



Isfahan University of medical sciences

Curriculum Vitae (CV)

First Name: Parham

Last Name: Reisi



Isfahan University of medical sciences, HezarJerib.st.	
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Faculty	Medicine
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POSITION TITLE	Full Professor of Physiology Subprincipal of International management and Coordinator of Education for Foreign Students (2019 – Present) Post-graduate Manager in Medical School (2014 – 2019)

RESEARCH IDs

Item	Value	Web address
Scopus	24073466800	https://www.scopus.com/authid/detail.uri?authorId=24073466800
ORCID	0000-0002-7552-4680	http://orcid.org/0000-0002-7552-4680
Publons	K-2018-2016	https://publons.com/researcher/2243114/parham-reisi/

EDUCATION AND TRAINING

INSTITUTION AND LOCATION	DEGREE (if applicable)	Start Date MM/YYYY	Completion Date MM/YYYY	FIELD OF STUDY
Tabriz University of Medical Sciences	Ph.D.	2005	2008	Medical physiology
Isfahan University of Medical Sciences	M.Sc.	2001	2004	Medical physiology

RESEARCH INTEREST

Investigating into understanding of the basic mechanisms in the development of neurodegenerative diseases associated with cognitive impairment. Understanding the mediatory roles of inflammatory factors caused by chronic environmental diseases in the development of cerebral inflammation and consequently brain dysfunction and cognitive disorders. Identifying the pharmacological and nonpharmacological factors that modulate these disorders.



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HONORS AND AWARDS

Top Ranked in M.Sc. and Ph.D. degrees

POSITIONS AND EMPLOYMENT

Full Professor of Physiology, Isfahan University of Medical Sciences, Isfahan, Iran

PUBLICATIONS AND CONTRIBUTIONS

Please see (more than 80 Scientific Articles, presented below the text):

[Scopus](https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=24073466800&zone=) (<https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=24073466800&zone=>)

[Google Scholar](https://scholar.google.com/citations?user=KoCsThAAAAAJ&hl=en) (<https://scholar.google.com/citations?user=KoCsThAAAAAJ&hl=en>)

Book, book chapters, Encyclopedia chapters

- Introduction to laboratory techniques for working with rats. 1st edition, Isfahan University of Medical Sciences, Isfahan, 2010 [Book in Persian].
- Alaei, H., Siahmard, Z., **Reisi, P.**, 2015. Red grape juice and Alzheimer's disease. In Diet and Nutrition in Dementia and Cognitive Decline. Vol., ed.^eds. Academic Press, pp. 935-942. (Book Chapter).

Invited reviews:

- Acta Neuropsychiatrica
- Addiction Biology
- Advanced Biomedical Research
- African Journal of Biotechnology
- Basic and Clinical Neuroscience
- Brain research
- British journal of nutrition
- CLINICS



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- Experimental Neurobiology
- European journal of pharmacology
- International Journal of Preventive Medicine
- Journal of Medical Signal & sensors
- Journal of Integrative Neuroscience
- Journal of Research in Medical Sciences
- Journal of Biomedical Research
- Journal of Ethnopharmacology
- Neurochemical Research
- Nutritional Neuroscience
- Physiological Reports
- Physiology and Pharmacology
- Progress in Neuropsychopharmacology & Biological Psychiatry
- PLOS ONE
- Research in pharmaceutical Sciences
- ...

Oral presentations:

- 19th Iranian Congress of Physiology and Pharmacology, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 20th Iranian Congress of Physiology and Pharmacology, Hamedan University of Medical Sciences
- First International Congress of Physiology and Pharmacology and the 22nd Iranian Congress of Physiology and Pharmacology, Kashan
- 13th Iranian Pharmaceutical Sciences Congress
- The First Annual Meeting of Georgian Center for Neuroscience Research (GCNR-2020)



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Poster presentations:

- 24th Iranian Congress of Physiology and Pharmacology, Hamedan University of Medical Sciences
- 3th Neuroscience congress 2014, Tehran, Iran
- 4th Neuroscience congress 2015, Tehran, Iran
- 5th Neuroscience congress 2016, Tehran, Iran
- 6th Neuroscience congress 2017, Tehran, Iran
- 8th Neuroscience congress 2019, Tehran, Iran
- Second International Congress and 23rd Iranian Congress of Physiology and Pharmacology, Chabahar
- The 7th Congress of the Federations of Asian and Oceanian Physiological Societies FAOPS, Taiwan
- 12th Iranian Nutrition Congress, Isfahan University of Medical Sciences
- 8th Federation of European Neuroscience Societies, Barcelona, Spain

