spatial learning and memory in male rat, *J of Iran University of Medical Sciences*, 58 (2008) 81-89
- 20- H Haghghizad, **A Pourmotabbed**, MR Ghadami, S Ghadami, H Sahraei, Protective effect of saffron extract on morphine-induced inhibition of spatial learning and memory in rat, *Physiology & Pharmacology*, 12 (2008) 170-179
- 21- MR Ghadami, **A Pourmotabbed**, The effect of Crocin on scopolamine induced spatial learning and memory deficits in rats, *Physiology & Pharmacology*, 12 (2009) 287-295
- 22- SE Nedaei, **A Pourmotabbed**, E Mehrabinasab, A Touhidi, Ketamine induces anterograde and retrograde amnesia in rats, *Physiology & Pharmacology*, 12 (2009) 328-335
- 23- A Mostafaie, **A Pourmotabbed**, AR Khalafi, SE Nedaei, H Sahraei, R HajiHosseini, The effect of morphine dependence on expression of hippocampal N-methyl-D-aspartate receptor subunits in male rats, *Physiology & Pharmacology*, 12 (2009) 167-173
- 24- H Sahraei, L Etemadi, P Rostami, **A Pourmotabbed**, MR Zarrindast, J Shams, H Ghoshooni, A Noroozadeh, B Esfandiari, SH Salimi, GABAB receptors within ventral tegmental area are involved in the expression and acquisition of morphine-induced place preference in morphine-sensitized rats, *Pharmacol Biochem Behav*, 91 (2009) 409-416
- 25- A Khalafi, A Mostafaie, **A Pourmotabbed**, S E Nedaei, The study of the effect of oral morphine dependency on expression of NMDA subunit NR1 of hippocampus in male rats, *J Iran Chem Soc*, 6 Suppl (2009) 75
- 26- G Mahmoudi, M Piri, **A Pourmotabbed**, S Amini, Effect of muscarinic and NMDA receptors of ventral tegmental area on inhibitory avoidance memory consolidation, *Animal Biology*, 2(1) (2009) 1-10
- 27- G Mahmoudi, S Ahmadi, **A Pourmotabbed**, S Oryan, MR Zarrindast, Inhibitory avoidance memory deficit induced by scopolamine: Interaction of cholinergic and glutamatergic systems in the ventral tegmental area, *Neurobiol Lear Mem*, 94 (2010) 83-90
- 28- **A Pourmotabbed**, A Farshchi, G Ghiasi, P Malek Khatabi, Analgesic and anti-inflammatory activity of Teucrium chamaedrys leaves aqueous extract in male rats, *Iran J Basic Med Sci*, 13 (2010) 119-125
- 29- G Mahmoudi, M Piri, **A Pourmotabbed**, S Oryan, MR Zarindast, Effect of muscarinic and NMDA receptors of ventral tegmental area interaction on inhibitory avoidance memory consolidation, *Kowsar Medical J*, 15 (2010) 77-82

