

# Curriculum VITAE

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## Personal Status

**Name:** Alireza Asgari  
**Nationality:** Iranian  
**Title:** Professor  
**Religion:** Islam

## Academic Training

**M.S.** (1983-1986)  
Shiraz University of Medical  
Science, Dept. of Physiology  
Shiraz, IR of Iran

Institute of Physiology,  
Glasgow, Glasgow G12 8QQ  
Scotland, UK  
(Won ORS award for two consecutive  
years)

**M.S.** (1986-1987)  
Tarbiat Modarres University,  
School of Medical Science,  
Tehran, IR of Iran.

**Post-Doctoral** fellowship (1990-1992)  
Glasgow University,  
Faculty of Medicine,  
Institute of Physiology,  
Southern General Hospital  
Glasgow G51 4TF  
Scotland.

**Ph.D.** (1987-1990)  
Glasgow University  
Faculty of Medicine,

## Theses

- **M.S. thesis:** (1986). The effect of metabolic acidosis on cardiovascular system parameters. University of Shiraz Medical Sciences, College of Medicine, Department of Physiology.
- **Ph.D. thesis:** (1990). Cortical control of the fusimotor system of the tenuissimus muscle of the cat. University of Glasgow, Faculty of Medicine, Institute of Physiology (Ph.D.).

## Academic Ranking

Tutor in Physiology	1984-1989
Assistant Professor	1992-1996
Associate Professor	1996-2002
Professor	Since 2002

## Scientific Fields of Interest

Cellular Neurophysiology  
Neurophysiology  
Exercise Physiology

## Scientific Memberships

IPPS (Iranian Physiological and Pharmacological Society)  
IUPS (International Union of Physiological Sciences)

IBRO  
FAONS  
FAOPS  
Editorial board of Kowsar Medical Journal  
Editorial Board of Yakhteh (Iranian The Cell)  
Also an affiliated member of British Physiological Society

## **Referees**

1. Professor Jay Rosenberg
2. Professor Margaret Gladden
3. Dr. Bernie Conway

All at:

Physiology department  
Glasgow University  
Scotland, UK

4. Consultant Dr. Andrew I. Weir  
Department of Clinical Neurophysiology  
Southern General Hospital  
Scotland, UK

## **Teaching Experiences**

*Have taught "Physiology" to undergraduate students majoring in different disciplines of medical sciences up to the turn of the millennium. Since then, I have been exclusively involved teaching cell physiology and neurophysiology to PhD. students, as follows.*

### **1992-up to now:**

Instructor in Physiology  
School of Medical Sciences  
Tarbiat Modarres University  
Tehran-Iran  
Teaching M.Sc. and Ph.D. students  
Topics: Cell physiology, neurophysiology, brain higher functions, motor control, Physiology of Special Senses, Autonomic NS physiology

### **1987-1990:**

Tutoring Medical Junior and Senior Honors Students  
Topic: Different topics in medical Student "laboratory course" syllabus  
Institute of Physiology  
University of Glasgow  
Glasgow-UK. 1986-1987

### **1986-1987:**

Instructor in Physiology  
School of Medicine  
Imam Hossein University (a.s.)  
Tehran-Iran.  
(addressee: Undergraduate students)  
Topics: General physiology and anatomy

### **Since 1992:**

Lecturer of Physiology  
Department of Physiology and Biophysics,

(Addressee: Medical students)  
Medical Faculty,  
Baqiyatallah University of Medical Sciences

**Since 1996:**

Senior Lecturer of Physiology  
Department of Physiology and Biophysics,  
(Postgraduate students: M.S. and Ph.D. students)  
Medical Faculty,  
Baqiyatallah University of Medical Sciences

**Since 1998:**

Senior Lecturer  
Department of Physiotherapy  
(Addressee: Ph.D. students)  
Teaching: Motor Control, 3 credit hours  
School of Rehabilitation  
Iran University of Medical Sciences

**Executive Positions Hold:**

**Since 2004**

Head of Physiology and Biophysics department  
Medical Faculty,  
Baqiyatallah University of Medical Sciences

**Since 2007**

Head of Exercise Physiology Research Center  
Baqiyatallah University of Medical Sciences

**1992-Up to now:**

Senior Adviser in Physiology  
Physiology Committee  
School of Medical Sciences  
Tarbiat Modares University  
Tehran-Iran.