PROFFESIONAL SERVICES

- Field potential recording in laboratory animals
- Single unit recording in laboratory animals
- Visual evoked potential (VEP) in laboratory animals
- Electromyography (EMG) in laboratory animals
- Nerve conduction velocity (NCV) in laboratory animals
- Electroencephalography (EEG) in laboratory animals
- Brain microdialysis.
- Behavioral studies in rodents (Morris water maze (MWM), Passive avoidance learning (PAL), Elevated plus maze (EPM), Conditioned place preference (CPP), object location test (OLT) and novel object recognition (NOR) and Treadmill running).
- Work with animal models of drug abuse, stress, diabetes and Alzheimer's
- I had contribution in setting up of electrophysiology Labs

Workshops:

- Electrophysiological Recordings



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TEACHING EXPERIENCE

YEAR	COURSE TITLE	MAJOR
2005	Practical Cytology	Paramedical students
2005-2012	Practical Physiology	Medical and Paramedical students
2005-Now	General physiology	Medical and Paramedical students
2010-Now	Cell physiology	Medical, MSc and PhD students
2010-Now	Neurophysiology	Medical, MSc and PhD students

WORKSHOP AND TRAINING

- International Brain Research Organization (IBRO), 6th IBRO-Associate School and 1st Neuroscience Orientation Summer Program (The activities included lecture sessions, group discussions, poster presentation and laboratory orientation in Electrophysiology/Molecular Biology)
- Electrophysiological Recordings

Articles:

1. Akbari, Z., **Reisi, P.**, Torkaman-Boutorabi, A., Farahmandfar, M., 2019. The effect of pentoxifylline on passive avoidance learning and expression of tumor necrosis factor-alpha and caspase-3 in the rat hippocampus following lipopolysaccharide-induced inflammation. *Advanced biomedical research*. 8: 39..
2. Akbari, Z., **Reisi, P.**, Torkaman-Boutorabi, A., Farahmandfar, M., 2020. Effect of pentoxifylline on apoptotic-related gene expression profile, learning and memory impairment induced by systemic lipopolysaccharide administration in the rat hippocampus. *International Journal of Preventive Medicine*. 11: 151.
3. Anaeigoudari, A., Shafei, M.N., Soukhtanloo, M., Sadeghnia, H.R., **Reisi, P.**, Beheshti, F., Mohebbati, R., Mousavi, S.M., Hosseini, M., 2015. Lipopolysaccharide-induced memory impairment in rats is preventable using 7-nitroindazole. *Arquivos de Neuro-psiquiatria*. 73, 784-790.



