

Curriculum Vitae

Marjan Nassiri-Asl

Professor of Pharmacology

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Personal Details

Place of birth: Tehran, Iran

Nationality: Iranian

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Education and qualification

1993-1999 Azad University of Medical Sciences, Tehran, Iran, Pharm.D

2003-2004 Training and working on electrophysiological study on hippocampus of rodent in Toronto Western Hospital, Toronto, Canada

1999-2005 Department of Pharmacology, Faculty of Medicine, Mashhad University of Medical Sciences, Iran, Ph.D

Professional experiences

2005-2010 Assistant Professor in Pharmacology

2010-2014 Associate Professor in Pharmacology

2014 up to now Professor of Pharmacology

Positions

2005 Up to now	Academic staff, School of Medicine, Department of Pharmacology, Qazvin, Iran
2013 Up to 2018	Head of Department of Pharmacology, Qazvin, Iran
2008 Up to 2018	Membership of Cellular and Molecular Research Center, Qazvin, Iran
2016 Up to now	Editor-in-Chief The journal of Qazvin University of Medical Sciences
2019 Up to now	Academic staff, School of Medicine, Department of Pharmacology

Award

Best researcher award, in 2006 and 2007, 2014, 2016 in Province of Qazvin, Iran
QUMS Best teacher award, 2008, 2011, 2016 in Qazvin, Iran
18th Festival of scholars and technologists award 2017, Tehran, Iran

Research experiences

2005 up to now	Supervision of 30 M.D, Msc and Ph.D thesis
2005 up to now	Cosupervision of 20 M.D, Msc and Ph.D thesis
2005 up to now	My research interests: 1) Study on cognition performance 2) Study on neurodegenerative disease (Seizure, Alzheimer,...)

Publications:

Book

1) Nassiri Asl M. How to Use Drugs and Drugs Stability. Qums Publisher, Iran, 2006.

- 2) Ziaee A, Zamansoltani F, Abbasi M, **Nassri Asl M.** How to research and write paper. 2008.
- 3) Hosseinzadeh H, Parvardeh S, Sadeghnia HR, **Nassiri Asl M.** Saffron.2009 (Translation to Persian)
- 4) **Nassiri Asl M,** Zamansoltani F. Neuroscience of Psychoactive Substance Use and Dependence (Publish by WHO, 2004) (Translation to Persian)
- 5) **Nassiri-Asl H,** Hosseinzadeh H. Glycerihza. In: Genetic Resources, Chromosome Engineering, and Crop Improvement, edited by Sing RJ. Medicinal Crops, Vol 6. CRC Press, New York. 2011.
- 6) **Nassiri Asl M,** Sadeghnia HR, Hosseinzadeh H. Herbal Products: Toxicology and Clinical Pharmacology. 2nd Ed (Edited by Tracy TS, Kingstone RL, 2007) (Translation to Persian)
- 7) **Nassiri Asl M,** Hosseinzadeh H. Neuropharmacology effects of saffron (*Crocus sativus*) and its active constituents. In: Bioactive Nutraceuticals and Dietary Supplements in Neurological and Brain Disease: Prevention and Therapy Edited by Ronald Ross Watson and Victor Preedy, Elsevier, 2015.
- 8) Hosseinzadeh H, **Nassiri Asl M.** Neuroprotective Effects of Flavonoids in Epilepsy. In: Neuroprotective Natural Products: Clinical Aspects and Mode of Action. Edited By Goutam Brahmachari, WILEY, 2017

Papers

- 1) **Nassiri-Asl M,** Hosseinzadeh H, Parvardeh S, Niapoor M. Antinociceptive and anti-inflammatory effects of *Perovskia abrotanoides* extract in mice and rats. J Medicinal Plants 2002; 1(3):25-34.
- 2) Parvardeh S, Hosseinzadeh H, Niapoor M, **Nassiri-Asl M.** Antinociceptive and anti-inflammatory effects of *Pistacia vera* extract in mice and rats. J Medicinal Plants 2002; 1(4):59-68.

