

# CURRICULUM VITAE



**Name:** Mohammad Ali

**Title:** Male

**Surname:** Mirshekar

**Date of birth:** 1980

**Marital Status:** Married, 2 children

**Academic Degree:** M.Sc, Ph.D.

## **Current Mailing Address:**

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## **Academic Qualification:**

<b>Degree</b>	<b>Subject</b>	<b>University &amp; Country</b>	<b>Year</b>
B.Sc.	Biology	Zabol University, Iran	2003(1382)
M.Sc.	Physiology	Shahed University, Iran	2009 (1388)
Ph.D.:	Human Physiology (Neurophysiology & Behavior)	Jundishapur University of Medical Sciences, Ahvaz, Iran	2015 (1394)

**Professional experience:** Researcher in Human Physiology (behavior, electrophysiology, and brain trauma)

### **A- Lectures (from 2010 ):**

Lecture in congress of Diabetes, Esfahan, Iran

### **B- Research fields:**

A. Behavior

B. Brain electrophysiology (In vivo synaptic field potentials recording, Single-unit recording).

## **Member of Academic Societies:**

- 1- *Iranian Physiology and Pharmacology Society.*
- 2- *Intenational Brain Research Organization (IBRO)*

## **Paper presentations (international & national congresses):**

### **Congress:**

- 1- *The effect of chronic oral feeding of aerial part of Apium graveolens on the serum levels of glucose and lipids of diabetic rats, International congress of diabetes : yazd-2009*
- 2- *Mirshekar M, Roghani M, Niknam A. Vasorelaxant Effect of Aerial Part of Marrubium Vulgare in Aorta of Male Diabetic Rat,3th international congress of cardiovascular system.*
- 3- *Mirshekar M, Arabmoazzen S,Sarkaki A. Hypolipidemic effect of chronic pelargonidin in streptozotocin- diabetic rats*
- 4- اثر تغییرات وابسته به زمان در پاسخ گشادشدگی آنورت سینه ای به کوئرسستین در مدل تجربی دیابت قندی در موش صحرائی . کنگره سراسری اندوتلیوم اصفهان - اردیبهشت ۸۸
- 5- اثر وابسته به اندوتلیوم تجویز خوراکی و دراز مدت سیاهدانه بر پاسخ انقباضی آنورت سینه ای در موش صحرائی دیابتی . کنگره سراسری اندوتلیوم اصفهان - اردیبهشت ۸۸

### **Published Articles:**

- 1- **Mirshekar MA**, Roghani M, Khalili M, Baluchnejadmojarad T , Arab Moazzen S, Chronic Oral Pelargonidin Alleviates Streptozotocin-Induced Diabetic Neuropathic Hyperalgesia in Rat: Involvement of Oxidative Stress, *Iranian Biomedical Journal* 14 (1 & 2): 33-39 (January & April 2010)
- 2- **Mirshekar MA**, Roghani M, Khalili M, Baluchnejadmojarad T, Chronic Oral Pelargonidin Alleviates Learning and Memory Disturbances in Streptozotocin Diabetic Rats, *iranian pharmaceutical research journal*, (January & April 2010)
- 3-**Mirshekar MA**, Roghani M, Khalili M, Baluchnejadmojarad T, Hypolipidemic effect of chronic pelargonidin in streptozotocin-diabetic rats (in press)
- 4- **Mirshekar, Mohammad Ali**, et al. "Effect of Chronic Noise Stress on Serum Glucose and Lipids and Morphology of Langerhans Islets in Neonatal Rats."*Zahedan Journal of Research in Medical Sciences* (2015): 0-0.

- 5- Sarkaki, A., Farbood, Y., Gharib-Naseri, M. K., Badavi, M., Mansouri, M. T., Haghparast, A., & **Mirshekar, M. A.** (2015). Gallic acid improved behavior, brain electrophysiology, and inflammation in a rat model of traumatic brain injury. *Canadian journal of physiology and pharmacology*, 93(8), 687-694.
- 6- Saiedeh Arabmoazzen, Alireza Sarkaki, Ghasem saki, **Mohammad Ali Mirshekar**, "Antidiabetic effect of honey feeding in noise induced hyperglycemic rat: involvement of oxidative stress." *Iranian journal of basic medical sciences* 18.8 (2015): 745.
- 7- Mansouri, M. T., Farbood, Y., Naghizadeh, B., Shabani, S., **Mirshekar, M. A.**, & Sarkaki, A. (2016). Beneficial effects of ellagic acid against animal models of scopolamine- and diazepam-induced cognitive impairments. *Pharmaceutical biology*, 54(10), 1947-1953.
- 8- **Mirshekar, Mohammad Ali**, Hamed Fanaei, Fereshteh Keikhaei, and Fatemeh Sargolzaee Javan. "Diosmin improved cognitive deficit and amplified brain electrical activity in the rat model of traumatic brain injury." *Biomedicine & Pharmacotherapy* 93 (2017): 1220-1229.
- 9- Shabani, Sahreh, and **Mohammad Ali Mirshekar**. "Diosmin is neuroprotective in a rat model of scopolamine-induced cognitive impairment." *Biomedicine & Pharmacotherapy* 108 (2018): 1376-1383.
- 10- **Mirshekar, Mohammad Ali**, Alireza Sarkaki, Yaghoub Farbood, Mohammad Kazem Gharib Naseri, Mohammad Badavi, Mohammad Taghi Mansouri, and Abbas Haghparast. "Neuroprotective effects of gallic acid in a rat model of traumatic brain injury: behavioral, electrophysiological, and molecular studies." *Iranian journal of basic medical sciences* 21, no. 10 (2018): 1056.