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4. Anaeigoudari, A., Shafei, M.N., Soukhtanloo, M., Sadeghnia, H.R., **Reisi, P.**, Nosratabadi, R., Behradnia, S., Hosseini, M., 2015. The effects of L-arginine on spatial memory and synaptic plasticity impairments induced by lipopolysaccharide. *Advanced biomedical research*. 4: 202.
5. Anaeigoudari, A., Soukhtanloo, M., **Reisi, P.**, Beheshti, F., Hosseini, M., 2016a. Inducible nitric oxide inhibitor aminoguanidine, ameliorates deleterious effects of lipopolysaccharide on memory and long term potentiation in rat. *Life sciences*. 158, 22-30.
6. Anaeigoudari, A., Soukhtanloo, M., Shafei, M.N., Sadeghnia, H.R., **Reisi, P.**, Beheshti, F., Behradnia, S., Mousavi, S.M., Hosseini, M., 2016b. Neuronal nitric oxide synthase has a role in the detrimental effects of lipopolysaccharide on spatial memory and synaptic plasticity in rats. *Pharmacological reports*. 68, 243-249.
7. Arabpoor, Z., Hamidi, G., Rashidi, B., Shabrang, M., Alaei, H., Sharifi, M.R., Salami, M., Dolatabadi, H.R.D., **Reisi, P. (Corresponding author)**, 2012. Erythropoietin improves neuronal proliferation in dentate gyrus of hippocampal formation in an animal model of Alzheimer's disease. *Advanced biomedical research*. 1: 50.
8. Azadbakht, A.A., Radahmadi, M., Javanmard, S.H., **Reisi, P. (Corresponding author)**, 2015. The effects of doxepin on stress-induced learning, memory impairments, and TNF- α level in the rat hippocampus. *Research in pharmaceutical sciences*. 10, 460.
9. Azadbakht, A.A., Eidelkhani, N., Kazemi, M., Radahmadi, M., **Reisi, P. (Corresponding author)**, 2016. Doxepin improves stress-impaired long-term potentiation and gene expression of BDNF in the rat hippocampus. *Physiology & Pharmacology*. 20(4), 231-238.
10. Azizi, F., Fartootzadeh, R., Alaei, H., **Reisi, P. (Corresponding author)**, 2018. Effects of concurrent blockade of OX2 and CB1 receptors in the ventral tegmental area on nicotine-induced place preference in rats. *Neuroscience letters*. 684, 121-126.
11. Azizi, F., Fartootzadeh, R., Alaei, H., **Reisi, P. (Corresponding author)**, 2019. Electrophysiological study of the response of ventral tegmental area non-dopaminergic neurons to nicotine after concurrent blockade of orexin receptor-2 and cannabinoid receptors-1. *Brain research*. 1719, 176-182.



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12. Babri, S., **Reisi, P. (Corresponding author)**, Alaei, H., Sharifi, M.R., Mohades, G., 2008. Effect of forced treadmill exercise on long-term potentiation (LTP) in the dentate gyrus of hippocampus in male rats. *Physiology and Pharmacology*. 12, 39-45.
13. Baghcheghi, Y., Mansouri, S., Beheshti, F., Shafei, M.N., Salmani, H., **Reisi, P.**, Anaeigoudari, A., Bideskan, A.E., Hosseini, M., 2019. Neuroprotective and long term potentiation improving effects of vitamin E in juvenile hypothyroid rats. *International Journal for Vitamin and Nutrition Research*. 90(1-2), 156-168.
14. Dashti, G., Rashidi, B., **Reisi, P.**, Rah-Afrouz, L., 2015. The effect of iron and cholesterol on neuronal apoptosis in dentate gyrus of hippocampus in rabbits fed with high-cholesterol diet. *Journal of Isfahan Medical School*. 33(349).
15. Dastgerdi, H.H., Radahmadi, M., **Reisi, P.**, Dastgerdi, A.H., 2018. Effect of Crocin, Exercise, and Crocin-accompanied Exercise on Learning and Memory in Rats under Chronic Unpredictable Stress. *Advanced biomedical research*. 7: 137.
16. Dastgerdi, H.H., Radahmadi, M., **Reisi, P.**, 2020. Comparative study of the protective effects of crocin and exercise on long-term potentiation of CA1 in rats under chronic unpredictable stress. *Life Sciences*. 256, 118018.
17. Davari, S., **Reisi, P. (Corresponding author)**, 2013. Role of Insulin in Cognitive Functions of the Central Nervous System. *Journal of Isfahan Medical School*. 31(227).
18. Dehghani, F., **Reisi, P. (Corresponding author)**, 2015. Acute application of cholecystokinin and its effect on long-term potentiation induction at CA1 area of hippocampal formation in rat. *Physiology and Pharmacology* 19(4), 241-246.
19. Dolatabadi, H.R.D., **Reisi, P. (Corresponding author)**, Malekabadi, H.R.A., Alaei, H., Pilehvarian, A.A., 2010. Effects of Folic Acid on Passive Avoidance Learning and Memory in Rat Alzheimer Model by Intracerebroventricular Injection of Streptozotocin. *Journal of Isfahan Medical School*. 28(112).
20. Dolatabadi, H.R.D., **Reisi, P. (Corresponding author)**, Alaei, H., Malekabadi, H.A., Pilehvarian, A.A., 2012. Folic acid and coenzyme Q10 ameliorate cognitive dysfunction in the rats with intracerebroventricular injection of streptozotocin. *Iranian journal of basic medical sciences*. 15, 719.



