

CURRICULUM VITAE (CV)

Ali Shamsizadeh

ADDRESS:

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Personal information:

Last Name	Shamsizadeh
First Name	Ali
Date of birth	30/6/1974
Citizenship	IRANIAN
Place of birth	RAFSANJAN (KERMAN PROVINCE)- IRAN
Sex	MALE
Martial status	MARRIED
Child	1(4 year old)

Education (Academic Training):

1996 - 2000	B.S. Nursing, School of Medicine, University of Medical Sciences, Rafsanjan, IRAN
2001 – 2004	M.S. Human Physiology, Department Of Physiology, College Of Medicine, Kerman Medical Sciences University, Kerman, IRAN
2004- present	PhD Student, Human Physiology, Department Of Physiology, College Of Medicine, Tarbiat Modares University, Tehran, IRAN

Work experience & Skills:

2004 - Present	Single unit recording, patch clamp recording, Immunohistochemistry on brain tissues, Cytochrome Oxidase Staining, Brain Cannulation
2004 - 2006	University lecturer, department of physiology, Rafsanjan university of medical science, Rafsanjan , IRAN

Research item:	<p>I'd like to study the mechanisms of sensory information (somatosensory) processing in cortex.</p> <p>Especially I'm interested to:</p> <ol style="list-style-type: none">1) Studying the role of different afferent inputs in somatosensory response processing.2) Effects of activity dependent plasticity on somatosensory response processing.3) Effects of brain modulatory systems on characteristics of response processing in somatosensory cortex.
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Professional Membership

Iranian society of Physiology and pharmacology

Publication:

1	2008	Afarinesh MR, Sheibani V, Arabzadeh S, Shamsizadeh A. Effect of chronic morphine exposure on response properties of rat barrel cortex neurons. <i>Addict Biol.</i> 2008 Mar;13(1):31-9. PMID: 18201293 [PubMed - indexed for MEDLINE]
2	2007	Shamsizadeh A. , Sheibani V, Arabzadeh S, Afarinesh MR, Farazifard R, Noorbakhsh SM, Fathollahi Y. Single whisker experience started on postnatal days 0, 5 or 8 changes temporal characteristics of response integration in layers IV and V of rat barrel cortex neurons, <i>Brain Res Bull.</i> 2007 Sep 14; 74(1-3):29-36. PMID: 17683786 [PubMed - indexed for MEDLINE]
3	2007	Khaksari M, Shamsizadeh A. , Azarang A, Mahmoodi M. W-7 (a calmodulin antagonist) inhibits carrageenan-induced paw edema in intact and adrenalectomized rats. <i>Pak J Pharm Sci.</i> 2007 Jul;20(3):195-9. PMID: 17545103 [PubMed - indexed for MEDLINE]
4	2007	Ali Shamsizadeh. Vahid Sheibani, Yaghoub Fathollahi, Mohammad Javan, Javad Mirnajafi-Zadeh, Mohammad Reza Afarinesh. Neuronal response properties of somatosensory cortex (layer IV) are modulated following experience dependent plasticity in c-fiber depleted rats. <i>Physiology and Pharmacology</i> , 11(2), 91 - 98 Summer 2007 [Article in Persian]
5	2008	Vahid Sheibani, Somaye Arabzadeh, Mohamadreza Afarineshkhaki, Ali Shamsizadeh. Hossein Aminizadeh, Saeed Azizolahi. Effect of Norepinephrine depletion on induction of experience dependent plasticity in male rat barrel cortex, <i>Physiology and Pharmacology</i> , 11(4), [Article in Persian]
6	2007	A. Shamsizadeh. M khaksari haddad, A. azarang, M mahmoodi, R. abbasi, Role of hypothalamus-pituitary-adrenal (HPA) axis on anti-inflammatory effects of trifluoperazine in male rats. <i>Journal of rafsanjan university of medical sciences</i> 2007 6(3) 179-86, [Article in Persian]
7	2007	M.R Afarinesh, V. sheibani, R. Farazifard, M Abbasnegad, A. Shamsizadeh. Effect of the dorsal raphe nucleus electrical stimulation on evoked response of the layers IV and V barrel cortical neurons in rat. <i>Journal of rafsanjan university of medical sciences</i> 2007 6(3) 155-62, [Article in Persian]
8	2008	Somaye Arabzadeh, Vahid Sheibani, Ali Amini, Mohammad Reza Afarinesh, Ali Shamsizadeh. Effects of norepinephrine depletion on experience-dependent plasticity in the barrel cortex of the rat. Accepted in the journal of addiction biology

