



## تاریخچه تحصیلی و فعالیتهای آموزشی، پژوهشی

مشخصات فردی

نام: محمد نام خانوادگی: ناصحی

استاد دانشگاه علوم پزشکی آزاد اسلامی تهران و موسسه آموزش عالی علوم شناختی

تلفن: 09128224672

عنوان پایان نامه / رساله	کشور	نام دانشگاه	تاریخ اخذ مدرک	تخصص جنبی	رشته تحصیلی	مدرک تحصیلی
تزریق مکرر آگونیستها و آنتاگونیستهای دوپامین در قسمت پشتی هیپوتالاموس (CA1) و تاثیر آن بر روی ترجیح مکان شرطی شده ناشی از مورفین	ایران	شهید باهنر کرمان	تیرماه ۸۱	علوم گیاهی	زیست شناسی	کارشناسی
بررسی اثر سیستم کانابینوئیدی ناحیه CA1 هیپوکامپ بر حافظه در رتهای حساس شده با دوپامین	ایران	تربیت معلم تهران	تیرماه ۸۳	فیزیولوژی جانوری	زیست شناسی	کارشناسی ارشد
	ایران	دانشگاه آزاد واحد علوم تحقیقات	دی ماه ۱۳۸۷	فیزیولوژی جانوری	زیست شناسی	دکتری تخصصی

## سابقه تحصیلی و آموزشی

### رتبه ها:

۱. پژوهشگر برتر دانشگاه آزاد اسلامی واحد گرمسار در سال ۱۳۹۲
۲. رتبه دوم مقاله برتر فرهنگستان علوم پزشکی در سال ۱۳۹۲
۳. محقق برتر جشنواره لقمان ۲ دانشگاه آزاد اسلامی در حوزه پزشکی، سال ۱۳۹۴

### مسئولیت ها:

۱. مسئول آزمایشگاه علوم اعصاب حیوانی موسسه آموزش عالی علوم شناختی (۱۳۹۳ تا کنون)
۲. مسئول EDO دانشکده علوم نوین دانشگاه علوم پزشکی آزاد اسلامی تهران (۱ سال)
۳. معاون دانشکده علوم نوین دانشگاه علوم پزشکی آزاد اسلامی تهران (۱ سال)
۴. عضو زیر گروه شناخت فرهنگستان علوم پزشکی (۲ سال)
۵. عضو زیر گروه شناخت و رفتار سازمان مرکزی دانشگاه آزاد اسلامی (۲ سال)
۶. عضو گروه فیزیولوژی و پاتولوژی فرهنگستان زبان و ادب فارسی (۸ سال)

۷. مدیر مرکز دوره‌های کوتاه مدت کاربردی و مهارتی دانشگاه علوم پزشکی آزاد اسلامی تهران (۱ سال)
۸. رئیس مرکز علوم اعصاب و شناخت دانشگاه علوم پزشکی آزاد اسلامی تهران (۴ سال)
۹. مدیر کل آموزش دانشگاه علوم پزشکی آزاد اسلامی تهران (۱۴۰۰-۱۳۹۸)
۱۰. معاون آموزشی و تحصیلات تکمیلی دانشگاه علوم پزشکی آزاد اسلامی تهران (۱۴۰۰ تا اکنون)

## Impact Factor دارای ISI مقالات چاپ شده در مجلات

1. Rahimpour P, Nasehi M, Zarrindast MR, Khalifeh S. Dose-dependent manner of luteolin in the modulation of spatial memory with respect to the hippocampal level of HSP70 and HSP90 in sleep-deprived rats. *Gene*. 2023;852:147046.
2. Naeeni Davarani M, Arian Darestani A, Hassani-Abharian P, Vaseghi S, Zarrindast MR, Nasehi M. RehaCom rehabilitation training improves a wide-range of cognitive functions in multiple sclerosis patients. *Appl Neuropsychol Adult*. 2022;29(2):262-72.
3. Mozaffari M, Hassani-Abharian P, Kholghi G, Vaseghi S, Zarrindast MR, Nasehi M. Treatment with RehaCom computerized rehabilitation program improves response control, but not attention in children with attention-deficit/hyperactivity disorder (ADHD). *J Clin Neurosci*. 2022;98:149-53.
4. Arjmandi-Rad S, Zarrindast MR, Shadfar S, Nasehi M. The role of sleep deprivation in streptozotocin-induced Alzheimer's disease-like sporadic dementia in rats with respect to the serum level of oxidative and inflammatory markers. *Exp Brain Res*. 2022;240(12):3259-70.
5. Alipour V, Shabani R, Zarrindast MR, Rahmani-Nia F, Nasehi M. Treadmill Exercise Improves Stereotypical Behaviors in Autistic Rats: Treadmill Exercise Improves ASD. *Galen Med J*. 2022;11:1-7.
6. Alipour V, Shabani R, Rahmani-Nia F, Vaseghi S, Nasehi M, Zarrindast MR. Effects of Treadmill Exercise on Social Behavior in Rats Exposed to Thimerosal with Respect to the Hippocampal Level of GluN1, GluN2A, and GluN2B. *J Mol Neurosci*. 2022;72(6):1345-57.
7. Vaseghi S, Nasehi M, Zarrindast MR. How do stupendous cannabinoids modulate memory processing via affecting neurotransmitter systems? *Neurosci Biobehav Rev*. 2021;120:173-221.
8. Vaseghi S, Arjmandi-Rad S, Nasehi M, Zarrindast MR. Cannabinoids and sleep-wake cycle: The potential role of serotonin. *Behav Brain Res*. 2021;412:113440.
9. Rezaie M, Nasehi M, Vaseghi S, Alimohammadzadeh K, Islami Vaghar M, Mohammadi-Mahdiabadi-Hasani MH, et al. The interaction effect of sleep deprivation and cannabinoid type 1 receptor in the CA1 hippocampal region on passive avoidance memory, depressive-like behavior and locomotor activity in rats. *Behav Brain Res*. 2021;396:112901.
10. Nasehi M, Mohammadi-Mahdiabadi-Hasani MH, Zarrindast MR, Zarrabian S. Puncalagin effect on total sleep deprivation memory deficit in male Wistar rats. *J Integr Neurosci*. 2021;20(1):87-93.
11. Mahdavi MS, Nasehi M, Vaseghi S, Mousavi Z, Zarrindast MR. The effect of alpha lipoic acid on passive avoidance and social interaction memory, pain perception, and locomotor activity in REM sleep-deprived rats. *Pharmacol Rep*. 2021;73(1):102-10.
12. Khalifeh S, Khodagholi F, Zarrindast MR, Alizadeh R, Asadi S, Mohammadi Kamsorkh H, et al. Altered D2 receptor and transcription factor EB expression in offspring of aggressive male rats, along with having depressive and anxiety-like behaviors. *Int J Neurosci*. 2021;131(8):789-99.
13. Charousaei A, Nasehi M, Babapour V, Vaseghi S, Zarrindast MR. The effect of 5-HT(4) serotonin receptors in the CA3 hippocampal region on D-AP5-induced anxiolytic-like effects: Isobolographic analyses. *Behav Brain Res*. 2021;397:112933.
14. Ahmadi-Mahmoodabadi N, Emamghoreishi M, Nasehi M, Zarrindast MR. The bidirectional effect of prelimbic 5-hydroxytryptamine type-4 (5-HT4) receptors on ACPA-