- 3) Hosseinzadeh H, Nassiri-Asl M. Anticonvulsant, sedative and muscle relaxant effects of carbenoxolone in mice. BMC Pharmacol 2003; 3: 3.
- 4) Sadeghnia HR, Nassiri-Asl M, Haddadkhodaparast MH, Hosseinzadeh H. The effect of *Salvia leriifolia Benth.* root extracts on lipid peroxidation level during global ischemia-reperfusion in rats. J Medicinal Plants 2003; 2(7):19-25.
- 5) Hosseinzadeh H, Nassiri-Asl M, Parvardeh S, Mansouri SMT. The effects of carbenoxolone on spatial learning in Morris water maze task in rats. Medical Science Monitoring 2005; 11: BR 88-94.
- 6) Hosseinzadeh H, Nassiri-Asl M, Parvardeh S. The effects of carbenoxolone, a semisynthetic derivative of glycyrrhizinic acid, on peripheral and central ischemia-reperfusion injuries in the skeletal muscle and hippocampus of rats. Phytomedicine 2005; 12: 632-637
- 7) Wu CP, Cheung G, Rakshani N, Parvardeh S, Nassiri Asl-M, Haung HL, Zhang L. CA3 neuronal activities of dorsal and ventral hippocampus are differentially altered in rats after prolonged post-ischemic survival. Neuroscience 2005; 130: 527-539.
- 8) Hosseinzadeh H, Parvardeh S, Nassiri-Asl M, Mansouri SMT. Intracerebroventricular administration of thymoquinone, the major constituent of *Nigella sativa* seeds, suppresses epileptic seizures in rats. Medical Science Monitoring 2005: 11:BR 106-110.
- 9) Wu CP, Nassiri-Asl M, Gillis J, Skinner F, Zhang L. An in vitro model of hippocampal sharp waves: Regional initiation and intracellular correlates. J Neurophysiology 2005; 94(1):741-753.
- 10) Wong T, Zhang XL, Nassiri-Asl M, Wu CP, Carlen P, Zhang L. Postnatal development of intrinsic gabaergic rhythms in mouse hippocampus. Neuroscience 2005; 134: 107-120.

- 11) Wu CP, Huang HL, **Nassiri-Asl M**, He JW, Gillis J, Skinner1 FK, Zhang L. Spontaneous rhythmic field potentials of isolated mouse hippocampal-subicular-entorhinal cortices *in vitro*. J Physiology 2006; 576(2): 457-476.
- 12) **Nassiri-Asl M**, Hosseinzadeh H, Mortazavi SR. Effects of berberis vulgaris fruit extracts and its active component, berberine on morphine dependence, hypnosis and locomotor activity in mice. Pharmacologyonline 2007; 1: 190-202.
- 13) Hosseinzadeh H, Parvardeh S, **Nassiri-Asl M**, Sadeghnia HR, Ziaee T. Effect of thymoquinone and Nigella sativa seeds oil on lipid peroxidation level during global cerebral ischemia-reperfusion injury in rat hippocampus. Phytomedicine 2007; 14: 621-627.
- 14) **Nassiri-Asl M**. The effects of carbenoxolone on the contractile responses of the isolated guinea-pig and rat smooth muscles. J Medical Sciences 2007; 7(7): 1103-1107.
- 15) Hosseinzadeh H, Hosseini A, **Nassiri-Asl M**, Sadeghnia HR. Effect of Salvia leriifolia Benth. root extracts on ischemia-reperfusion in rat skeletal muscle. BMC Complementary Alternative Medicine 2007, 7 (1):23.
- 16) **Nassiri-Asl M**, Shariati-Rad S, Zamansoltani F. Anticonvulsant effects of aerial parts of *Passiflora incarnata* extract in mice: involvement of benzodiazepine and opioid receptors. BMC Complementary and Alternative Medicine 2007; 7(1):26.
- 17) **Nassiri-Asl M**, Saroukhani S, Zamansoltani F. Anticonvulsant effects of *Glycyrrhiza glabra* in PTZ-induced seizure in mice. International Journal of Pharmacology 2007; 3(5): 432-434.
- 18) Mortazavi SR, **Nassiri-Asl M**, Farahani-Nick Z, Savad S, Farzam SK. Protective effects of *Fumaria vaillanti* extract on carbontetrachloride induced hepatotoxicity in rats. Pharmacologyonline 2007; 3: 385-393.