**1996-Up to now:**

Senior Adviser in Physiology and Board member  
Physiology Committee  
Iran's Ministry of Health and Medical Education  
Tehran-Iran

**1993-1997:**

Deputy President of DJanbazan Biomedical  
and Rehabilitation Engineering Research Center  
Tehran, IR of Iran

**1997-2001:**

Head of the Military Medicine Research Institute,  
Baqiyatallah (a.s.) University of Medical Sciences  
Tehran, Iran

**2002-2004:**

Dean of the Medical Faculty  
Baqiyatallah University of Medical Sciences

**1996-2002:**

Technical Manager  
Kowsar Journal of Medical Sciences  
ISSN: 1028-7868

**1999-2003:**

Editor in chief  
Iranian Journal of Military Medicine (A quarterly Journal in persian language)

# Publications

## Original Papers (in English)

- **Asgari A** (1998). Sensorimotor control over fusimotor neurones of the tenosus muscle in anaesthetized cat. *Medical Journal of Islamic Republic of Iran*
- **Asgari A**, and Weir AI (1996). Magnetoencephalography Reveals "Dominancy" in Second Somatosensory Area. *Medical Journal of Islamic Republic of Iran*; 11(1): 29-32.
- **Asgari A**, Weir AI, Quinn A and Shahani U (1995). Fetal heart assessment by magnetocardiography: a pilot study. *JUMS*, 3(1 & 2): 7-11.
- Foaedini, M., Khoshbaten, A., **Asgari, A.**, Ghoshooni, H., Norooz-zadeh, A., Firooz-Abadi, S.H. and Sahraee, H. (2001). Blockade of morphine self administration by L-Arginine in rat. *Journal of Psychopharmacology*;
- Hajizadeh S, Khoshbaten A, **Asgari A**, and Khaksari M (1996). Low voltage electrical stimulation and wound healing in rabbits: effect of altering frequency. *Med J Isl Rep Iran*; 10(3): 225-228.
- Hosseini SM, **Asgari A**, Mehrani HA, and Khoshbaten A (2005). Cerebellar giant synaptosomes: a model to study basal and stimulated release of [3H]GABA. *Iranian Journal of Medical Sciences (IJMS)*: 30(1): 16-20.
- Motavalian A, Jahani MR, **Asgari A** (2002). Musculoskeletal disabilities among police force personnel of Islamic Republic of Iran. *Military Medicine*; 167 (10): 850-852.
- Sahraei H, Pirzadeh-Jahromi G, Noorbakhshnia M, **Asgari A**, Haeri-Rohani A, Khoshbaten A, Poorheidari GR, Sepehri H, Ghoshooni H, Zarrindast MR (2004). Involvement of nucleus accumbens in L-arginine-induced conditioned place preference in rats. *Behavioral Pharmacology*; 15(7): 473-80.
- Sahraei H, Poorheidari G, Foadaddini M, Khoshbaten A, **Asgari A**, Norooz-zadeh A, Ghoshooni H, Firoozabadi SH, Zarrindast MR (2004). Effects of nitric oxide on morphine self-administration in rat. *Pharmacology Biochemistry Behavior*; 77(1): 111-116.
- Shahriary A, **Asgari A**, Hollisaz MT, et al. (2003). Long-term effect of a single dose of sulfur mustard on nerve conduction velocity and EMG pattern in rat hindlimb. *Military Medicine*; 168(10): 849-851.
- Yousefpour M, Bahrami F, Shamsavan-Behboodi B, Khoshbaten A, and **Asgari A** (2006). Paraoxon-induced ultrastructural growth changes of rat hippocampal cells in Neurobasal/N27. *Toxicology*; 217(2-3): 221-7.
- Hajizadeh S., Khoshbaten A., **Asgari A.** (2000) Mechanism of blood flow increase-induced by electrical stimulation. *Medical Journal of Islamic Republic of Iran*. 13(4) 279-282.
- Heydari A, Norooz-zadeh A, Khoshbaten A, **Asgari A** et al. (2006) Effects of short-term and subchronic lead poisoning on nitric oxide metabolites and vascular responsiveness in rat. *Toxicology Letters*; 30;166(1):88-94
- Ghasemi A, Sadidi A, **Asgari A**, Khoshbaten A (2006) Effect of paraoxon on GABA uptake by rat cerebral cortex synaptosomes. *IJMS*; 31 (3): 125-130.
- Bigdeli Mohammad Reza, Sohrab Hajizadeh, Mehdi Froozandeh, Bahram Rasulian, Aliheidarianpour, **Asgari A.**, Ali Khoshbaten, (2007). Preconditioning with prolonged

and intermittent normobaric hyperoxia involves upregulation of glutamate transporters. *J.Neuroscience*. (Submitted).