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21. Dolatabadi, H.R.D., Zarrindast, M.R., **Reisi, P.**, Nasehi, M., 2017. The effects of pentoxifylline on serum levels of interleukin 10 and interferon gamma and memory function in lipopolysaccharide-induced inflammation in rats. *Advanced biomedical research*. 6: 110.
22. Dolatabadi, L.K., **Reisi, P. (Corresponding author)**, 2014. Acute effect of cholecystokinin on short-term synaptic plasticity in the rat hippocampus. *Research in pharmaceutical sciences*. 9, 331.
23. Eidelkhani, N., Radahmadi, M., Kazemi, M., Rafiee, L., Alaei, H., **Reisi, P. (Corresponding author)**, 2015. Effects of doxepin on brain-derived neurotrophic factor, tumor necrosis factor alpha, mitogen-activated protein kinase 14, and AKT1 genes expression in rat hippocampus. *Advanced biomedical research*. 4: 203.
24. Eidelkhani, N., Radahmadi, M., Rafiee, L., Gharzi, M., Alaei, H., **Reisi, P. (Corresponding author)**, 2015. Effects of doxepin on spatial memory, TNF- α and Bcl-2 family genes expression in rat hippocampus. *Physiology & Pharmacology*. 19(3), 185-192.
25. Emami, M., Hosseini, A., Saeedi, A., Golbidi, D., **Reisi, P.**, Alaei, H., 2010. Effect of red grape juice on learning and passive avoidance memory in rats. *J Isfahan Med Sch*. 28, 1-7.
26. Fartootzadeh, R., Alaei, H., **Reisi, P. (Corresponding author)**, 2021. Mutual assistance of nucleus accumbens cannabinoid receptor-1 and orexin receptor-2 in response to nicotine: a single-unit study. *Research in Pharmaceutical Sciences* 16 (2), 173.
27. Fartootzadeh, R., Azizi, F., Alaei, H., **Reisi, P. (Corresponding author)**, 2019. Orexin type-2 receptor blockade prevents the nicotine-induced excitation of nucleus accumbens core neurons in rats: An electrophysiological perspective. *Pharmacological Reports*. 71, 361-366.
28. Fartootzadeh, R., Azizi, F., Alaei, H., **Reisi, P. (Corresponding author)**, 2019. Functional crosstalk of nucleus accumbens CB1 and OX2 receptors in response to nicotine-induced place preference. *Neuroscience letters*. 698, 160-164.
29. Gharzi, M., Dolatabadi, H.R., **Reisi, P. (Corresponding author)**, Javanmard, S.H., 2013. Effects of different doses of doxepin on passive avoidance learning in rats. *Advanced biomedical research*. 2: 66.
30. Haghghi, S.K., Vaez Mahdavi, M.R., **Reisi, P.**, Alaei, H., 2009. The Effects of Mid-Term Running Activity on Passive Avoidance Learning and Memory in Opioid Addicted Rats. *Journal of Isfahan Medical School*. 27(99).



