

PICTURE
PROFILE

IN THE NAME OF GOD
Curriculum Vitae (CV)

Mashhad University of Medical Sciences

Personal Information:

Name	Surname	Date of Birth	Nationality	Gender		Marital Status
				Male	Female	
Mahmoud	Hosseini	1970	Iranian			Married

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Educational Background: (last one first)

Degree	Field of Specialization	Name of Institution	City	Country	Received Date	Academic Rank
M.Sc	Physiology	Tehran University of Medical Sciences	Tehran	Iran	1999-2002	
Ph.D	Physiology	Isfahan University of Medical Sciences	Isfahan	Iran	2003- 2007	

Master Thesis:

Ph. D. Dissertation:

Administrative Positions:

Job Title	Place of Work	Date		Name of Institution
		From	To	
Assistant Professor	Department of Physiology, School of Medicine,	2007	2012	Mashhad University of Medical Sciences, Mashhad, Iran.
Associate Professor	Department of Physiology, School of Medicine,	2012	2017	Mashhad University of Medical Sciences, Mashhad, Iran.
Professor	Department of Physiology, School of Medicine,	2017	present	Mashhad University of Medical Sciences, Mashhad, Iran.

Master and Doctorate Theses Supervision:

No	Students Full Name	MS / Ph. D.	Title	Date

Publications: (books)

Title	Type of Work		Publisher	Date
	Translation	Compilation		

Publications: (papers)

Title of the Article	Journal	Websait journal	Date
Beneficial effect of aqueous garlic extract on the vascular reactivity of streptozotocin diabetic rats.	Journal of Ethnopharmacology		2003; 85: 139-144
Subchronic administration of Aqueous Garlic Extract Attenuates Alpha Adrenergic Agonist Induced Contraction of Isolated Aorta In Rat	Yakhteh Medical Journal		2003; 4(16):187-194
Effect of Aqueous garlic(<i>Allium Sativum</i>) Extract on Acetylcholine and Isosorbide-Induced Relaxation of Isolated Aorta In Rat	Iranian Biomedical Journal		2003;7(1): 23-27
Potentialiation of pentobarbital hypnosis by <i>Rosa damascena</i> in mice,	Indian J Exp Biol		2006: 44(1):910-12
The effect of Angiotensin II and captopril on expression of morphine withdrawal signs in rat	Iranian Journal of Pharmaceutiacal Research		2007;6(3):18 5-191
Effects of Angiotensin II and captopril on rewarding properties of morphine	Indian Journal Experimental Biology	http://nopr.niscair.res.in/handle/123456789/39	2007; 45:770-777
Effect of Morphine Self-Administration on Water and Food Intake in Rat.	Iranian Journal of Basic Medical Sciences	/http://ijbms.mums.ac.ir	2007;10(3):1 69-175
Angiotensin converting enzyme inhibitor captopril modifies conditioned place preference by induced morphine and morphine withdrawal signs in rat.	Pathophysiology journal		2007;14(1):5 5-60
Garlic extract reduces serum angiotensin converting enzyme (ACE) activity in nondiabetic and streptozotocin-diabetic rats.	Pathophysiology		2007; 14 (2) 109–112
Antinociceptive effect of <i>Rosa damascena</i> in mice	Journal of Biological		2008;8(1):17 6-180

	Sciences		
Effects of angiotensin II and captopril on morphine self-administration and withdrawal signs in rat.	International Journal of pharmacology		2008; 1-9
Serum zinc and copper levels in untreated epileptic patients.	Pharmacologyonline		2008; 2: 471-479.
Effect of losartan on conditioned place preference induced by morphine	Pharmacologyonline		2008; 3: 968-977
Effect of L- arginine, the nitric oxide precursor, on morphine tolerance in ovariectomized rats.	Pharmacologyonline		2009; 1: 891-902.
Comparison of antinociceptive effects of morphine between male and female rats	Pharmacologyonline18		2009; 2: 917-926
The effect of ptz - induced seizures on neuronal damage in amygdala of rats.	Pharmacologyonline20		2009; 3:560-566.
Effects of microinjection of angiotensin II and captopril to VTA on morphine self-administration in rats. 2009; 60 (3):241-252	Acta Biol Hung		2009; 60 (3):241-252
Prednisolone as a new approach for treatment of htlv-1 associated polyneuropathy. 2009; 25	Pak J Med Sci.		(1):142-145
Effects of microinjection of angiotensin II and captopril into nucleus accumbens on morphine self-administration in rats. Indian	J Exp Biol		2009;47:361-367.
The effect of L-arginine and L-NAME on pentylenetetrazole induced-seizures in ovariectomized rats, an in vivo study.	Seizure.		2009; 22:695–698
Treadmill exercise reduces self-administration of morphine in male rats	. Pathophysiology		2009;16(1):3-7.
The beneficial effects of olibanum on memory deficit induced by hypothyroidism in adult rats tested in Morris water maze. Arch	.Pharm Res		2010 Mar;33(3):463-8
The effect of repetitive spreading depression on neuronal damage in juvenile rat brain.	Neuroscience		2010;169(1): 388-94
The effect of L-Arginin on Morris water maze tasks of ovariectomized rats	Acta Physiol Hung		2010;97(2):216-23
Effect of Chronic Administration of L-Arginine on the Learning and Memory of Estradiol-Treated Ovariectomized Rats Tested in the Morris Water Maze	Clinics (Sao Paulo)		2010;65(8):803-7