- Heydari, A., Noroozadeh, A. Ghasemi A. Najafi S., BadalzadehR., **Asgari, A.**, Khoshbaten, A., (2006). Effect of short term and subchronic lead poisoning on nitric oxide metabolites and vascular responsiveness in rat. *Toxicology Letter*. 30;166(1):88-94.
- Rasoulilian B, M. Jafari, A. Noroozadeh, H. Mehrani, H. Vahab Aqae, SMH. Hashemi Madani, **A. Asgari**, A. Khoshbaten. (2007) Effects of Ischemia-Reperfusion on Rat Renal Tissue Antioxidant Systems and Lipid Peroxidation. *J Acta Iranian Medica*. (in press).
- Rasoulilian B, H. Mohammadhosseniakbari, M. Mofid, G. Baqeri, **A. Asgari**, A. Ghasemi, MR Bigdeli, HA. Mohebbi, M. Kadkhodae, A. Khoshbaten, (2007). Preconditioning with intermittent hyperoxia attenuates ischemia-reperfusion injury of the rat kidney. *Eur. J. Vascular Surgery*. (In press).
- Vatanparast J, Janahmadi M, **Asgari A**, Sepehri H, and Haeri-Rohani A (2006). Paraoxon suppresses Ca<sup>2+</sup> spike and afterhyperpolarization in snail neurons: Relevance to the hyperexcitability induction. *Brain Research*; 108(3): 110-7.
- Vatanparast J, Janahmadi M, **Asgari A** (2006). The functional consequences of paraoxon exposure in central neurones of land snail, *Caucasotachea atrolabiata*, are partly mediated through modulation of Ca<sup>2+</sup> and Ca<sup>2+</sup>-activated K<sup>+</sup>-channels. *Comparative Biochemistry Physiology. Comp Biochem Physiol C Toxicol Pharmacol*. 2006 Aug;143(4):464-72.
- Vatanparast J, Janahmadi M, **Asgari A** (2007). Involvement of protein kinase C and IP<sub>3</sub>-mediated Ca<sup>2+</sup> release in activity modulation by paraoxon in snail neurons. *Eur J Pharmacol*; 2007 Oct 1;571(2-3):81-7.
- Vatanparast J, Janahmadi M, **Asgari A** (2007). Forskolin potentiates the paraoxon-induced hyperexcitability in snail neurons by blocking afterhyperpolarization. *Neurotoxicology*. Nov;28(6):1178-83.
- Naghdi S, Ebrahimi I, **Asgari A**, Olyaei GR, Kazemnejad A, Mansouri K, and Ansari NN (2007). A preliminary study into the criterion validity of the new modified Ashworth scale using the new measure of the alpha motoneuron excitability in spastic hemiplegia. *Electromyogr Clin Neurophysiol*; 47(3): 187-192.
- Ghasemi A, Sadidi A, Mohammadi M, Khoshbaten A, **Asgari A** (2007). Paraoxon inhibits GABA uptake in brain synaptosomes. *Toxicol In Vitro*. 2007 Dec;21(8): 1499-504. Epub 2007 Jun 30.
- Shahroukhi A, Ghasemi A, Poorabdolhossein F, **Asgari A**, Khoshbaten A (2007). The effect of paraoxon on GABA uptake in rat cerebellar synaptosomes. *Med Sci Monit*. 2007 Sep; 13(9): BR194-199.
- Mohammadi M, Ghani E, Ghasemi A, Khoshbaten A, **Asgari A** (2008). Synaptosomal GABA uptake decreases in paraoxon-treated rat brain. *Toxicology*, Feb ; 244(1): 42-8.
- Naghdi S, Ansari NN, Mansouri K, **Asgari A**, Olyaei GR, Kazemnejad A. (2008). Neurophysiological examination of the Modified Modified Ashworth Scale (MMAS) in patients with wrist flexor spasticity after stroke. *Electromyogr Clin Neurophysiol.*, Jan-Feb;48(1):35-41.
- Rasoulilian B, Mohammadhosseniakbari H, Kadkhodae M, Mofid M, Baqeri G, Bigdeli MR, Ghasemi A, Mohebbi HA, **Asgari A**, Khoshbaten A (2008); Pre-conditioning With Oxygen Attenuates Rat Renal Ischemia-Reperfusion Injury. *J Surg Res*. 2008 May 15;146(2):282-288. Epub 2007 Oct 22.

