

Curriculum Vita

Dr Mohammad Shabani
Associate Professor of Neurophysiology
Faculty Neuroscience Research Center » Department Researcher



Contacts information

Mobile
09133978116

Interests

Vollybal
Swimming

Languages

persian
Native language
English
Intermediate level
Arabic
Elementary level

Publications

Journal papers

1. Abbassian H, Whalley BJ, Sheibani V, Shabani M. Cannabinoid type 1 receptor antagonism ameliorates harmaline-induced essential tremor in rat.

Br J Pharmacol, 173, 22, 3196-3207., 2016

doi: 10.1111/bph.13581.

2. Esmaeilpour K, Sheibani V, Shabani M, Mirnajafi-Zadeh J. Effect of low frequency electrical stimulation on seizure-induced short- and long-term impairments in learning and memory in rats.

Physiol Behav., 5, 168, 112-121., 2016

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3. Zarei MR, Shabani M, Chamani G, Abareghi F, Razavinasab M, Nazeri M. Migraine patients have a higher prevalence of PTSD symptoms in comparison to chronic tension-type headache and healthy subjects: a case-control study.

Acta Odontol Scand, Sep, 20, 20:1-3., 2016

4. Badeli H, Shahrokhi N, KhoshNazar M, Asadi-Shekaari M, Shabani M, Eftekhari Vaghefi H, Khaksari M, Basiri M. Aqueous Date Fruit Efficiency as Preventing Traumatic Brain Deterioration and Improving Pathological Parameters after Traumatic Brain Injury in Male Rats.

Ceol J, 18, 3, 416-24., 2016

5. Tahamtan M, Moosavi SM, Sheibani V, Nayeypour M, Esmaeili-Mahani S, Shabani M. Erythropoietin attenuates motor impairments induced by bilateral renal ischemia/reperfusion in rats. .

Fundam Clin Pharmacol, Jul, 30, 2016

doi: 10.1111/fcp.12226

6. Abbassian H, Esmaeili P, Tahamtan M, Aghaei I, Vaziri Z, Sheibani V, Whalley BJ, Shabani M. Cannabinoid receptor agonism suppresses tremor, cognition disturbances and anxiety-like behaviors in a rat model of essential tremor.

Physiol Behav, Oct 1, 164(PtA), 314-20., 2016

doi: 10.1016/j.physbeh.2016.06.013.

7. Nazeri M, Shabani M, Parsania S, Golchin L, Razavinasab M, Abareghi F, Kermani M. Simultaneous impairment of passive avoidance learning and nociception in rats following chronic swim stress.

Adv Biomed Res., 30, 5, 93, 2016

doi: 10.4103/2277-9175.183141.

8. Lashkarizadeh MR, Garshasbi M, Shabani M, Dabiri S, Hadavi H, Manafi-Anari H. Impact of Opium Addiction on Levels of Pro- and Anti-inflammatory Cytokines after Surgery.

Addict Health, 8, 1, 9-15., 2016

9. Rahati M, Nozari M, Eslami H, Shabani M, Basiri M. Effects of enriched environment on alterations in the prefrontal cortex GFAP- and S100B-immunopositive astrocytes and behavioral deficits in MK-801-treated rats.

Neuroscience, 21, 326, 2016, 2016

doi: 10.1016/j.neuroscience.2016.03.065.

10. Nezhadi A, Sheibani V, Esmaeilpour K, Shabani M, Esmaeili-Mahani S. Neurosteroid allopregnanolone attenuates cognitive dysfunctions in 6-OHDA-induced rat model of Parkinson's disease.

Behav Brain Res., 15, 305, 258-64., 2016

doi: 10.1016/j.bbr.2016.03.019.

11. Ghazvini H, Khaksari M, Esmaeilpour K, Shabani M, Asadi-Shekaari M, Khodamoradi M, Sheibani V. Effects of treatment with estrogen and progesterone on the methamphetamine-induced cognitive impairment in ovariectomized rats.

Neurosci Lett., Apr, 21, 619:60-7., 2016

doi: 10.1016/j.neulet.2016.02.057.

12. Mohammadi-Khanaposhtani M, Shabani M, Faizi M, Aghaei I, Jahani R, Sharafi Z, Shamsaei Zafarghandi N, Mahdavi M, Akbarzadeh T, Emami S, Shafiee A, Foroumadi A. Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents. .

Eur J Med Chem, 13, 112, 91-8., 2016

doi: 10.1016/j.ejmech.2016.01.054.

13. Pourrahimi AM, Mazhari S, Shabani M, Tabrizi YM, Sheibani V. Numerical distance effect in patients with schizophrenia.

Neurosci Lett., 23, 617, 1-5., 2016

doi: 10.1016/j.neulet.2016.01.065.

14. Aghaei I, Hajali V, Dehpour A, Haghani M, Sheibani V, Shabani M. Alterations in the intrinsic electrophysiological properties of Purkinje neurons in a rat model of hepatic encephalopathy: Relative preventing effect of PPAR γ agonist.

Brain Res Bull., Mar, 121, 16-25., 2016

doi: 10.1016/j.brainresbull.2015.12.002.

15. Aghaei I, Rostampour M, Shabani M, Naderi N, Motamedi F, Babaei P, Khakpour-Taleghani B. Palmitoylethanolamide attenuates PTZ-induced seizures through CB1 and CB2 receptors

Epilepsy Res, 14, 117, 23-28., 2015

16. Arjmand S, Vaziri Z, Behzadi M, Abbassian H, Stephens GJ, Shabani M. Cannabinoids and Tremor Induced by Motor-related Disorders: Friend or Foe?