- 19) **Nassiri-Asl M.** Home drug store in Minodar region of Qazvin (2006). J of Qazvin University of Medical Sciences 2007; 11(2): 22-26.
- 20) **Nassiri-Asl M.**, Hosseinzadeh H. Review of antiviral effects of *Glycyrrhiza glabra*. J of Medicinal herbal 2007; 6(22):1-12.
- 21) **Nassiri-Asl M.**, Shariati-Rad S, Zamansoltani F. Anticonvulsive effects of intracerebroventricular administration of rutin in rats. Progress in Neuro-Psychopharmacology & Biological Psychiatry 2008; 32:989-993.
- 22) **Nassiri-Asl M.**, Hosseinzadeh H. Review of pharmacological effects of *Glycyrrhiza* sp. and its bioactive compounds. Phytotherapy Research 2008; 22, 709–724.
- 23) Zamansoltani F, **Nassiri-Asl M.**, Karimi R, Mamaghani-Rad P. Hepatotoxicity effects of aqueous extract of *Echium amoenum* in rats. Pharmacologyonline 2008; 1: 432-438.
- 24) **Nassiri-Asl M.**, Zamansoltani F, Zangivand AA. The inhibitory effect of trimethylamine on the anticonvulsant activities of quinine in the pentylenetetrazole model in rats. Progress in Neuro-Psychopharmacology & Biological Psychiatry 2008; 32:1496-1500.
- 25) **Nassiri-Asl M.**, Asefzadeh S. The role of antioxidants in control of hypercoleterolemic and cardiovascular diseases. Journal of Qazvin University of Medical Sciences 2008; 12: 79-88.
- 26) **Nassiri-Asl M.**, Zamansoltani F, Shariati-Rad S. The possible role of GABA_A-benzodiazepine receptor for anticonvulsant effects of Pasipay in rats. Chinese J of Alternative Medicine 2008, 6 (11):1170-3.
- 27) **Nassiri-Asl M.**, Hosseinzadeh H. Review of the pharmacological effects of *Vitis vinifera* (Grape) and its bioactive compounds. Phytotherapy Research 2009; 23(9):1197-204.

- 28) **Nassiri-Asl M**, Zamansoltani F, Torabinejad B. Antiepileptic effects of quinine in the pentylenetetrazole model of seizure. *Seizure* 2009; 11:129-133.
- 29) Ziaee A, Zamansoltani F, **Nassiri-Asl M**, Abassi E. Effects of rutin on lipid profile in hypercholesterolaemic rats. *Basic and Clinical Pharmacological Toxicology* 2009; 104:253-254.
- 30) **Nassiri-Asl M**, Zamansoltani F, Abbasi E, Daneshi MM, Zangivand AA. Effects of *Urtica dioica* extract on lipid profile in hypercholesterolemic rats. *Chinese J of Alternative Medicine* 2009;7(5):428-33.
- 31) Zamansoltani F, **Nassiri-Asl M**, Sarookhani MR, Jahani-Hashemi H, Zangivand AA. Antiandrogenic activities of *Glycyrrhiza glabra* in male mice. *Journal of Andrology* 2009;32: 417-422.
- 32) Aghamirian MR, **Nassiri-Asl M**. Searching *penicillium marneffeii* in the soil of Qazvin city. *Journal of Qazvin University of Medical Sciences* 2009;13:64-69.
- 33) Padisar P, Naseh R, **Nassiri-Asl M**, Hosseinian Z. A study on efficiency of NSAIDs in controlling pain caused by orthodontic treatment. *Journal of Qazvin University of Medical Sciences* 2009;13:70-76.
- 34) **Nassiri-Asl M**, Zamansoltani F, Javadi M, Ganjvar M. The effects of rutin on a passive avoidance test in rats. *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 2010;34: 204-207.
- 35) **Nassiri-Asl M**, Abbasi E, Hajiabadi M, Nouri A, Zangivand AA, Saebi S, Hashemi F, Farhoudi H. The interaction between quinine and trimethylamine in the formalin test. *Pharmacologyonline* 2009;3: 1008-1014.
- 36) **Nassiri-Asl M**, Mortazavi SR, Samiee-Rad F, Zangivand AA, Safdari F, Saroukhani S, Abbasi E. The effects of rutin on the development of pentylenetetrazole kindling and memory retrieval in rats. *Epilepsy and Behavior* 2010; 18:50-53.