- Esmaili Dehaj M, Baharvand B, Rasoulia B, Foadaddini M, **Asgari A**, Noroozzadeh A, Poorkhalili K, Wahhab Aghai H, Khoshbaten A. (2008). Delayed Protective Effects of Hyperoxia Against Cardiac Arrhythmias and Infarction in Anesthetized Rats. *J Surg Res*.
- Bigdeli MR, Hajizadeh S, Froozandeh M, Heidarianpour A, Rasoulia B, **Asgari AR**, Pourkhalili K, Khoshbaten A. (2008). Normobaric hyperoxia induces ischemic tolerance and upregulation of glutamate transporters in the rat brain and serum TNF-alpha level. *Exp Neurol*; 212(2):298-306. Epub 2008 Apr 22.

## Original Papers (in Persian)

- Ahmadzadeh A., Khoshbaten, A., **Asgari A.**(1998). The role of cholinergic receptors and endothelium in acute joint inflammation of the rabbit. *Kowsar Medical Journal* 2(4) 275-282.(Persian)
- **Asgari A**, Mehrani H, Ghanei M, Ghassemi A, Rezaie R, and Miri R (2004). Blood and saline lactate levels change in the chemically injured and healthy individuals in response to incremental exercise. *Journal of Military Medicine*; 6(2): 111-115. (Persian)
- Ashrafi-Azar A, **Asgari A**, Vaez-moosavi SK, and Rokhsari-zadeh H (2003). The effect of NBC garments on five aerobic fitness parameters in male military trainees. *Journal of Military Medicine*; 5(4): 245-251. (Persian)
- Fallahzadeh A, Khoshbaten A, **Asgari A**, and Zarrindast MR (1998). The effect of adenosine system on acute inflammation in rabbit knee joint. *Kowsar JOURNAL of medical Science*. 2(4) 239-244.(Persian)
- Foaedini,M.,firoozabadi, S.H., Khoshbaten,A., **Asgari A.**, Sahraee,H., Ghooshoni, H. (1998). The effect of L-Arginine and L-NAME on the drug self administration in the rat. *Iranian Journal of Physiology and Pharmacology*. 2(1) 33-39.(Persian).
- Ghasemi A, **Asgari A**, Rastgar-Farajzadeh A, Roozbahani AR, (2005). Comparison between Iranian and German NBC clothing on some physiological parameters of human body. *Journal of Military Medicine*; 7(1): 1-8. (Persian)
- Ghoshooni H, Khoshbaten A, **Asgari A**, and Sahraee H (1997). Interaction of dopaminergic and opioidergic systems on mice blood glucose. *Kowsar Medical Journal*; 2(1): 31-37.(Persian)
- Hajhashemi S, Khoshbaten A, **Asgari A**, and Karbaschi R (1996). Inhibition of carageenan induced articular inflammation by atropine and substance P antagonist. *Kowsar Medical Journal*; 1(1): 1-9.(Persian).
- Hajizadeh S, Khoshbaten A, **Asgari A**, and Rezazadeh M (1997). Low voltage electrical stimulation and wound healing in diabetic rabbit. *Kowsar Medical Journal*; 2(1): 27-30.(Persian)
- Hajizadeh S, Khoshbaten A, Khaksari M, and **Asgari A** (1996). The effect of pulse width and frequency with low voltage stimulation on blood flow by use of laser Doppler flowmetry technique. *Kowsar Medical Journal*; 1(1): 31-37.(Persian)
- Hajizadeh, S., Khoshbaten,A., **Asgari A.**, Khaksari, M. (1998). The effect of substance P on blood flow increase induced by electrical stimulation. *Modarres JOURNAL. of Medical Sciences*.1 (1) 1-9.(Persian)
- Heydari, A., Noroozadeh, A. Karimi, GR., Dehpour, R., Tabaei, S., Zarindast, MR., Khoshbaten, A., **Asgari, A.**, (2004). Effect of Acute and Subacute lead Exposure on Responsiveness of Adrenergic system in rat. *J. of Military Medicine*. 5(4), 301-307.(Persian)
- Hosseini SM, **Asgari A**, Mehrani HA, Poorabdolhosseini, F; Shahrokhi, A; Khoshbaten A (2005). Superfusion technique for studying mechanisms of CNS complications in organophosphate poisoning. *Journal of Military Medicine*; 7(1): 15-20. (Persian)
- Hosseini, A.M., Asgari, A., Mehrani, H.A., Pourabdolhosseini, F., Shahrokhi A., **Khoshbaten, A.** (2005)Superfusion Technique for studying Mechanisms of CNS Complications in Organophosphate Toxicity. *J. of Military Medicine*. 7(1), 15-20.(Persian)
- Jalili S, Tehrani, M.E., Firooz-Abadi,S.H. Khoshbaten, A. **Asgari A**. Zarrindast, MR. And Sahraee,H. (2001). The effect of GABAergic agonists and antagonists on CPP induced by morphine in mice. *Iranian Journal of Physiology and Pharmacology*. 5(1), 55-65. (Persian)
- Karbaschi R, Khoshbaten A, **Asgari A** (1997). The effect of afferent C fibers and cholinergic nerve endings in acute joint inflammation by kaolin. *Kerman Journal of Medical Sciences*. 3(4) 1-7.(Persian)