mediated aversive memory impairment in adult male Sprague-Dawley rats. *Iran J Basic Med Sci.* 2021;24(6):726-33.

15. Abbasi S, Nasehi M, Ebrahimi-Ghiri M, Zarrindast MR. Anodal tDCS applied to the left frontal cortex abrogates scopolamine-induced fear memory deficit via the dopaminergic system. *Acta Neurobiol Exp (Wars).* 2021;81(2):171-80.

16. Sadeghi-Adl M, Sadat-Shirazi MS, Shahini F, Akbarabadi A, Khalifeh S, Borzabadi S, et al. The role of cannabinoid 1 receptor in the nucleus accumbens on tramadol induced conditioning and reinstatement. *Life Sci.* 2020;260:118430.

17. Rezaie M, Nasehi M, Vaseghi S, Mohammadi-Mahdiabadi-Hasani MH, Zarrindast MR, Nasiri Khalili MA. The protective effect of alpha lipoic acid (ALA) on social interaction memory, but not passive avoidance in sleep-deprived rats. *Naunyn Schmiedebergs Arch Pharmacol.* 2020;393(11):2081-91.

18. Norozpour Y, Nasehi M, Sabouri-Khanghah V, Nami M, Vaseghi S, Zarrindast MR. The effect of alpha-2 adrenergic receptors on memory retention deficit induced by rapid eye movement sleep deprivation. *Iran J Basic Med Sci.* 2020;23(12):1571-5.

19. Nasehi M, Zadeh-Tehrani SN, Khakpai F, Zarrindast MR. A possible neuroprotective property of ethanol and/or NeuroAiD on the modulation of cognitive function. *Neurotoxicol Teratol.* 2020;82:106927.

20. Kordestani-Moghadam P, Nasehi M, Vaseghi S, Khodaghohi F, Zarrindast MR. The role of sleep disturbances in depressive-like behavior with emphasis on alpha-ketoglutarate dehydrogenase activity in rats. *Physiol Behav.* 2020;224:113023.

21. Divanbeigi A, Nasehi M, Vaseghi S, Amiri S, Zarrindast MR. Tropicisetron But Not Granisetron Ameliorates Spatial Memory Impairment Induced by Chronic Cerebral Hypoperfusion. *Neurochem Res.* 2020;45(11):2631-40.

22. Bakhtazad A, Vousooghi N, Nasehi M, Sanadgol N, Garmabi B, Zarrindast MR. The effect of microinjection of CART 55-102 into the nucleus accumbens shell on morphine-induced conditioned place preference in rats: Involvement of the NMDA receptor. *Peptides.* 2020;129:170319.

23. Baghbaderani S, Hashemi M, Ebrahimi-Ghiri M, Zarrindast MR, Nasehi M, Entezari M. Curcumin prevents cognitive deficits in the bile duct ligated rats. *Psychopharmacology (Berl).* 2020;237(12):3529-37.

24. Almaspour MB, Nasehi M, Khalifeh S, Zarrindast MR. The effect of fish oil on social interaction memory in total sleep-deprived rats with respect to the hippocampal level of stathmin, TFEB, synaptophysin and LAMP-1 proteins. *Prostaglandins Leukot Essent Fatty Acids.* 2020;157:102097.

25. Aliashrafi M, Nasehi M, Zarrindast MR, Joghataei MT, Zali H, Siadat SD. Association of microbiota-derived propionic acid and Alzheimer's disease; bioinformatics analysis. *J Diabetes Metab Disord.* 2020;19(2):783-804.