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31. Hamidi, G., Arabpour, Z., Shabrang, M., Rashidi, B., Alaei, H., Sharifi, M.R., Salami, M., **Reisi, P. (Corresponding author)**, 2013. Erythropoietin improves spatial learning and memory in streptozotocin model of dementia. *Pathophysiology*. 20, 153-158.
32. Hashemzahi, M., Yavari, N., Rahmani, F., Asgharzadeh, F., Soleimani, A., Shakour, N., Avan, A., Hadizadeh, F., Fakhraie, M., Marjaneh, R.M., Ferns, G.A., **Reisi, P.**, Ryzhikov, M., Khazaei, M., Hassanian, S.M., 2021. Inhibition of transforming growth factor-beta by tranilast reduces tumor growth and ameliorates fibrosis in colorectal cancer. *EXCLI Journal*. 20, 601-613.
33. Hosseini, N., Alaei, H., **Reisi, P.**, Radahmadi, M., 2013a. The effect of treadmill running on passive avoidance learning in animal model of Alzheimer disease. *International journal of preventive medicine*. 4, 187.
34. Hosseini, N., Alaei, H., **Reisi, P.**, Radahmadi, M., 2013b. The effect of treadmill running on memory before and after the NBM-lesion in rats. *Journal of bodywork and movement therapies*. 17, 423-429.
35. Hosseini, N., Alaei, H., **Reisi, P.**, Radahmadi, M., 2017. The effects of NBM-lesion on synaptic plasticity in rats. *Brain research*. 1655, 122-127.
36. Hoveida, R., Alaei, H., Oryan, S., Parivar, K., **Reisi, P.**, 2011. Treadmill running improves spatial memory in an animal model of Alzheimer's disease. *Behavioural brain research*. 216, 270-274.
37. Jafary, L., **Reisi, P. (Corresponding author)**, Naghsh, N., 2015. Effects of fluoxetine on memory under forced treadmill exercise conditions in male rats. *Advanced biomedical research*. 4: 235.
38. Jahromi, M., Razavi, S., Seyedebrahimi, R., **Reisi, P.**, Kazemi, M., 2020. Regeneration of Rat Sciatic Nerve Using PLGA Conduit Containing Rat ADSCs with Controlled Release of BDNF and Gold Nanoparticles. *Journal of Molecular Neuroscience*. 1-15.
39. Kalantarzadeh, E., Radahmadi, M., **Reisi, P.**, 2020. Effects of different dark chocolate diets on memory functions and brain corticosterone levels in rats under chronic stress. *Physiology & Pharmacology*. 24(3), 185-196.
40. Matinfar, M., Esfahani, M.M., Aslany, N., Davoodi, S.H., Parsaei, P., Zarei, G., **Reisi, P. (Corresponding author)**, 2013. Effect of repeated morphine withdrawal on spatial learning, memory and serum cortisol level in mice. *Advanced biomedical research*. 2: 80.



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41. Mehdipour, S., Alaei, H., **Reisi, P.**, Marghmaleki, V.S., 2016. Electrical stimulation of prelymbic with different currents intensities on morphine induced spatial memory deficit in rats. *Advanced biomedical research*. 5: 166.
42. Moghaddasi, M., Javanmard, S.H., **Reisi, P.**, Tajadini, M., Taati, M., 2014. The effect of regular exercise on antioxidant enzyme activities and lipid peroxidation levels in both hippocampi after occluding one carotid in rat. *The Journal of Physiological Sciences*. 64, 325-332.
43. Payghani, C., Khani, F., Zadeh, A.R., **Reisi, P. (Corresponding author)**, Alaei, H., Rashidi, B., 2017. The effect of levothyroxine on serum levels of interleukin 10 and interferon-gamma in rat model of multiple sclerosis. *Advanced biomedical research*. 6: 118.
44. Payghani, C., Khani, F., Rafieezadeh, A., **Reisi, P. (Corresponding author)**, Alaei, H., Rashidi, B., 2018. Effects of levothyroxine on visual evoked potential impairment following local injections of lysolecithin into the rat optic chiasm. *International journal of preventive medicine*. 9: 18.
45. Rahimi, S., Alaei, H., **Reisi, P.**, Zolphaghari, B., Pourshanazari, A., 2015. Surveying the effect of hydroalcoholic tarooneh (spathe of phoenix dactylifera) extract on anesthesia and EEG barin waves. *Journal of Chemical and Pharmaceutical Research*. 7, 1046-1051.
46. Rahimi, S., Alaei, H., **Reisi, P.**, Zolfaghari, B., Siahmard, Z., Pourshanazari, A., 2017. The effect of hydro-alcoholic of Phoenix Dactylifera extract on sleep and EEG in rat. *Avicenna journal of phytomedicine*. 7, 511.
47. Rahimi, S., Alaei, H., **Reisi, P.**, Zarrin, B., Siahmard, Z., Pourshanazari, A.A., 2019. Hydroalcoholic tarooneh extract (Spathe of Phoenix Dactylifera) increased sedative-hypnotic effects and modulated electroencephalography brain waves in anesthetized rats. *Advanced biomedical research*. 8: 24.
48. Ramshini, E., Alaei, H., **Reisi, P.**, Alaei, S., Shahidani, S., 2013. The role of GABAB receptors in morphine self-administration. *International journal of preventive medicine*. 4, 158.
49. Ramshini, E., Alaei, H., **Reisi, P.**, Naghdi, N., Afrozi, H., Alaei, S., Alehashem, M., Eftekharvaghefi, S., 2019. Effect of intracerebroventricular injection of GABA receptors antagonists on morphine-induced changes in GABA and GLU transmission within the mPFC: an in vivo microdialysis study. *Iranian journal of basic medical sciences*. 22, 246.