- Khaksari M, Khoshbaten A, **Asgari A**, and Rahimi M (1997). Non-steroids anti-inflammatory drugs reduced the edema induced by burn. *Kerman Journal of Medical Sciences*; 2(3): 120-127.(Persian)
- Khaksari M. Khoshbaten A., **Asgari A.** and Hosseini A.(2000). The effect of fundermol on inflammation due to burn wound in rat. *Journal of Univ. of Sadooghi Medical Sciences*.8(1) 48-57.(Persian)
- Khaksari M. **Khoshbaten A.**, Asgari A. and Hosseini A.(2000). The effect of fundermol on inflammation due to burn wound in rat. *J of Univ. of Sadooghi Medical Sciences*.8(1) 48-57.(Persian)
- Khaksari M., Khoshbaten A., Sajjadi MA., Shariati M. and **Asgari A.**(2000). The local effect of fundermol ointment in healing process of burn wound in rat. *Kerman Journal of Medical Sciences* 12(4) 1-9.(Persian)
- Moghtaderi M, Khoshbaten A, Hajizadeh S, and **Asgari A** (1998). Comparing the effect of fundermol and clobetasol in prevention of kaolin-induced acute inflammation. *Kowsar Medical Journal*; 3(2)117-123.(Persian)
- Sahraee H., Ghoshoni H., Pirzad Jahromi. G., **Asgari A**, Poorheidari G, Khoshbaten A., (2003) A comparative syudy on the effect of L-arginine and morphine in induction of condition place preference in rat. *Iranian Journal Physiology and Pharmacology*; 7(1): 29-40.(Persian)
- Shariati,M.R.,Firooz-Abadi,S.H., Khoshbaten,A. **Asgari A.** Ghoshooni,H. and Sahraee,H. (1999). Role of Nitric Oxide in CPP induced by Morphine in mice. *Iranian Journal of Physiology and Pharmacology*. 2(2) 137-143.(Persian)
- Yousefpour M, Bahrami F, Nourian Z, Khoshbaten A, and **Asgari A** (2005). Effects of paraoxon on the growth of cultured rat hippocampal neurons in neurobasal/B27 medium. *Kowsar Medical Journal*; 10(1): 29-35 (Persian)
- Zahedi M, Khoshbaten A, and **Asgari A** (1998). Role of dopaminergic receptors on acute joint inflammation in the rabbit. *Iranian Journal Physiology and Pharmacology* 1(2)116-122.(Persian)
- Zarei M, **Asgari A**, Zarrindast MR, and Khoshbaten A (1998). Role of dopamine receptors on morphine-induced conditioned place preference in male mouse. *Kowsar Medical Journal*; 3(1)7-12.(Persian)
- Ghasemi A, Ghanei M, Asgari A, Mehrani HA (2005). Measurement of maximum oxygen uptake and maximum heart rate in chemically injured individuals and comparison with predicted values. *Kowsar Medical Journal*; 10(3): 201-207. (Persian)
- Riyahi S, Mofid M, Eimani H, Asgari A, et al. (2006). Histological study of topical application of sodium phenytoin 1% ointment on open skin healing in male rats. *Iran J Anat Sci*; 3(4): 269-279.(Persian)
- Vatanparast J, Janahmadi M, Sepehri H, Haeri-Rohani A and **Asgari A** (2006). Forskolin attenuates the paraoxon-induced hyperexcitability in snail neurons. *Physiology and Pharmacology*; 10 (1): 27-32(Persian)
- Heydari A, Norouzzadeh A, **Asgari A**, Ghasemi A, Najafi S, Khoshbaten A (2006). Effects of short-term and subchronic lead poisoning on NO metabolites and vascular responsiveness in rat. *Kowsar Medical Journal*; 11(1): 59-68.
- Riyahi S., Mofid M., Eimani H., **Asgari A.**, Ghoshooni H., Habibi M., Khoshbaten A. (2006) Histological study of topical application of sodium phenytoin 1% ointment on open skin healing in male rats. *Iranian J. of Anatomy*. 3(4) 271-281. (Persian).
- Heydari, A., Norouzzadeh, A., **Asgari, A.**, Ghasemi,A. Najafi, S., Khoshbaten, A., (2006). Effects of short term and subchronic lead poisoning on nitric oxide metabolites and vascular responsiveness in rat. *Kowsar J of Medical Sciences* 11 (1) 59-68. (Persian)
- Shahrokhi A, Qassemi A, Pourabdolhossein F, Khoshbaten A, and **Asgari A** (2006). The inhibitory effect of paraoxon on cerebellar synaptosome GABA uptake in rats. *Physiology Pharmacology Journal*; 10 (3): 229-238. (Persian)