26. Javad-Moosavi BZ, Nasehi M, Vaseghi S, Jamaldini SH, Zarrindast MR. Activation and Inactivation of Nicotinic Receptors in the Dorsal Hippocampal Region Restored Negative Effects of Total (TSD) and REM Sleep Deprivation (RSD) on Memory Acquisition, Locomotor Activity and Pain Perception. *Neuroscience.* 2020;433:200-11.

27. Malboosi N, Nasehi M, Hashemi M, Vaseghi S, Zarrindast MR. The neuroprotective effect of NeuroAid on morphine-induced amnesia with respect to the expression of TFAM, PGC-1alpha, DeltafosB and CART genes in the hippocampus of male Wistar rats. *Gene.* 2020;742:144601.

28. Ebrahimi-Ghiri M, Mohammadi-Mahdiabadi-Hasani MH, Nasehi M, Zarrindast MR. Better antidepressant efficacy of mecamylamine in combination with L-NAME than with L-arginine. *Behav Brain Res.* 2020;386:112604.

29. Kordestani-Moghadam P, Nasehi M, Khodaghohi F, Vaseghi S, Zarrindast MR, Khani M. The fluctuations of metabotropic glutamate receptor subtype 5 (mGluR5) in the amygdala in fear conditioning model of male Wistar rats following sleep deprivation, reverse circadian and napping. *Brain Res.* 2020;1734:146739.

30. Arian Darestani A, Naeeni Davarani M, Hassani-Abharian P, Zarrindast MR, Nasehi M. The therapeutic effect of treatment with RehaCom software on verbal performance in patients with multiple sclerosis. *J Clin Neurosci*. 2020;72:93-7.
31. Nasehi M, Forouzanmehr E, Khakpai F, Zarrindast MR. Possible interaction between the ventral hippocampal cannabinoid CB2 and muscarinic acetylcholine receptors on the modulation of memory consolidation in mice. *Neuroreport*. 2020;31(2):174-83.
32. Eydipour Z, Nasehi M, Vaseghi S, Jamaldini SH, Zarrindast MR. The role of 5-HT4 serotonin receptors in the CA1 hippocampal region on memory acquisition impairment induced by total (TSD) and REM sleep deprivation (RSD). *Physiol Behav*. 2020;215:112788.
33. Nasehi M, Torabinejad S, Hashemi M, Vaseghi S, Zarrindast MR. Effect of cholestasis and NeuroAid treatment on the expression of Bax, Bcl-2, Pgc-1alpha and Tfam genes involved in apoptosis and mitochondrial biogenesis in the striatum of male rats. *Metab Brain Dis*. 2020;35(1):183-92.
34. Vaseghi S, Babapour V, Nasehi M, Zarrindast MR. Synergistic but not additive effect between ACPA and lithium in the dorsal hippocampal region on spatial learning and memory in rats: Isobolographic analyses. *Chem Biol Interact*. 2020;315:108895.
35. Nasehi M, Imani E, Ebrahimi-Ghiri M, Sabouri-Khanghah V, Zarrindast MR. Effects of precondition alpha(2)-adrenoceptor agents on memory- and anxiety-related processes in the transient cerebral ischemic rats. *Naunyn Schmiedebergs Arch Pharmacol*. 2020;393(3):315-24.
36. Mahboubi S, Nasehi M, Imani A, Sadat-Shirazi MS, Zarrindast MR, Vousooghi N, et al. Benefit effect of REM-sleep deprivation on memory impairment induced by intensive exercise in male wistar rats: with respect to hippocampal BDNF and TrkB. *Nat Sci Sleep*. 2019;11:179-88.
37. Veisi-Pirkoochi S, Hassani-Abharian P, Kazemi R, Vaseghi S, Zarrindast MR, Nasehi M. Efficacy of RehaCom cognitive rehabilitation software in activities of daily living, attention and response control in chronic stroke patients. *J Clin Neurosci*. 2020;71:101-7.
38. Nasehi M, Ghazalian F, Shakeri N, Nasehi M, Zarrindast MR. Influence of MLC901 Alone and with Moderate Exercise on Pain Response Concurrent Due to Stress of Male Mice. *Galen Med J*. 2019;8:e1253.
39. Ekhtiari H, Tavakoli H, Addolorato G, Baeken C, Bonci A, Campanella S, et al. Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. *Neurosci Biobehav Rev*. 2019;104:118-40.
40. Kordestani Moghadam P, Nasehi M, Khodaghali F, Zarrindast MR. Vulnerability of Left Amygdala to Total Sleep Deprivation and Reversed Circadian Rhythm in Molecular Level: Glut1 as a Metabolic Biomarker. *Galen Med J*. 2019;8:e970.
41. Anvari SS, Nasehi M, Zarrindast MR. Effects of Acute and Subchronic Anodal Transcranial Direct Current Stimulation (tDCS) on Morphine-Induced Responses in Hotplate Apparatus. *Galen Med J*. 2019;8:e1157.
42. Nasehi M, Mohammadi-Mahdiabadi-Hasani MH, Ebrahimi-Ghiri M, Zarrindast MR. Additive interaction between scopolamine and nitric oxide agents on immobility in the forced swim test but not exploratory activity in the hole-board. *Psychopharmacology (Berl)*. 2019;236(11):3353-62.
43. Feizolahi F, Azarbayjani MA, Nasehi M, Peeri M, Zarrindast MR. The combination of swimming and curcumin consumption may improve spatial memory recovery after binge ethanol drinking. *Physiol Behav*. 2019;207:139-50.
44. Roostaei A, Vaezi G, Nasehi M, Haeri-Rohani A, Zarrindast MR. The Involvement of D1 and D2 Dopamine Receptors in the Restoration Effect of Left Frontal Anodal, but not Cathodal, tDCS on Streptozocin-Induced Amnesia. *Arch Iran Med*. 2019;22(3):144-54.
45. Nasehi M, Mohammadi A, Ebrahimi-Ghiri M, Hashemi M, Zarrindast MR. MLC901 during sleep deprivation rescues fear memory disruption in rats. *Naunyn Schmiedebergs Arch Pharmacol*. 2019;392(7):813-21.
46. Ebrahimi-Ghiri M, Nasehi M, Zarrindast MR. Anxiolytic and antidepressant effects of ACPA and harmaline co-treatment. *Behav Brain Res*. 2019;364:296-302.