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50. Ranjbar, H., Radahmadi, M., Alaei, H., **Reisi, P.**, 2015. Effect of different durations of stress on spatial and cognitive memory in male rats. *Journal of Isfahan Medical School*. 32, 1933-1943.
51. Ranjbar, H., Radahmadi, M., Alaei, H., **Reisi, P.**, Karimi, S., 2016. The effect of basolateral amygdala nucleus lesion on memory under acute, mid and chronic stress in male rats. *Turkish journal of medical sciences*. 46, 1915-1925.
52. Ranjbar, H., Radahmadi, M., **Reisi, P.**, Alaei, H., 2017. Effects of electrical lesion of basolateral amygdala nucleus on rat anxiety-like behaviour under acute, sub-chronic, and chronic stresses. *Clinical and Experimental Pharmacology and Physiology*. 44, 470-479.
53. Rashidi, B., Mohammadi, M., Mirzaei, F., Badalzadeh, R., **Reisi, P.**, 2011. Amlodipine treatment decreases plasma and carotid artery tissue levels of endothelin-1 in atherosclerotic rabbits. *Pathophysiology*. 18, 137-142.
54. Rashidi, B., Payghani, C., Khani, F., Rafieezadeh, A., Alaei, H., **Reisi, P. (Corresponding author)**, 2017. The effect of levothyroxine on lysolecithin-induced local demyelination in optic chiasm of male rats. *Journal of Isfahan Medical School*. 35, 789-795.
55. **Reisi, P. (Corresponding author)**, Babri, S., Alaei, H., Sharifi, M.R., Mohaddes, G., Lashgari, R., 2008. Effects of treadmill running on short-term pre-synaptic plasticity at dentate gyrus of streptozotocin-induced diabetic rats. *Brain research*. 1211, 30-36.
56. **Reisi, P. (Corresponding author)**, Alaei, H., Babri, S., Sharifi, M.R., Mohaddes, G., 2009. Effects of treadmill running on spatial learning and memory in streptozotocin-induced diabetic rats. *Neuroscience letters*. 455, 79-83.
57. **Reisi, P. (Corresponding author)**, Alaei, H., Babri, S., Sharifi, M.R., Mohaddes, G., Soleimannejad, E., 2009. Determination of the extracellular basal levels of glutamate and GABA at dentate gyrus of streptozotocin-induced diabetic rats. *Pathophysiology*. 16, 63-66.
58. **Reisi, P. (Corresponding author)**, Alaei, H., Babri, S., Sharifi, M.R., Mohaddes, G., Soleimannejad, E., Rashidi, B., 2010. Effects of treadmill running on extracellular basal levels of glutamate and GABA at dentate gyrus of streptozotocin-induced diabetic rats. *Journal of Research in Medical Sciences (JRMS)*. 15 (3), 172-174.



