

CURRICULUM VITAE (CV)

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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	2

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. Afarinesh MR, Sheibani V, Arabzadeh S, Shamsizadeh A. PRECLINICAL STUDY: Effect of chronic morphine exposure on response properties of rat barrel cortex neurons. *Addiction biology*. 2008;13(1):31-9.
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3. alah tm, shamsizadeh a, mahmoudi m, mouloudi r, rezvani m. effect of α -tocotrienol andproxisome proliferative-activated receptor ligand on the brain ischemia in male rat. *journal of babol university of medical sciences (jbums)*. 2008.
4. 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 research*. 2009;1271:121-7.

5. Allahtavakoli M, Moloudi R, Rezvani ME, Shamsizadeh A. Effect of Morphine Withdrawal Syndrome on Cerebral Ischemia Outcome in Rats. Iranian Journal of Basic Medical Sciences. 2011;14(1):1-8.
6. allahtavakoli m, moloudi ruhollah rme, shamsizadeh a. effect of morphine withdrawal syndrome on cerebral ischemia outcome in rats. iranian journal of basic medical sciences. 2011.
7. Allahtavakoli m, shamsizadeh a, jarrott b. Effect of delayed stimulation of sigma-1 receptor on embolic model of cerebral ischemia in rat. Journal of babol university of medical sciences (jbums). 2011.
8. allahtavakoli m, shamsizadeh a, mahmoodi m, moloudi r, rezvani m. effect of α -tocotrienol and proxisome proliferative-activated receptor ligand on the brain ischemia in male rat.
9. Aminzadeh F, Ghorashi Z, Nabati S, Ghasemshirazi M, Arababadi MK, Shamsizadeh A, et al. Differential Expression of CXC Chemokines CXCL10 and CXCL12 in Term and Pre-term Neonates and Their Mothers. American Journal of Reproductive Immunology. 2012.
10. Arababadi MK, Nosratabadi R, Hassanshahi G, Yaghini N, Pooladvand V, Shamsizadeh A, et al. Nephropathic complication of type-2 diabetes is following pattern of autoimmune diseases? Diabetes research and clinical practice. 2010;87(1):33-7.

11. Arababadi MK, Pourfathollah AA, Daneshmandi S, Hassanshahi G, Zrandi ER, Shamsizadeh A, et al. Evaluation of relation between IL-4 and IFN- γ polymorphisms and type 2 diabetes. *Iranian Journal of Basic Medical Sciences*. 2009;12(2):100-4.
12. Arababadi MK, Pourfathollah AA, Jafarzadeh A, Hassanshahi G, Daneshmandi S, Shamsizadeh A, et al. Non-association of IL-12+ 1188 and IFN- γ + 874 polymorphisms with cytokines serum level in occult HBV infected patients. *Saudi Journal of Gastroenterology: Official Journal of the Saudi Gastroenterology Association*. 2011;17(1):30.
13. Arababadi MK, Pourfathollah AA, Jafarzadeh A, Hassanshahi G, Mohit M, Hajghani M, et al. Evaluation of expression rate of chemokines receptor CCR5 on peripheral blood CD8+ T cells of occult hepatitis B infected patients. *Journal of Mazandaran University of Medical Sciences*. 2009;18(68).
14. Arababadi MK, Pourfathollah AA, Jafarzadeh A, Hassanshahi G, Mohit M, Hajghani M, et al. Peripheral Blood CD8+ T Cells CCR5 Expression and Its Δ 32 Mutation in Iranian Patients with Occult Hepatitis B Infections. *Lab Medicine*. 2010;41(4):226-30.
15. Arababadi MK, Pourfathollah AA, Jafarzadeh A, Hassanshahi G, Shamizadeh A, Ahmadabadi BN, et al. The status of humoral immunity in

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18. Azin H, Vazirinejad R, Ahmadabadi BN, Khorramdelazad H, Zarandi ER, Arababadi MK, et al. *The SDF-1 3' A genetic variation of the chemokine SDF-1 α (CXCL12) in parallel with its increased circulating levels is associated with susceptibility to MS: a study on Iranian multiple sclerosis patients. Journal of Molecular Neuroscience*. 2012:1-6.

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20. Hassanshahi G, Shamsizadeh A, Arababadi M, Khoramdelazad H, Yaghini N, Rezazadeh Zarandi E. *Assessment of CXCL12 (SDF-1 α) polymorphisms and its serum level in posttransfusion occult HBV-infected*

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experience dependent plasticity in male rat barrel cortex. *Physiology and Pharmacology*. 2008;11(4):244-51.

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الله توکلی . اثر مصرف نیکوتین بر علائم فیزیکی و روانی سندرم ترک در موش صحرائی نر وابسته با تک

دوز یا دوزهای مکرر مورفین . پذیرفته شده در مجله دانشگاه علوم پزشکی سبزوار

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