47. Vaseghi S, Babapour V, Nasehi M, Zarrindast MR. The role of CA1 CB1 receptors on lithium-induced spatial memory impairment in rats. *EXCLI J.* 2018;17:916-34.
48. Nasehi M, Shirkhodaei A, Ebrahimi-Ghiri M, Zarrindast MR. Abolishment of fear memory-disruptive effects REM sleep deprivation by harmaline. *Biomed Pharmacother.* 2019;109:1563-8.
49. Ahmadi Soleimani SM, Mohamadi MAHM, Raoufy MR, Azizi H, Nasehi M, Zarrindast MR. Acute morphine administration alters the power of local field potentials in mesolimbic pathway of freely moving rats: Involvement of dopamine receptors. *Neurosci Lett.* 2018;686:168-74.
50. Ebrahimi-Ghiri M, Nasehi M, Zarrindast MR. The modulatory role of accumbens and hippocampus D2 receptors in anxiety and memory. *Naunyn Schmiedebergs Arch Pharmacol.* 2018;391(10):1107-18.
51. Nasehi M, Hasanvand S, Khakpai F, Zarrindast MR. Correction to: The effect of CA1 dopaminergic system on amnesia induced by harmaline in mice. *Acta Neurol Belg.* 2019;119(3):509.
52. Nasehi M, Shahini F, Ebrahimi-Ghiri M, Azarbayjani M, Zarrindast MR. Effects of harmaline during treadmill exercise on spatial memory of restraint-stressed mice. *Physiol Behav.* 2018;194:239-45.
53. Nasehi M, Mosavi-Nezhad SM, Khakpai F, Zarrindast MR. The role of omega-3 on modulation of cognitive deficiency induced by REM sleep deprivation in rats. *Behav Brain Res.* 2018;351:152-60.
54. Nasehi M, Hasanvand S, Khakpai F, Zarrindast MR. The effect of CA1 dopaminergic system on amnesia induced by harmaline in mice. *Acta Neurol Belg.* 2019;119(3):369-77.
55. Roostaei A, Vaezi G, Nasehi M, Haeri-Rohani A, Zarrindast MR. Study of the Role of Dopamine Receptors in Streptozotocin-Induced Depressive-Like Behavior Using the Forced Swim Test Model. *Galen Med J.* 2018;7:e954.
56. Nasehi M, Shahbazzadeh S, Ebrahimi-Ghiri M, Zarrindast MR. Bidirectional influence of amygdala beta(1)-adrenoceptors blockade on cannabinoid signaling in contextual and auditory fear memory. *J Psychopharmacol.* 2018;32(8):932-42.
57. Namvarpour Z, Nasehi M, Amini A, Zarrindast MR. Protective role of alpha-lipoic acid in impairments of social and stereotyped behaviors induced by early postnatal administration of thimerosal in male rat. *Neurotoxicol Teratol.* 2018;67:1-9.
58. Nasehi M, Gerami-Majd F, Khakpai F, Zarrindast MR. Dorsal hippocampal cannabinergic and GABAergic systems modulate memory consolidation in passive avoidance task. *Brain Res Bull.* 2018;137:197-203.
59. Eydipour Z, Vaezi G, Nasehi M, Haeri-Rouhani SA, Zarrindast MR. Different Role of CA1 5HT3 Serotonin Receptors on Memory Acquisition Deficit Induced by Total (TSD) and REM Sleep Deprivation (RSD). *Arch Iran Med.* 2017;20(9):581-8.
60. Ebrahimi-Ghiri M, Rostampour M, Jamshidi-Mehr M, Nasehi M, Zarrindast MR. Role of CA1 GABA(A) and GABA(B) receptors on learning deficit induced by D-AP5 in passive avoidance step-through task. *Brain Res.* 2018;1678:164-73.
61. Dolatabadi HRD, Zarrindast MR, Reisi P, Nasehi M. The Effects of Pentoxifylline on Serum Levels of Interleukin 10 and Interferon Gamma and Memory Function in Lipopolysaccharide-induced Inflammation in Rats. *Adv Biomed Res.* 2017;6:110.
62. Nasehi M, Soltanpour R, Ebrahimi-Ghiri M, Zarrabian S, Zarrindast MR. Interference effects of transcranial direct current stimulation over the right frontal cortex and adrenergic system on conditioned fear. *Psychopharmacology (Berl).* 2017;234(22):3407-16.
63. Abbasi S, Nasehi M, Lichaei HRS, Zarrindast MR. Effects of left prefrontal transcranial direct current stimulation on the acquisition of contextual and cued fear memory. *Iran J Basic Med Sci.* 2017;20(6):623-30.
64. Zarrabian S, Nasehi M, Farrahizadeh M, Zarrindast MR. The role of CA3 GABA(B) receptors on anxiolytic-like behaviors and avoidance memory deficit induced by D-AP5 with respect to Ca(2+) ions. *Prog Neuropsychopharmacol Biol Psychiatry.* 2017;79(Pt B):515-24.
65. Nasehi M, Alaghmandan-Motlagh N, Ebrahimi-Ghiri M, Nami M, Zarrindast MR. The interaction between hippocampal GABA-B and cannabinoid receptors upon spatial