- 37) Ziaee A, Zamansoltani F, **Nassiri-Asl M**, Hadigol T, Ghasemi M. Study of the hepatoprotective effects of rutin on acetaminophen and carbon tetrachloride - induced liver injury in rats. *Pharmaceutical Sciences*, 2011; 17(1): 35-42.
- 38) **Nassiri-Asl M**, Hosseini SS, Zangivand AA, Rahimi-Baghdashti H, Safdari F. Carbenoxolone, a gap junction blocker, enhances antinociceptive effects of morphine in formalin test in mice. *Pharmacologyonline* 2011;2:185-192.
- 39) **Nassiri-Asl M**, Sarookhani MR, Abbasi E, Zangivand AA, Meh N. The effects of chronic administration folic acid on memory retrieval in rats. *Pharmacologyonline* 2011;3:526-535.
- 40) **Nassiri-Asl M**, Allami A. Attitudes of Qazvin medical studenys to integrate pharmacology in physiopathology course. *J of Education Development in Medical Science* 2011;6 (4): 31-36.
- 41) **Nassiri-Asl M**, Sarookhani MR, Abbasi E, Zangivand AA, Shakiba E, Sedighi A, Rahbari M. The effects of pre-treatment with vitamin B on memory retrieval in rats. *Food Chemistry* 2012; 132:1042-1046.
- 42) Hosseinzadeh H, Taiari S, **Nassiri-Asl M**. Effect of thymoquinone, a constituent of *Nigella sativa* L., on ischemia-reperfusion in rat skeletal muscle. *Naunyn-Schmiedeberg 's Arch Pharmacology* 2012;385: 503-585.
- 43) Abbasi E, **Nassiri-Asl M**, Shafeei M, Sheikhi M. Neuroprotective effects of vitexin, a flavonoid, on pentylenetetrazole-induced seizure in rats. *Chemical Biology and Drug Design* 2012; 80(2):274-278.
- 44) Foroozia M, Adel M, **Nassiri-Asl M**, Masumi P. Comparison of the tissue biocompatibility of Resilon and gutta-percha cones. *Scientific Research and Essays* 2012; 7(12): 1368-1372.
- 45) Kazemifar AM, Hajaghamohammadi AA, Samimi R, Alavi Z, Abbasi E, **Nasiri Asl M**. Hepatoprotective Property of Oral Silymarin is Comparable to N-

Acetyl Cysteine in Acetaminophen Poisoning. *Gastroenterology Research* 2012;5(5):190-194.

46) Hosseinzadeh H, **Nassiri-Asl M**. Avicenna 's (Ibn Sina) the Cannon Of Medicine and saffron (*Crocus sativus*): A review. *Phytotherapy Research* 2013;27(4):475-83.

47) Elmizadeh H, Khanmohammadi M, Ghasemi K, Hassanzadeh G, **Nassiri-Asl M**, Garmarudi AB. Preparation and optimization of chitosan nanoparticles and magnetic chitosan nanoparticles as delivery systems using Box-Behnken statistical design. *Journal of Pharmaceutical and Biomedical Analysis* 2013;80:141-6.

48) Abbasi E, **Nassiri-Asl M**, Sheikhi M, Shafiee M. Effects of vitexin on scopolamine-induced memory impairment in rats. *Chinese Journal of Physiology*. 2013;56(3): 184-189.

49) Aghae A, Parsa H, **Nassiri Asl M**, Farzam SA, Javadi A, Divanbeig A. Comparison of the Effects of Powdered and Powder-free Surgical Gloves on Postlaparotomy Peritoneal Adhesions in Rats. *Iranian Red Crescent Medical Journal*. 2013; 15(5): 442-443.

50) **Nassiri-Asl M**, Moghbelinejad S, Abbasi E, Yonesi F, Haghghi MR, Lotfizadeh M, Bazahang P. Effects of quercetin on oxidative stress and memory retrieval in kindled rats. *Epilepsy and Behavior* 2013;3:151-155.

51) **Nassiri-Asl M**, Naserpour Farivar T, Abbasi E, Sadeghnia HR, Sheikhi M, Lotfizadeh M, Bazahang P. Effects of rutin on oxidative stress in mice with kainic acid-induced seizure. *Journal of Integrative Medicine* 2013;11(5):337-42.