## Abstracts (in English)

- **Asgari-Khozankalaei A**, and Dehghani GA (1987). Metabolic acidosis and its influence on the cardiovascular system. *Proceeding in the VIII Iranian Congress of Physiology and Pharmacology*. Esfahan, IR of Iran 62p.
- **Asgari-Khozankalaei A**, and Gladden MH (1990). Recruitment of intrafusal muscle fibres from the sensorimotor cortex in tenuissimus muscles of cats under barbiturate anaesthesia. *J Physiol*; 420-26p.
- **Asgari-Khozankalaei A**, and Gladden MH (1990). Simultaneous excitation and inhibition of tenuissimus static gamma motoneurons during cortical stimulation in the anaesthetised cat. *J Physiol*; 429-9p.
- **Asgari A**, et al. (1992). Evoked field asymmetry of human second somatosensory areas in dominant and non-dominant hemispheres. *Proceedings of Fourteenth International Conference of IEEE*. Lyon; France: 24-27.
- **Asgari A**, et al. (1993). Short Latency second somatosensory evoked fields in the dominant hemisphere in man. In *Extended Abstracts of the Vienna Biomagnetism Conference*, Vienna, Austria.
- **Asgari A** (1993). Fetal Magnetoencephalography. The Iranian Congress of Obstetrics and Gynecology, Tehran, IR of IRAN.
- **Asgari A** (1995). Electroencephalography and Magnetoencephalography. In *Extended Abstract of the First Iranian Conference on Epilepsy and EEG*.
- **Asgari A**, and Dehghani GA (1993). The effect of metabolic acidosis on cat cardiovascular parameters. *Proceeding in XXXII International Congress of Physiological Sciences*. Glasgow, U.K. 141/65p.
- **Asgari A**, Weir AI, and Shahani U (1995). Second somatosensory evoked fields in the dominant hemisphere. *Clin Exp Pharmacol Physiol*; *S19-12(0): P.A40*.
- **Asgari A**, Hoseini SM., Mehrani HA., Khoshbaten A. (2004). The effect of paraoxan on GABA release from rat cerebellar synaptosomes. *Toxicology and Applied Pharmacology*. Finland
- Ahmadzadeh A, Khoshbaten A, and **Asgari A** (1998). Effects of L-NAME and atropin on acute joint inflammation in the rabbit. *Australian Physiological and Pharmacological Society*. 29 (2), 185p
- Ghoshooni H, Khoshbaten A, Sahraee H, and **Asgari A** (1995). Interaction of dopamine antagonist on morphine induced hyperglycemia in mice. *Proceeding in the XII Iranian Congress of Neuroscience*, Japan.
- Ghoshooni, H., Khoshbaten, A., **Asgari A.**, Sahraee, H., Shariati, MR. (1998). Induction of condition place preference (CPP) by nitric oxide (NO) in the mice. *Archives of Pharmacology*. 358 (1) Supp.1. p34.20. R179.
- Hajizadeh S, Khoshbaten A and **Asgari A** (1997). Blood flow increase induced by electrical stimulation was augmented by substance P. *XXXIII International Congress of Physiological Sciences*, St. Petersburg Russia, P056.05.
- Hajizadeh S, Khoshbaten A, **Asgari A**, and Rezazadeh MV (1996). Comparing different effects of altering frequency of electrical stimulation on wound healing. *Proceedings of VII Iranian Congress of Physiotherapy*, 10-11.
- Hajizadeh S, Khoshbaten A, **Asgari A**, and Khaksari M (1995). Effect of electrical stimulation on blood flow by laser doppler flowmetry. *Proceeding in the 4th IBRO World Congress of Neuroscience*. Japan.
- Hajizadeh S, Khoshbaten A, Khaksari M, and **Asgari A** (1995). Effect of low voltage stimulation on wound healing in rabbit. *Clin Exp Pharmacol Physiol*; 22(3) A.
- Hajizadeh S, Khoshbaten A, Khaksari M, **Asgari A**, and Sharifi AM (1995). Comparison of wound healing in nondiabetic and diabetic rabbits by using low voltage electrical stimulation. *Euro J Physiol*, Suppl to Volume 430(4): 150.