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59. **Reisi, P. (Corresponding author)**, Babri, S., Alaei, H., Sharifi, M.R., Mohaddes, G., Noorbakhsh, S.M., Lashgari, R., 2010. Treadmill running improves long-term potentiation (LTP) defects in streptozotocin-induced diabetes at dentate gyrus in rats. *Pathophysiology*. 17, 33-38.
60. **Reisi, P.**, Arabpoor, Z., Shabrang, M., Rashidi, B., Alaei, H., Sharifi, M.R., Salami, M., Hamidi, G., 2011. The Effects of Erythropoietin on Learning and Memory in Rats with Alzheimer's Disease. *Journal of Isfahan Medical School*. 29.
61. **Reisi, P.**, Dashti, G.R., Shabrang, M., Rashidi, B., 2014. The effect of vitamin E on neuronal apoptosis in hippocampal dentate gyrus in rabbits fed with high-cholesterol diets. *Advanced biomedical research*. 3: 42.
62. **Reisi, P.**, Ghaedamini, A.R., Golbidi, M., Shabrang, M., Arabpoor, Z., Rashidi, B., 2015. Effect of cholecystokinin on learning and memory, neuronal proliferation and apoptosis in the rat hippocampus. *Advanced biomedical research*. 4: 227.
63. **Reisi, P. (Corresponding author)**, Eidelkhani, N., Rafiee, L., Kazemi, M., Radahmadi, M., Alaei, H., 2017a. Effects of doxepin on gene expressions of Bcl-2 family, TNF- α , MAP kinase 14, and Akt1 in the hippocampus of rats exposed to stress. *Research in pharmaceutical sciences*. 12, 15.
64. **Reisi, P. (Corresponding author)**, Sepahvand, F., Zarei, G., Kamali Dolatabadi, L., Haghjooye Javanmard, S., Alaei, H., 2017b. Effects of amitriptyline and fluoxetine on synaptic plasticity and TNF- α level at hippocampus of streptozotocin-induced diabetic rats. *Physiology and Pharmacology*. 21, 137-146.
65. Rizi, A.A., **Reisi, P. (Corresponding author)**, Naghsh, N., 2016. Effect of forced treadmill exercise and blocking of opioid receptors with naloxone on memory in male rats. *Advanced biomedical research*. 5: 20.
66. Sadeghi, M., Radahmadi, M., **Reisi, P. (Corresponding author)**, 2015. Effects of repeated treatment with cholecystokinin sulfated octapeptide on passive avoidance memory under chronic restraint stress in male rats. *Advanced biomedical research*. 4: 150.
67. Sadeghi, M., **Reisi, P. (Corresponding author)**, Radahmadi, M., 2017. The effects of CCK-8S on spatial memory and long-term potentiation at CA1 during induction of stress in rats. *Iranian journal of basic medical sciences*. 20, 1368.



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68. Shabrang, M., Rashidi, B., Alaei, H., Sharifi, M.R., **Reisi, P. (Corresponding author)**, 2018. The effect of erythropoietin on neuronal apoptosis in hippocampal dentate gyrus in streptozotocin-induced Alzheimer's disease in rats. *Journal of Isfahan Medical School*. 35, 1593-1598.
69. Shahidani, S., **Reisi, P.**, Naghdi, N., Alaei, H., Ramshini, E., 2012. Lesion of medial prefrontal cortex reduces morphine-induced extracellular dopamine level in the ventral tegmental area: a microdialysis study in rats. *Pharmacology Biochemistry and Behavior*. 102, 77-81.
70. Sharifi, F., **Reisi, P.**, MALEK, M., The Effects of Estrogen on Passive Avoidance Memory Impairment Induced by Acute Kidney Injury in Ovariectomized Rats. *Journal of Isfahan Medical School*. 37, 86-92.
71. Sharifi, F., **Reisi, P.**, Malek, M., 2019a. Angiotensin 1 receptor antagonist attenuates acute kidney injury-induced cognitive impairment and synaptic plasticity via modulating hippocampal oxidative stress. *Life sciences*. 234, 116775.
72. Sharifi, F., **Reisi, P.**, Malek, M., 2019b. Synaptic plasticity in hippocampal CA1 neurons and learning behavior in acute kidney injury, and estradiol replacement in ovariectomized rats. *BMC neuroscience*. 20, 1-10.
73. Sharifi, M., Alaei, H., **Reisi, P.**, 2005. The effect of insulin on electrical activity in the rat. *Journal of Isfahan Medical School*. 23, 56-62.
74. Siahmard, Z., Alaei, H., **Reisi, P.**, Pilehvarian, A.A., 2012. The effect of red grape juice on Alzheimer's disease in rats. *Advanced biomedical research*. 1.
75. Yosefi, M., **Reisi, P. (Corresponding author)**, Alaei, H., Pilehvarian, A.A., 2011. Effect of Exercise on Learning and Memory in Rats after Intracerebroventricular Injection of Streptozotocin. *Journal of Isfahan Medical School*. 29.
76. Yosefi, M., **Reisi, P. (Corresponding author)**, Alaei, H., Pilehvarian, A.A., Rashidi, B., 2011. Treadmill running improves spatial learning and memory in the rats with intracerebroventricular injection of streptozotocin. 16(10):1386-7.
77. Zamani, Z., **Reisi, P. (Corresponding author)**, Alaei, H., Pilehvarian, A.A., Zamani, Z., 2011. Effect of Royal Jelly (RJ) on Learning and Memory in Rats after Intracerebroventricular Injection of Streptozotocin (icv-STZ). *Journal of Isfahan Medical School*. 28.



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