52) Moghbelinejad S, **Nassiri-Asl M**, Naserpour Farivar TN, Abbasi E, Sheikhi M, Taghiloo M, Farsad F, Samimi A, Hajiali F. Rutin activates the MAPK pathway and BDNF gene expression on beta-amyloid induced neurotoxicity in rats. *Toxicology Letters* 2014;224:108-113

- 53) Asefzadeh S, Alijanzadeh M, Nassiri-Asl M. Correlation between Human Development Index and maternal mortality rate. Payesh 2013; 12: 559-566.
- 54) Borhan-Mojabi K, Mirmiran F, Nassiri-Asl M, Nazeman P, Jahanihashemi H. Therapeutic effects of “Ibuprofen, Diphenhydramine and Aluminium MgS” on recurrent aphthous stomatitis: A randomized controlled trial. Journal of Dentistry of Tehran University of Medical Sciences 2014; 11 (2);167-171.
- 55) Sadat Motamedshariaty V, Farzad Amel S, Nassiri-Asl M, Hosseinzadeh H. Effects of rutin on acrylamide-induced neurotoxicity. Daru 2014; 22:27.
- 56) Hosseinzadeh H, Nassiri-Asl M. Review of the protective effects of rutin on the metabolic function as an important dietary flavonoid. Journal Endocrinology and Investigation 2014 Sep;37(9):783-8.
- 57) Haji Seyed Javadi SA, Hajiali F, Nassiri-Asl M. Zolpidem dependency and withdrawal seizure: a case report study. Iranian Red Crescent and Medical Journal. 2014 Nov 11;16(11):e19926.
- 58) Saraei M, Samadzadeh N, Khoeini J, Shahnazi M, Nassiri-Asl M, Jahanihashemi H. In vivo anti-Toxoplasma activity of aripiprazole. Iranian Journal Basic and Medical Sciences 2015;18: 938-41.
- 59) Hajiali F, Nassiri-Asl M. Report of severe menorrhagia following the maximum amount of lamotrigine overdose. Iranian Journal of Pharmaceutical Research 2015 Fall;14(4):1289-93.
- 60) Hosseinzadeh H, Nassiri-Asl M. Pharmacological effects of Glycyrrhiza spp. and its bioactive constituents: Update and Review. Phytotherapy Research. 2015; 29(12):1868-86.
- 61) Nozari SH, Azadmehr A, Nassiri-Asl M, Jahanihashemi H, Adine m, Javadi F, Shahnazi M, Saraei M. Ethanol Extracts of Achillea millefolium and Hypericum perforatum Low Anti-Toxoplasma Activity. Journal of Pharmacopuncture 2016;19(1); 70-73.

- 62) **Nassiri-Asl M**, Haji-Ali F, Taghiloo M, Abbasi E, Mohseni F, Yousefi F. Comparison between the effects of quercetin on seizure threshold in acute and chronic seizure models. *Journal of Toxicology and Industrial Health* 2016;32(5), 936-944.
- 63) Zakikhan K, Pournasr B, **Nassiri-Asl M**, Baharvand H. Enhanced direct conversion of fibroblasts into hepatocyte-like cells by Kdm2b. *Biochemical and Biophysical Research Communication*. 2016 May 20;474(1):97-103.
- 64) Moghbelinejad S, Rashvand Z, Khodabandehloo F, Mohammadi G, **Nassiri-Asl M**. Modulation of the expression of the GABA_A receptor β_1 and β_3 subunits by pretreatment with quercetin in the KA model of epilepsy in mice. *Journal of Pharmacopuncture* 2016;19(2):163-166.
- 65) Saraei M, Ghaderi Y, Mosavi T, Shahnazi M, **Nassiri-Asl M**, Jahanihashemi H. The effect of fluphenazine and thioridazine on *Toxoplasma gondii* in vivo. *Iranian Journal of Parasitology*, 2016;11(2): 226-23.
- 66) **Nassiri-Asl M**, Hosseinzadeh H. Review of the Pharmacological Effects of *Vitis vinifera* (Grape) and its Bioactive Constituents: An Update. *Phytotherapy Research*. 2016;30(9):1392-403.
- 67) Nozari Sh, Azadmehr A, Adine M, Javadi F, Jahanihashemi H, **Nassiri-Asl M**, Shahnazi, M, Saraei M. In vitro anti-toxoplasma effects of ethanolic extracts of *Artemisia Absinthium* L., *Carum copticum* L. and *Gossypium Hirsutum*. *Journal of Medicinal Plants* 2016;2(57):72-79.
- 68) Shahmohammadi M, Javadi M, **Nassiri-Asl M**. An overview on the effects of sodium benzoate as a preservative in food products. *Biotechnology and Health Sciences* 2016; 3(3): e35084.
- 69) Faridkia Z, Yaghmaei P, **Nassiri-Asl M**. Protective effect of quinine on chemical kindling and passive avoidance test in rats. *Iranian Red Crescent Medical Journal*.2016;18(9): e25490.