- Hajizadeh, S., Khoshbaten, A., **Asgari A.** and Khaksari, M. (1998). Wound Healing was impaired by diabetes and was accelerated by electrical stimulation in rabbit. *Australian Physiological and Pharmacological Society*. 29 (2), 162p.
- Hajizadeh, S., Khoshbaten, A., **Asgari A.** and Khaksari, M. (1998). Role of the sympathetic nervous system in cutaneous blood flow increase induced by electrical stimulation. *Journal of Pharmacology and toxicology*. 83(1)108p.
- Julu POO, Weir AI, **Asgari A.**, et al. (1993). Human fetal vagal tone in utero. *Proceeding in XXXII International Congress of Physiological Sciences*. Glasgow, U.K. 173/16p.
- Khaksari M, Khoshbaten A, Hajizadeh S, and **Asgari A** (1997). The calmodulin antagonist trifluoperazine inhibits Kaolin induced paw edema in rats. *XXXIII International Congress of Physiological Sciences, St. Petersburg, June 30-July 6: P055-07*.
- Khoshbaten A and **Asgari A** (1997). The role of endothelium layer in acute joint inflammation in the rabbit. *Journal of Vascular Research*.
- Khoshbaten A, Hajihashemi S, and **Asgari A** (1995). Inhibition of carageenan induced inflammation in rabbit knee joint by atropine and substance P antagonist. *Clin Exp Pharmacol Physiol*; 22(3): S10-10(0): P.A24.
- Khoshbaten A, Tabaei S, Heydari A, Noroozadeh A, Zarrindast MR, and **Asgari A** (2004). Lead exposure and contraction of rat isolated thoracic aorta induced by D1 dopaminergic and alpha adrenergic drugs. 10th international congress of toxicology, 11-15 July, Finland, pp196-7.
- Khoshbaten A., Sahraee H., Foaoddini M., Firoozabadi S.H., **Asgari A.**, Ghoshooni H. (1998). The Effect of L-Arginine and L-NAME on the morphine self administration in rat. *Australian Physiological and Pharmacological Society*. 29 (2), 142p.
- Khoshbaten A., Tabaei S., Heydari A., Noroozadeh A., Zarrindast MR., **Asgari A.** (2004) Lead exposure and contraction of rat isolated thoracic aorta induced by D1 dopaminergic and  $\alpha$  adrenergic drug. *Toxicology and Applied Pharmacology*. 197 (3) 196p.
- Khoshbaten, A., **Asgari, A.**, Hajizadeh, S. Badavi, M. and Pejhan, A. (2002). The role of nitric oxide in inflammation, a comparison between acute and chronic models. *5th FAOPS*, KL, Malaysia. 99P
- Khoshbaten, A., Dehpour, R., Karimi, GR., Tabaei, S., Zarrindast, MR., Fahim, M., **Asgari, A.**, Noroozadeh, A., Heydari, A. (2003) The effect of acute and subacute lead acetate exposure on the responsiveness of adrenergic system in rat aorta. *EUROTOX 2003 Florence-Italy*, 336p.
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