- 30- A Touhidi, **A Pourmotabbed**, SE Nedaei, S Moradian, M Cheraghi, Introducing a simple model of kindling in pregnant rat, **Behbood**, 3 (2010) 271
- 31- G Ghiasi, A Farshchi, **A Pourmotabbed**, GR Bahrami, SE Nedaei, Effect of intrahippocampal CA1 injection of insulin on spatial learning and memory deficits in rats, **Behbood**, 15 (2011) 1-12
- 32- A Farshchi, G Ghiasi, GR Bahrami, **A Pourmotabbed**, SE Nedaei, Effect of pioglitazone injection into hippocampal CA1 area on spatial learning and memory deficits in rats, **Behbood**, 47 (2011) 274-282
- 33- **A Pourmotabbed**, SE Nedaei, M Cheraghi, S Moradian, A Touhidi, M Aeinfar, Z Seyfi, T Pourmotabbed. Effect of prenatal pentylenetetrazol-induced kindling on learning and memory of male offspring, **Neuroscience**, 172 (2011) 205-211
- 34- L Azimi, **A Pourmotabbed**, SE Nedaei, MR Ghadami, The effect peripheral and intraventricular administration of sodium salicylate on spatial learning and memory of rats, **Iran J Basic Med Sci**, 15 (2012) 709-718
- 35- SE Nedaei, **A Pourmotabbed**, M Aeinfar, Z Seyfi, The therapeutic effect of *crocin* on scopolamine induced retrograde amnesia in male rats, **J Kermanshah University of Medical Sciences**, 16 (2) (2012) 92-98
- 36- L Azimi, **A Pourmotabbed**, SE Nedaei, MR Ghadami, The effect of sodium salicylate injection on spatial learning and memory of male rat, **J Kermanshah University of Medical Sciences**, 15 (5) (2011) 92-98
- 37- MR Ghadami, **A Pourmotabbed**, N Khademi, The protective effect of *curcumin* on scopolamine induced spatial learning and memory deficits in rat, **J Kermanshah University of Medical Sciences**, 16 (3) (2012) 201-210
- 38- M Ghousi, N Yosefvand, **A Pourmotabbed**, The effect of morphine dependence and its withdrawal on serum level of sex hormones and sex organ of male rat, **J Kermanshah University of Medical Sciences**, 17 (1) (2013) 8-15.
- 39- H Najafi, Z Mohammadi Yarijani, **A Pourmotabbed**, SH Madani, SA Seyedzadeh, Effect of *Crocin* on renal tissue damages and leukocyte infiltration induced by ischemia-reperfusion in rats, **J Kermanshah University of Medical Sciences**, 17 (8) (2013) 394-403
- 40- **A Pourmotabbed**, G Mahmoodi, S Mahmoodi, A Mohammadi-Farani, SE Nedaei, T Pourmotabbed, T Pourmotabbed, Effect of central muscarinic receptors on passive-avoidance learning deficits induced by prenatal pentylenetetrazole kindling in male offspring, **Neuroscience**, 279 (2014) 232–237

- 41- C Jalili, MR Salahshoor, **A Pourmotabbed**, S Moradi, SH Roshankhah, A Shabanzadeh Darehdori, M Motaghi, The effects of aqueous extract of *Boswellia Serrata* on hippocampal region CA1 and learning deficit in kindled rats, ***Research in Pharmaceutical Sciences***, 9 (5) (2014) 351-358
- 42- C Jalili, MR Salahshoor, S Moradi, **A Pourmotabbed**, M Motaghi, The therapeutic effect of aqueous extract of *Boswellia Serrata* on the learning deficit in kindled rats, ***International Journal of Preventive Medicine***, 5 (5) (2014) 563-566
- 43- N Yousefvand, M Ghowsi, **A Pourmotabbed**, The effect of morphine dependency on serum levels of trace elements (copper, zinc, and manganese) in male rats, ***Armaghane-Danesh, Yasuj University of Medical Sciences Journal (YUMSJ)***, 19 (3) (2014)
- 44- **A Pourmotabbed**, S E Nedaei, S Javidi Helan, C Jalili, M Khazaei, Effect of crocin on reducing the number of embryos and implantation site in mice, ***J Kermanshah University of Medical Sciences***, 19 (5) (2015) 247-253
- 45- S E Nedaei, A Rezayof, **A Pourmotabbed**, M Nasehi, MR Zarrindast, Activation of endocannabinoid system in the rat basolateral amygdala improved scopolamine-induced memory consolidation impairment, ***Behavioural Brain Research*** 311 (2016) 183–191
- 46- N Yousefvand, H Doosti, **A Pourmotabbed**, S E Nedaei, The therapeutic effect of crocin on ketamine-induced retrograde amnesia in rats, ***J Kermanshah University of Medical Sciences***, 20 (2) (2016) 68-73
- 47- H Haghghizad, A Touhidi, **A Pourmotabbed**, F Moradpour, SE Nedaei, T Pourmotabbed, Curcumin improves chronic stress induced potentiated seizure activity in experimental model of epilepsy, ***J Neurolog Sci (Turkish)***, 34(1) (2017) 76-85
- 48- Z Mohamadi Yarijani, **A Pourmotabbed**, T Pourmotabbed, H Najafi, Crocin has anti-inflammatory and protective effects in ischemic-reperfusion induced renal injuries, ***Iran J Basic Med Sci***, 20 (2017) 753-759
- 49- A Touhidi, H Haghghizad, **A Pourmotabbed**, Effect of curcumin on passive avoidance learning disorders induced by seizure activity under chronic restraint stress in rats, ***Neurolog Sci Neurophys***, 35 (2018) 77-83
- 50- F Zarei, F Moradpour, A.A Moazedi, **A Pourmotabbed**, M Veisi, Nandrolone administration abolishes hippocampal fEPSP-PS potentiation and passive avoidance learning of adolescent male rats, ***Canadian J Physiol Pharmacol***, 97 (2019) 130-139