- 70) Naserpour Farivar T, **Nassiri-Asl M**, Johari P, Najafipour R, Hajiali F. Quantitative evaluation the effects of kainic acid-induced seizure on gene expression of brain neurotransmitter receptors in mice using RT2 PCR array. *Basic and Clinical Neuroscience*. 2016; 7(4): 291-29.
- 71) Moghbelinejad S, Alizadeh S, Mohammadi G, Khodabandehloo F, Rashvand Z, Najafipour R, **Nassiri-Asl M**. The effects of quercetin on the gene expression of the GABAA receptor $\alpha 5$ subunit gene in a mouse model of kainic acid-induced seizure. *The Journal of Physiological Science* 2017;67(2):339-343.
- 72) Pouragahi S, Sanati MH, Sadeghi M, **Nassiri-Asl M**. Bioinformatics approach for pattern of Myelin-Specific Proteins and related human disorders. *Biotechnology and Health sciences*. 2016; 3(4):e38278.
- 73) Nikfarjam BA, Adineh M, Hajiali F, **Nassiri-Asl M**. Treatment with rutin - A therapeutic strategy for neutrophil-mediated inflammatory and autoimmune diseases *Journal of Pharmacopuncture*. 2017;20(1):52-56.
- 74) Pouragahi S, **Nassiri-Asl M**, Sahraian MA, Sadeghi M, Banki A, Zamanzadeh Z, Ataei M, Sanati MH. Utility of Myelin Basic Protein as an early prognostic biomarker in Multiple Sclerosis Iranian Red Crescent Medical Journal. 2017; 19(3):e41619.
- 75) Zakikhan K, Pournasr B, Vosough M, **Nassiri-Asl M**. In vitro generated hepatocyte-like cells: A novel tool in regenerative medicine and drug discovery. *Cell Journal (Yakhteh)*. 2017;19(2): 204-217.
- 76) Deihimi M, Moghbelinejad S, Najafipour R, Parivar K, **Nassiri-Asl M**. The Effects of rutin on the gene expression of Dazl, Bcl2, and Caspase3 in idarubicin-induced testicular damages in mice. *Iranian Red Crescent Medical Journal*. 2017 ;19(4):e44765.
- 77) Moghbelinejad S, Mohammadi G, Khodabandehloo F, Najafipour R, Naserpour T, Rashvand Z, **Nassiri-Asl M**. The role of quercetin in gene expression

of GluR1 Subunit of AMPA receptors, and NR2A and NR2B subunits of NMDA receptors in kainic acid model of seizure in mice. Iranian Red Crescent Medical Journal. 2017; 19(5):e42415.

78) Sharifi-Ardani M, Yekefallah L, Asefzadeh S, **Nassiri-Asl M**. Efficacy of topical chamomile on the incidence of phlebitis due to an amiodarone infusion in coronary care patients: a double-blind, randomized controlled trial. Journal of Integrative Medicine. 2017 Sep;15(5):373-378.

79) Nikfarjam BA, Hajiali F, Adineh M, **Nassiri-Asl M**. Anti-inflammatory effects of quercetin and vitexin on activated human peripheral blood neutrophils. Journal of Pharmacopuncture. 2017;20(2):127-131.

80) Amribaigloo MR , Farahani-Nick Z, Yazdi Z, **Nassiri-Asl M**. Effect of intra-abdominal cisplatin on post-laparotomy adhesion bands in rats. Biotechnology and Health Sciences. 2018 ;5(1):e64021.

81) Abd-Nikfarjam, **Nassiri-Asl, M**, Hajiaghayi, M, Naserpour Farivar, T. Role of chicoric acid and 13-cis retinoic acid in mycobacterium tuberculosis infection control by human U937 macrophage. Archivum Immunologiae et Therapiae Experimentalis.2018, Pages 1-8.

82) Babaei F, Mirzababaei MR, **Nassiri-Asl M**. Quercetin in Food: Possible Mechanisms of Its Effect on Memory. Journal of Food Science. 2018, in press.

83) Mohammadi G, Dargahi L, Peymani A, Mirzanejad Y, Alizadeh SA, Naserpour T, **Nassiri-Asl M**. The effects of probiotic formulation pretreatment (Lactobacillus helveticus R0052 and Bifidobacterium longum R0175) on a lipopolysaccharide rat model. Journal of the American College of Nutrition. 2019. In press.