change and object novelty discrimination memory function. *Psychopharmacology (Berl)*. 2017;234(20):3117-28.

66. Javad-Moosavi BZ, Vaezi G, Nasehi M, Haeri-Rouhani SA, Zarrindast MR. Critical role of CA1 muscarinic receptors on memory acquisition deficit induced by total (TSD) and REM sleep deprivation (RSD). *Prog Neuropsychopharmacol Biol Psychiatry*. 2017;79(Pt B):128-35.

67. Nasehi M, Khani-Abyaneh M, Ebrahimi-Ghiri M, Zarrindast MR. The effect of left frontal transcranial direct-current stimulation on propranolol-induced fear memory acquisition and consolidation deficits. *Behav Brain Res*. 2017;331:76-83.

68. Nasehi M, Ostadi E, Khakpai F, Ebrahimi-Ghiri M, Zarrindast MR. Synergistic effect between D-AP5 and muscimol in the nucleus accumbens shell on memory consolidation deficit in adult male Wistar rats: An isobologram analysis. *Neurobiol Learn Mem*. 2017;141:134-42.

69. Nasehi M, Roghani F, Ebrahimi-Ghiri M, Zarrindast MR. Role of the amygdala GABA-A receptors in ACPA-induced deficits during conditioned fear learning. *Brain Res Bull*. 2017;131:85-92.

70. Nasehi M, Ghadimi F, Khakpai F, Zarrindast MR. Interaction between harmaline, a class of beta-carboline alkaloids, and the CA1 serotonergic system in modulation of memory acquisition. *Neurosci Res*. 2017;122:17-24.

71. Manteghi F, Nasehi M, Zarrindast MR. Precondition of right frontal region with anodal tDCS can restore the fear memory impairment induced by ACPA in male mice. *EXCLI J*. 2017;16:1-13.

72. Nasehi M, Saadati N, Khakpai F, Zarrindast MR. Possible involvement of the CA1 GABAergic system on harmaline induced memory consolidation deficit. *Brain Res Bull*. 2017;130:101-6.

73. Nasehi M, Hajikhani M, Ebrahimi-Ghiri M, Zarrindast MR. Interaction between NMDA and CB2 function in the dorsal hippocampus on memory consolidation impairment: an isobologram analysis. *Psychopharmacology (Berl)*. 2017;234(3):507-14.

74. Nasehi M, Morteza-Zadeh P, Khakpai F, Zarrindast MR. Additive effect of harmaline and muscimol for memory consolidation impairment in inhibitory avoidance task. *Neuroscience*. 2016;339:287-95.

75. Nasehi M, Rostam-Nezhad E, Ebrahimi-Ghiri M, Zarrindast MR. Interaction between hippocampal serotonin and cannabinoid systems in reactivity to spatial and object novelty detection. *Behav Brain Res*. 2017;317:272-8.

76. Javadifar TS, Sahraei H, Ketabi MA, Nasehi M, Zarrindast MR. Transient inactivation of the nucleus accumbens (NAc) shell prominently ameliorates responses to acute stress in female rats. *Brain Res*. 2016;1649(Pt A):1-8.

77. Nasehi M, Mafi F, Ebrahimi-Ghiri M, Zarrindast MR. Function of opioidergic and dopaminergic antagonists on both spatial and object novelty detection deficits induced in rodent model of hepatic encephalopathy. *Behav Brain Res*. 2016;313:58-66.

78. Beiranvand A, Nasehi M, Zarrindast MR, Moghaddasi M. Involvement of medial prefrontal cortex alpha-2 adrenoceptors on memory acquisition deficit induced by arachidonylcyclopropylamide, a cannabinoid CB1 receptor agonist, in rats; possible involvement of Ca<sup>2+</sup> channels. *J Psychopharmacol*. 2016;30(9):945-54.

79. Nasehi M, Farrahizadeh M, Ebrahimi-Ghiri M, Zarrindast MR. Modulation of cannabinoid signaling by hippocampal 5-HT<sub>4</sub> serotonergic system in fear conditioning. *J Psychopharmacol*. 2016;30(9):936-44.

80. Norozpour Y, Nasehi M, Sabouri-Khanghah V, Torabi-Nami M, Zarrindast MR. The effect of CA1 alpha<sub>2</sub> adrenergic receptors on memory retention deficit induced by total sleep deprivation and the reversal of circadian rhythm in a rat model. *Neurobiol Learn Mem*. 2016;133:53-60.

81. Nedaei SE, Rezayof A, Pourmotabbed A, Nasehi M, Zarrindast MR. Activation of endocannabinoid system in the rat basolateral amygdala improved scopolamine-induced memory consolidation impairment. *Behav Brain Res*. 2016;311:183-91.