Publication (cont.)		
9	2008	Gholamreza Sepehri, Vahid Sheibani, Afrooz Azarang, Ali Shamsizadeh , Mohammad Reza Afarinesh, Saeed Azizollahi, The intracerebroventricular (ICV) administration of W-7, a calmodulin inhibitor, attenuate the development of morphine tolerance in rats, <i>submitted in the journal of addiction biology</i>
10	2009	Vahid Sheibani, Ali Shamsizadeh , Mohammad Reza Afarinesh, c-fibers can modulate experience dependent plasticity in barrel cortex. submitted in JCN
11	2009	Allahtavakoli M, Moloudi R, Arababadi MK, Shamsizadeh A , Javanmardi K. Delayed post ischemic treatment with Rosiglitazone attenuates infarct volume, neurological deficits and neutrophilia after embolic stroke in rat. Brain Res. 2009 May 19;1271:121-7. Epub 2009 Mar 28. PMID: 19332033 [PubMed - indexed for MEDLINE]
12	2009	Nosratabadi R, Arababadi MK, Hassanshahi G, Yaghini N, Pooladvand V, Shamsizadeh A , Zarandi ER, Hakimi H. Evaluation of IFN-gamma serum level in nephropathic type 2 diabetic patients. Pak J Biol Sci. 2009 May 1;12(9):746-9. PMID: 19634484 [PubMed - indexed for MEDLINE]
13	2009	Arababadi MK, Nosratabadi R, Hassanshahi G, Yaghini N, Pooladvand V, Shamsizadeh A , Hakimi H, Derakhshan R. Nephropathic complication of type-2 diabetes is following pattern of autoimmune diseases? Diabetes Res Clin Pract. 2009 Oct 27. [Epub ahead of print] PMID: 19875190 [PubMed - as supplied by publisher]
14	2009	Rezvani ME, Roohbakhsh A, Allahtavakoli M, Shamsizadeh A . Anticonvulsant effect of aqueous extract of Valeriana officinalis in amygdala-kindled rats: Possible involvement of adenosine. J Ethnopharmacol. 2009 Nov 10. [Epub ahead of print] PMID: 19900527 [PubMed - as supplied by publisher]

SELECTED ABSTRACTS

Ali Shamsi zadeh, Mohammad Khaksari Hadad, Mehdi Mahmoodi. *Role of HPA axis on anti-inflammatory effects of W-7 (a calmodulin antagonist)*. **17th Iranian congress of physiology and pharmacology 1-4 October 2005**

Ali Shamsi zadeh, Vahid Sheibani, Somaye Arabzadeh, Mohammad Reza Afarinesh, *Neonatal whisker plucking reduces inhibitory interactions of paired whisker inputs in layer v of barrel cortex in rat.* **4th FAONS congress 2007 (Hong Kong)**

Ali Shamsizadeh, Vahid sheibani, Mohammad Ebrahim Rezvani, and Mohammad Allahtavakoli: C-fibres can modulate plasticity in barrel cortex, **3rd FAONS Symposium, December 4-6, 2008**

Namjoo Azar, Sistani Farideh, Noshadi Dinyar, Sepehri Gholamreza, Sheibani Vahid, Shamsizadeh Ali Assessment the severity of withdrawal Signs and mortality rate after injecting methods of morphine – induced dependency in male rats. **18th Iranian congress of physiology and pharmacology 2007**

Date: **October, 12, 2008**

Signature: *Shamsizadeh*