51- F Moradpour, A.A Moazedi, **A Pourmotabbed**, F Zarei , Calcineurin is involved in retrieval of passive avoidance memory and synaptic plasticity impairment induced by Nandrolone administration in adolescent male rats, **Neurobiology of Learning and Memory**, 163 (2019) 107032

52- A Mohammadi-Farani, **A Pourmotabbed**, Y Ardeshirizadeh, Effects of HDAC inhibitors on spatial memory and memory extinction in SPS-induced PTSD rats, **Research in Pharmaceutical Sciences**, 15(3) (2020) 241–248

53- **A Pourmotabbed**, S Moradi, A Babaei, M.E Symonds, M Miraghajani, Food insecurity and mental health: A systematic review and meta-analysis, **Public Health Nutrition**, 23(10) (2020) 1778–1790

54- **A Pourmotabbed**, S Moradi, A Babaei, M.E Symonds, M Miraghajani, Erratum: Food insecurity and mental health: A systematic review and meta-analysis, **Public Health Nutrition**, 23(10) (2020) 1854

55- Z Salimi, L Khajehpour, F Moradpour, **A Pourmotabbed**, F Zarei, Nandrolone improve synaptic plasticity at the hippocampus CA1 area and spatial localization in the Morris water maze of male adolescent rats, **Neuroscience Research**, 158 (2020) 21–29

56- **A Pourmotabbed**, B Boozari, A Babaei, A Hadi, S Moradi, Sleep and frailty risk: a systematic review and meta-analysis, **Sleep and Breathing**, 24(3) (2020) 1187–1197

57- **A Pourmotabbed**, E Ghaedi, A Babaei, S Moradi, M Miraghajani, Sleep duration and sarcopenia risk: a systematic review and dose-response meta-analysis, **Sleep and Breathing**, 24(4) (2020) 1267–1278

58- Z Salimi, **A Pourmotabbed**, S.E Nedaei, F Moradpour, F Zarei, Anastrozole Eliminates the Improvement Effects of Nandrolone on Hippocampal Synaptic Plasticity in Adolescent Male Rats, **Biology Bulletin**, 48(6) (2021) 783–792

59- F Moradpour, Z Salimi, F Zarei, **A Pourmotabbed**, S.E Nedaei, M Veisi, Castration Eliminates the Impairment Effects of Nandrolone on Passive Avoidance Learning of Adolescent Male Rats, **Neurophysiology**, 53(2) (2022) 93–100

60- F Khani, **A Pourmotabbed**, N Hosseinmardi, Y Fathollahi, H Azizi, Impairment of spatial memory and dorsal hippocampal synaptic plasticity in adulthood due to adolescent morphine exposure, **Progress in Neuro-Psychopharmacology and Biological Psychiatry**, 116 (2022) 110532