82. Nasehi M, Kamali-Dolatabadi L, Torabi-Nami M, Zarrindast MR. Possible involvement of the CA1 GABAA receptors upon acquisition and expression of the ACPA-induced place preference in mice. *Physiol Behav.* 2016;161:155-65.
83. Khakpoor M, Nasehi M, Vahdati A, Hoseyni SE, Zarrindast MR. Additive effect of BLA GABAA receptor mechanism and (+)-MK-801 on memory retention deficit, an isobologram analysis. *Pharmacol Biochem Behav.* 2016;143:57-64.
84. Nasehi M, Davoudi K, Ebrahimi-Ghiri M, Zarrindast MR. Interplay between serotonin and cannabinoid function in the amygdala in fear conditioning. *Brain Res.* 2016;1636:142-51.
85. Khakpai F, Nasehi M, Zarrindast MR. The role of NMDA receptors of the medial septum and dorsal hippocampus on memory acquisition. *Pharmacol Biochem Behav.* 2016;143:18-25.
86. Zarrabian S, Farahizadeh M, Nasehi M, Zarrindast MR. The role of CA3 GABAA receptors on anxiolytic-like behaviors and avoidance memory deficit induced by NMDA receptor antagonists. *J Psychopharmacol.* 2016;30(2):215-23.
87. Ahmadi-Mahmoodabadi N, Nasehi M, Emam Ghoreishi M, Zarrindast MR. Synergistic effect between prelimbic 5-HT<sub>3</sub> and CB1 receptors on memory consolidation deficit in adult male Sprague-Dawley rats: An isobologram analysis. *Neuroscience.* 2016;317:173-83.
88. Nasehi M, Zamanparvar M, Ebrahimi-Ghiri M, Zarrindast MR. Modulation of cannabinoid signaling by amygdala alpha2-adrenergic system in fear conditioning. *Behav Brain Res.* 2016;300:114-22.
89. Kangarlu-Haghighi K, Oryan S, Nasehi M, Zarrindast MR. The effect of BLA GABA(A) receptors in anxiolytic-like effect and aversive memory deficit induced by ACPA. *EXCLI J.* 2015;14:613-26.
90. Nasehi M, Meskarian M, Khakpai F, Zarrindast MR. Harmaline-induced amnesia: Possible role of the amygdala dopaminergic system. *Neuroscience.* 2016;312:1-9.
91. Nasehi M, Hajian M, Ebrahimi-Ghiri M, Zarrindast MR. Role of the basolateral amygdala dopamine receptors in arachidonylcyclopropylamide-induced fear learning deficits. *Psychopharmacology (Berl).* 2016;233(2):213-24.
92. Najar F, Nasehi M, Haeri-Rohani SA, Zarrindast MR. The involvement of medial septum 5-HT<sub>1</sub> and 5-HT<sub>2</sub> receptors on ACPA-induced memory consolidation deficit: possible role of TRPC3, TRPC6 and TRPV2. *J Psychopharmacol.* 2015;29(11):1200-8.
93. Khodayar E, Oryan S, Nasehi M, Zarrindast MR. Effect of nucleus accumbens shell 5-HT<sub>4</sub> receptors on the impairment of ACPA-induced emotional memory consolidation in male Wistar rats. *Behav Pharmacol.* 2016;27(1):12-21.
94. Khanegheini A, Nasehi M, Zarrindast MR. The modulatory effect of CA1 GABA<sub>B</sub> receptors on ketamine-induced spatial and non-spatial novelty detection deficits with respect to Ca<sup>2+</sup>. *Neuroscience.* 2015;305:157-68.
95. Nasehi M, Sharaf-Dolgari E, Ebrahimi-Ghiri M, Zarrindast MR. The hippocampal NMDA receptors may be involved in acquisition, but not expression of ACPA-induced place preference. *Prog Neuropsychopharmacol Biol Psychiatry.* 2015;63:83-90.
96. Nasehi M, Kafi F, Khakpai F, Zarrindast MR. Involvement of the serotonergic system of the ventral hippocampus (CA3) on amnesia induced by ACPA in mice. *Behav Brain Res.* 2015;286:356-63.
97. Nasehi M, Amin-Yavari S, Ebrahimi-Ghiri M, Torabi-Nami M, Zarrindast MR. The dual effect of CA1 NMDA receptor modulation on ACPA-induced amnesia in step-down passive avoidance learning task. *Eur Neuropsychopharmacol.* 2015;25(4):557-65.
98. Nasehi M, Tabatabaie M, Khakpai F, Zarrindast MR. The effects of CA1 5HT<sub>4</sub> receptors in MK801-induced amnesia and hyperlocomotion. *Neurosci Lett.* 2015;587:73-8.
99. Mohammadi M, Nasehi M, Zarrindast MR. Modulation of the effects of the cannabinoid agonist, ACPA, on spatial and non-spatial novelty detection in mice by dopamine D1 receptor drugs infused into the basolateral amygdala. *Behav Brain Res.* 2015;280:36-44.