84) Mohammadi G, Dargahi L, Taghi Naserpour, Mirzanejad Y, Alizadeh SA, Peymani A, **Nassiri-Asl M**. Probiotic mixture of Lactobacillus helveticus R0052

6 and *Bifidobacterium longum* R0175 attenuates hippocampal apoptosis-induced by lipopolysaccharide in rats. *International Microbiology* 2019, In press.

Some published abstract in recent years

- 1) **Nassiri-Asl M**, Zamansoltani F, Javadi A The effects of rutin on memory retrieval in normal rats. *European Psychiatry*, 12-15 March, 2010, Vienna-Austria.
- 2) **Nassiri-Asl M**, Sarookhani MR, Abbasi E, Zangivand AA. The effects of vitamin B6 and folic acid on memory retrieval in rats. 8th International Brain Research Organization (IBRO) World Congress of Neuroscience, 14-18 July, 2011, Florence, Italy.
- 3) Hosseini A, Hosseinzadeh H, Sadeghnia H, **Nassiri-Asl M**. Effect of *Salvia leriifolia* Benth. root extracts on ischemia-reperfusion in rat skeletal muscle. 11th International Congress of the Iranian Society of Toxicology. 13-15 September 2011, Mashhad.
- 4) Sadeghnia HR, Hosseinzadeh H, Parvardeh S, **Nassiri-Asl M**, Ziaee T. Effect of thymoquinone and *Nigella sativa* seed oil on lipid peroxidation level during global cerebral ischemia-reperfusion injury in rat hippocampus. 12th Iranian Congress of Biochemistry and 4th International Congress of Biochemistry and Molecular Biology. 6-9 September 2011, Mashhad, Iran.
- 5) Abbasi E, **Nassiri-Asl M**, Sheikhi M, Shafiee M. Inhibitory effects of vitexin on scopolamine-induced memory impairment in rats. 2nd National Congress of Medicinal plants, May 2013, Tehran, Iran.
- 6) Sheikhi, M., **Nassiri-Asl**, M, Abbasi E, Shafiee M. Anticonvulsive effects of vitexin, a flavonoids, on pentylentetrazole-induced seizure in rats. 2nd National Congress of Medicinal plants, May 2013, Tehran, Iran.

- 7) Moghbelinejad S, Nassiri-Asl M, Abbasi E, Mozdarani H. The effects of rutin on MAPK pathway in beta-amyloid induced Alzheimer in rats. 3rd International Genetics Congress, Tehran, May 2013, Tehran, Iran.
- 8) Zakikhan K, Nassiri-Asl M, Pournasr B, Baharvand H. The role of overexpression Kdm2b as an epithelization factor in transdifferentiation of fibroblasts to functional hepatocytes like cells. Summer 2014, presented at Royan International Twin Congress 11th Congress on Stem Cell Biology and Technology. Published in Cell Journal; 2015;17(1): p.61.
- 9) Pouragahi S, Sànàti MH, Sahraian MA, Nassiri-Asl M, Sadeghi M. The prognosis based on a new consolidated- theoretical methodology using Myelin Basic Protein antigenic epitopes, in Multiple Sclerosis. 4th Basic and Clinical Neuroscience Congress, Dec23-25 2015, Tehran, Iran.
- 10) Adineh M, Abd-Nickfarjam B, Nassiri-Asl M. The comparison of four method for the isolation of human peripheral blood neutrophils. The 9th International and 14th National Congress on Quality Improvement in Clinical Laboratories, April 19-22, 2016, Tehran, Iran. Published in Laboratory and Diagnosis 2016;7(30). P.145.
- 11) Mohammadi G, Nassiri-Asl M, Naserpour T, Dargahi L, Peymani A, Yazdan Mirzanejad. Probiotic formulation pretreatment (Lactobacillus helveticus R0052 and Bifidobacterium longum R0175) attenuates inflammation and memory impairment in lipopolysaccharide-induced rats. Clinical Nutrition 2018, May 24-26, 2018. Published in J Nutr Disorders Ther.2018;Vol 8. DOI: 10.4172/2161-0509-C1-010.

Scholar.google citation:

<https://scholar.google.com/citations?user=Lcx1TbQAAAAJ&hl=en>

Scopus citation:

<https://www.scopus.com/authid/detail.uri?authorId=23968401100>

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Publon:

publons.com/a/1189183/