Neurotherapeutics, 12, 4, 2015

17. Hajali V, Sheibani V, Ghazvini H, Ghadiri T, Valizadeh T, Saadati H, Shabani M. Effect of castration on the susceptibility of male rats to the sleep deprivation-induced impairment of behavioral and synaptic plasticity.

Neurobiol Learn Mem, 12, 123, 140-148, 2015

18. Golchin L, Shabani M, Harandi S, Razavinasab M Pistachio supplementation. Attenuates motor and cognition impairments induced by cisplatin or vincristine in rats

Adv Biomed Res, 11, 4, 2015

19. Bayat M, Sharifi MD, Haghani M, Shabani M. Enriched environment improves synaptic plasticity and cognitive deficiency in chronic cerebral hypoperfused rats.

Brain Res Bull, 2015

doi: 10.1016/j.brainresbull.2015.10.001. [Epub ahead of print]

20. Nozari M, Shabani M, Farhangi AM, Mazhari S, Atapour N. Sex-specific restoration of MK-801-induced sensorimotor gating deficit by environmental enrichment.

Neuroscience, 23, 299, 28-34, 2015

21. Haghani M, Shabani M, Tondar M. The therapeutic potential of berberine against the altered intrinsic properties of the CA1 neurons induced by A β neurotoxicity.

Eur J Pharmacol, 5, 758, 82-8., 2015

22. Hajali V, Sheibani V, Mahani SE, Hajjalizadeh Z, Shabani M, Aliabadi HP, Saadati H, Esmaeilpour K. Ovariectomy does not exacerbate the negative effects of sleep deprivation on synaptic plasticity in rats.

Physiol Behav, 15, 144, 73-81, 2015

23. Nozari M, Mansouri FA, Shabani M, Nozari H, Atapour N. Postnatal MK-801 treatment of female rats impairs acquisition of working memory, but not reference memory in an eight-arm radial maze; no beneficial effects of enriched environment.

Psychopharmacology (Berl), 232, 14, 2541-50., 2015

24. Nazeri M, Shabani M, Ghotbi Ravandi S, Aghaei I, Nozari M, Mazhari S. Psychological or physical prenatal stress differentially affects cognition behaviors.

Physiol Behav, 1, 142, 155-60., 2015

25. Zangiabadi N, Mohtashami H, Hojatipour M, Jafari M, Asadi-Shekaari M, Shabani M. The effect of Angipars on diabetic neuropathy in STZ-induced diabetic male rats: a study on behavioral, electrophysiological, sciatic histological and ultrastructural indices. .

The Scientific World Journal, 721547, 2015

26. Esmaeili Tazangi P, Moosavi SM, Shabani M, Haghani M. Erythropoietin improves synaptic plasticity and memory deficits by decrease of the neurotransmitter release probability in the rat model of Alzheimer's disease.

Pharmacol Biochem Behav, 130, 15-21., 2015

27. Aghaei I, Nazeri M, Shabani M, Mossavinasab M, Mirhosseini FK, Nayebpour M, Dalili A. Erythropoietin ameliorates the motor and cognitive function impairments in a rat model of hepatic cirrhosis.

Metab Brain Dis, 30, 1, 194-204, 2015

28. Mahmoudvand H, Ziaali N, Aghaei I, Sheibani V, Shojaee S, Keshavarz H, Shabani M. The possible association between *Toxoplasma gondii* infection and risk of anxiety and cognitive disorders in BALB/c mice.
Pathog Glob Health., 109, 8, 369-76., 2015
doi: 10.1080/20477724.2015.1117742.
29. Aghaei I, Bakhshayesh B, Ramezani H, Moosazadeh M, Shabani M. The relationship between the serum levels of ferritin and the radiological brain injury indices in patients with spontaneous intracerebral hemorrhage.
Iran J Basic Med Sci, 17, 10, 729-34., 2014
30. Ahmadinegad M, Lashkarizadeh MR, Ghahreman M, Shabani M, Mokhtare M, Ahmadipour M. Efficacy of Dressing with Absorbent Foam versus Dressing with Gauze in Prevention of Tracheostomy Site Infection.
Tanaffos, 13, 2, 13-19, 2014
31. Larizadeh MH, Damghani MA, Shabani M. Epidemiological characteristics of head and neck cancers in southeast of iran.
Iran J Cancer Prev, 7, 2, 80-6., 2014
32. Parsania S, Shabani M, Moazzami K, Razavinasab M, Larizadeh MH, Nazeri M, Asadi-Shekaari M, Kermani M. Gender difference in motor impairments induced by chronic administration of vinblastine
Iran J Basic Med Sci., 17, 6, 433-440, 2014
33. Asadi-Shekaari M, Karimi A, Shabani M, Sheibani V, Esmaeilpour K. Maternal feeding with walnuts (*Juglans regia*) improves learning and memory in their adult pups. .
Avicenna J Phytomed, 3, 4, 341-6., 2013
34. Vaziri Z, Abbassian H, Sheibani V, Haghani M, Nazeri M, Aghaei I, Shabani M. The therapeutic potential of Berberine chloride hydrate against harmaline-induced motor impairments in a rat model of tremor
Neurosci Lett, 84-90., 0

Skills

Intra cellular recording
Animal Behavioral studies