100. Nasehi M, Ketabchi M, Khakpai F, Zarrindast MR. The effect of CA1 dopaminergic system in harmaline-induced amnesia. *Neuroscience*. 2015;285:47-59.
101. Hosseini N, Alaei H, Zarrindast MR, Nasehi M, Radahmadi M. Cholestasis progression effects on long-term memory in bile duct ligation rats. *Adv Biomed Res*. 2014;3:215.
102. Nasehi M, Jamshidi-Mehr M, Khakpai F, Zarrindast MR. Possible involvement of CA1 5-HT<sub>1B/1D</sub> and 5-HT<sub>2A/2B/2C</sub> receptors in harmaline-induced amnesia. *Pharmacol Biochem Behav*. 2014;125:70-7.
103. Rasekhi K, Oryan S, Nasehi M, Zarrindast MR. Involvement of the nucleus accumbens shell glutamatergic system in ACPA-induced impairment of inhibitory avoidance memory consolidation. *Behav Brain Res*. 2014;269:28-36.
104. Naseri MH, Hesami-Tackallou S, Torabi-Nami M, Zarrindast MR, Nasehi M. Involvement of the CA1 GABAA receptors in MK-801-induced anxiolytic-like effects: an isobologram analysis. *Behav Pharmacol*. 2014;25(3):197-205.
105. Nasehi M, Nasehi M, Rahmani-Nia F, Mirzaei B, Torabi-Nami M, Zarrindast MR. Swimming improves the emotional memory deficit by scopolamine via mu opioid receptors. *Physiol Behav*. 2014;128:237-46.
106. Chegini HR, Nasehi M, Zarrindast MR. Differential role of the basolateral amygdala 5-HT<sub>3</sub> and 5-HT<sub>4</sub> serotonin receptors upon ACPA-induced anxiolytic-like behaviors and emotional memory deficit in mice. *Behav Brain Res*. 2014;261:114-26.
107. Nasehi M, Mashaghi E, Khakpai F, Zarrindast MR. Suggesting a possible role of CA1 histaminergic system in harmaline-induced amnesia. *Neurosci Lett*. 2013;556:5-9.
108. Hosseini N, Nasehi M, Radahmadi M, Zarrindast MR. Effects of CA1 glutamatergic systems upon memory impairments in cholestatic rats. *Behav Brain Res*. 2013;256:636-45.
109. Nasehi M, Ahmadzadeh O, Rezayof A, Zarrindast MR. Does CA1 dopaminergic system play a role in cholestasis induced hypothermia? *Pathophysiology*. 2013;20(3):181-9.
110. Piri M, Rostampour M, Nasehi M, Zarrindast MR. Blockade of the dorsal hippocampal dopamine D1 receptors inhibits the scopolamine-induced state-dependent learning in rats. *Neuroscience*. 2013;252:460-7.
111. Nasehi M, Kafi F, Zarrindast MR. Differential mechanisms of opioidergic and dopaminergic systems of the ventral hippocampus (CA3) in anxiolytic-like behaviors induced by cholestasis in mice. *Eur J Pharmacol*. 2013;714(1-3):352-8.
112. Zarrindast MR, Tajik R, Ebrahimi-Ghiri M, Nasehi M, Rezayof A. Role of the medial septum cholinergic receptors in anxiogenic-like effects of nicotine. *Physiol Behav*. 2013;119:103-9.
113. Valizadegan F, Oryan S, Nasehi M, Zarrindast MR. Interaction between morphine and noradrenergic system of basolateral amygdala on anxiety and memory in the elevated plus-maze test based on a test-retest paradigm. *Arch Iran Med*. 2013;16(5):281-7.
114. Nasehi M, Piri M, Abbolhasani K, Zarrindast MR. Involvement of opioidergic and nitrenergic systems in memory acquisition and exploratory behaviors in cholestatic mice. *Behav Pharmacol*. 2013;24(3):180-94.
115. Ahmadi H, Nasehi M, Rostami P, Zarrindast MR. Involvement of the nucleus accumbens shell dopaminergic system in prelimbic NMDA-induced anxiolytic-like behaviors. *Neuropharmacology*. 2013;71:112-23.
116. Nasehi M, Amin Yavari S, Zarrindast MR. Synergistic effects between CA1 mu opioid and dopamine D1-like receptors in impaired passive avoidance performance induced by hepatic encephalopathy in mice. *Psychopharmacology (Berl)*. 2013;227(3):553-66.
117. Khakpai F, Zarrindast MR, Nasehi M, Haeri-Rohani A, Eidi A. The role of glutamatergic pathway between septum and hippocampus in the memory formation. *EXCLI J*. 2013;12:41-51.
118. Torabi-Nami M, Nasehi M, Zarrindast MR. *EXCLI J*. 2013;12:347-72.
119. Khakpai F, Nasehi M, Haeri-Rohani A, Eidi A, Zarrindast MR. Septo-hippocampo-septal loop and memory formation. *Basic Clin Neurosci*. 2013;4(1):5-23.
120. Yousefi B, Farjad M, Nasehi M, Zarrindast MR. Involvement of the CA1 GABAA receptors in ACPA-induced impairment of spatial and non-spatial novelty detection in mice. *Neurobiol Learn Mem*. 2013;100:32-40.



121. Nasehi M, Piri M, Abdollahian M, Zarrindast MR. Involvement of nitregeric system of CA1 in harmane induced learning and memory deficits. *Physiol Behav.* 2013;109:23-32.
122. Ebrahimi-ghiri M, Nasehi M, Rostami P, Mohseni-Kouchesfehiani H, Zarrindast MR. The effect of cholestasis on rewarding and exploratory behaviors induced by opioidergic and dopaminergic agents in mice. *Arch Iran Med.* 2012;15(10):617-24.
123. Piri M, Nasehi M, Shahab Z, Zarrindast MR. The effects of nicotine on nitric oxide induced anxiogenic-like behaviors in the dorsal hippocampus. *Neurosci Lett.* 2012;528(2):93-8.
124. Yousefi B, Nasehi M, Khakpai F, Zarrindast MR. Possible interaction of cholinergic and GABAergic systems between MS and CA1 upon memory acquisition in rats. *Behav Brain Res.* 2012;235(2):231-43.
125. Zarrindast MR, Nasehi M, Pournaghshband M, Yekta BG. Dopaminergic system in CA1 modulates MK-801 induced anxiolytic-like responses. *Pharmacol Biochem Behav.* 2012;103(1):102-10.
126. Piri M, Nasehi M, Asgariyan M, Zarrindast MR. Influence of nitric oxide agents in the dorsal hippocampus of mice on anxiogenic-like effect induced by histamine. *Pharmacol Biochem Behav.* 2012;102(3):391-9.
127. Khakpai F, Nasehi M, Haeri-Rohani A, Eidi A, Zarrindast MR. Scopolamine induced memory impairment; possible involvement of NMDA receptor mechanisms of dorsal hippocampus and/or septum. *Behav Brain Res.* 2012;231(1):1-10.
128. Zarrindast MR, Hoseindoost S, Nasehi M. Possible interaction between opioidergic and cholinergic systems of CA1 in cholestasis-induced amnesia in mice. *Behav Brain Res.* 2012;228(1):116-24.
129. Zarrindast MR, Piri M, Nasehi M, Ebrahimi-Ghiri M. Nitric oxide in the nucleus accumbens is involved in retrieval of inhibitory avoidance memory by nicotine. *Pharmacol Biochem Behav.* 2012;101(1):166-73.
130. Nasehi M, Sharifi S, Zarrindast MR. Involvement of the cholinergic system of CA1 on harmane-induced amnesia in the step-down passive avoidance test. *J Psychopharmacol.* 2012;26(8):1151-61.
131. Jamali-Raeufy N, Nasehi M, Zarrindast MR. Influence of N-methyl D-aspartate receptor mechanism on WIN55,212-2-induced amnesia in rat dorsal hippocampus. *Behav Pharmacol.* 2011;22(7):645-54.
132. Eslimi D, Oryan S, Nasehi M, Zarrindast MR. Effects of opioidergic systems upon anxiolytic-like behaviors induced in cholestatic rats. *Eur J Pharmacol.* 2011;670(1):180-5.
133. Zarrindast MR, Nasehi M, Piri M, Heidari N. Effects of cholinergic system of dorsal hippocampus of rats on MK-801 induced anxiolytic-like behavior. *Neurosci Lett.* 2011;505(2):65-70.
134. Nasehi M, Mafi F, Oryan S, Nasri S, Zarrindast MR. The effects of dopaminergic drugs in the dorsal hippocampus of mice in the nicotine-induced anxiogenic-like response. *Pharmacol Biochem Behav.* 2011;98(3):468-73.
135. Jamali-Raeufy N, Nasehi M, Ebrahimi-Ghiri M, Zarrindast MR. Cross state-dependency of learning between WIN55, 212-2 and scopolamine in rat dorsal hippocampus. *Neurosci Lett.* 2011;491(3):227-31.
136. Zarrindast MR, Nasehi M, Khansari M, Bananej M. Influence of nitric oxide agents in the rat amygdala on anxiogenic-like effect induced by histamine. *Neurosci Lett.* 2011;489(1):38-42.
137. Zarrindast MR, Navaeian M, Nasehi M. Influence of three-day morphine-treatment upon impairment of memory consolidation induced by cannabinoid infused into the dorsal hippocampus in rats. *Neurosci Res.* 2011;69(1):51-9.
138. Zarrindast MR, Naghdi-Sedeh N, Nasehi M, Sahraei H, Bahrami F, Asadi F. The effects of dopaminergic drugs in the ventral hippocampus of rats in the nicotine-induced anxiogenic-like response. *Neurosci Lett.* 2010;475(3):156-60.
139. Nasehi M, Piri M, Jamali-Raeufy N, Zarrindast MR. Influence of intracerebral administration of NO agents in dorsal hippocampus (CA1) on cannabinoid state-dependent memory in the step-down passive avoidance test. *Physiol Behav.* 2010;100(4):297-304.

140. Nasehi M, Piri M, Nouri M, Farzin D, Nayer-Nouri T, Zarrindast MR. Involvement of dopamine D1/D2 receptors on harmane-induced amnesia in the step-down passive avoidance test. *Eur J Pharmacol.* 2010;634(1-3):77-83.
141. Zarrindast MR, Nasehi M, Piri M, Bina P. Anxiety-like behavior induced by histaminergic agents can be prevented by cannabinoidergic WIN55,212-2 injected into the dorsal hippocampus in mice. *Pharmacol Biochem Behav.* 2010;94(3):387-96.
142. Nasehi M, Sahebgharani M, Haeri-Rohani A, Zarrindast MR. Effects of cannabinoids infused into the dorsal hippocampus upon memory formation in 3-days apomorphine-treated rats. *Neurobiol Learn Mem.* 2009;92(3):391-9.
143. Zarrindast MR, Nasehi M, Rostami P, Rezayof A, Fazli-Tabaei S. Repeated administration of dopaminergic agents in the dorsal hippocampus and morphine-induced place preference. *Behav Pharmacol.* 2005;16(2):85-92.