Nitric oxide contributes in learning and memory deficit in offspring of hypothyroid female rats.	CLINICS		2010; 65(11):1-7.
Effects of occupational lead exposure on renal and nervous system of workers of traditional tile factories in Mashhad (northeast of Iran).	Toxicol Ind Health		2010; 26(9):633-8
Different effects of scopolamine on memory of young male and female rats.	Pharmacologyonline.		2010; 3: 450-458.
The effect of angiotensin ii icv injection on hr of ovariectomized hypertensive rats.	Pharmacologyonline.		2010;3: 346-353
Gender dependent difference in analgesic effect and tolerance to morphine in mice.	Pharmacologyonline		2010;3: 92-101
Effect of berberine on pentylenetetrazol-induced seizures in rats.	Avicenna J Phytomed	/http://ajp.mums.ac.ir	2011; 1(2):78-82
The Effect of Hydro-Alcoholic Extract of Citrus Flower on Pentylenetetrazole and Maximal Electroshock-Induced Seizures in Mice	World Applied Sciences Journal		2011; 15 (8): 1104-1109
The effect of chronic administration of L-arginine and L-NAME on morphine-induced antinociception in ovariectomized rats. 2011;43(5):541-545	Indian J Pharmacol		2011;43(5):541-545
Bone marrow derived mesenchymal stem cell transplantation in cerebellar degeneration: A behavioral study .	Behav Brain Res		2011;225(1): 63-70
Chronic treatment with the nitric oxide synthase inhibitor, l-MAME, attenuates estradiol-mediated improvement of learning and memory in ovariectomized rats.	CLINICS		2011;66(4):1-7.
Neuroprotective effects of mesenchymal stem cell transplantation in animal model of cerebellar degeneration.	Neurol Res		2011;33(9):913-20
Different effects of L-arginine on morphine tolerance in sham and ovariectomized female mice.	. J Zhejiang Univ Sci B		2011; 12(12):1016-1023.
. Inducible nitric oxide synthase inhibitor aminoguanidine, differently affects Morris water maze tasks of ovariectomized and naïve female rats.	Acta Physiol Hung.		2011;98(4):421-32
Different responses of nitric oxide	Pathophysiology		2011;

synthase inhibition on morphine-induced antinociception in male and female rats.			18:143–149.
The effect of soy extract on pentylenetetrazole-induced seizures in ovariectomized rat.	Zhong Xi Yi Jie He Xue Bao		2011;9(6):61 1-8.
Effects of different extracts of Rosa damascena on pentylenetetrazol-induced seizures in mice.	Zhong Xi Yi Jie He Xue Bao		2011; 9(10): 1118-1124
Chronic Treatment by L-NAME differently Affects Morris Water Maze Tasks in Ovariectomized and Naïve Female Rats..	Basic Clin Neurosci		2011; 2(4): 47-52
The effects of olibanum administered to methimazole-treated dams during lactation on learning and memory of offspring rats. Nat Prod Res.	Nat Prod Res.		2012 ;26(16):1544 -8
Different effects of scopolamine on learning, memory, and nitric oxide metabolite levels in hippocampal tissues of ovariectomized and Sham-operated rats.	Arq Neuropsiquiatr.		2012;70(6):4 47-52
Therapeutic Benefit of Intravenous Administration of Human Umbilical Cord Blood-Mononuclear Cells Following Intracerebral Hemorrhage in Rat	Iran J Basic Med Sci.	/http://ijbms.mums.ac.ir	2012 ;15(3):860- 72.48
Anticonvulsant and neuroprotective effects of Pimpinella anisum in rat brain.	BMC Complement Altern Med.		2012;12:76
Optimal incubating time of in vitro bromodeoxyuridine labeling of human umbilical cord blood-mononuclear cells and their functional assessment in ICH rats.	Journal of Cell and Animal Biology		2012; 6(9): 144-153.
Decreased nitric oxide levels in the hippocampus may play a role in learning and memory deficits in ovariectomized rats treated by Arq a high dose of estradiol.	Neuropsiquiatr		2012;70(11): 874-9
Lifelong physical activity affects mini mental state exam scores in individuals over 55 years of age.	Journal of Bodywork & Movement Therapies		2012; 16: 230-235
Role of cuneiform nucleus in regulation of sympathetic vasomotor tone in rats.	Pathophysiology		2012 Jun;19(3):15 1-5.
The effects of Nigella sativa hydro-alcoholic extract and	J Pharm Bioallied Sci.		2012 Jul;4(3):219-

thymoquinone on lipopolysaccharide - Induced depression like behavior in rats.			25
Effect of Aqueous Extract of Crocus sativus L. on Morphine-Induced Memory Impairment.	Adv Pharmacol Sci		2012;2012:494367. doi: 10.1155/2012/494367.
Effects of different extracts of Eugenia caryophyllata on pentylenetetrazole-induced seizures in mice.	Zhong Xi Yi Jie He Xue Bao		2012 Dec;10(12):1476-81.
Estrogen-dependent effect of soy extract on pentylenetetrazole-induced seizures in rats.	Zhong Xi Yi Jie He Xue Bao		2012 Dec;10(12):1470-6.
Nigella sativa extract affects conditioned place preference induced by morphine in rats.	Anc Sci Life.		2012 Oct;32(2):82-8. doi: 10.4103/0257-7941.118537.
Protective Effect of L-Arginine against Oxidative Damage as a Possible Mechanism of its Beneficial Properties on Spatial Learning in Ovariectomized Rats.	Basic Clin Neurosci		2012; 3(5):36-44
Antihyperglycemic and Antioxidant Activity of Crocin in Streptozotocin-Induced Diabetic Rats.	J Med Food.		2013 ;16 (3) : 1-5.
Intravenous administration of human umbilical cord blood-mononuclear cells dose-dependently relieve neurologic deficits in rat intracerebral hemorrhage model.	Ann Anat		2013;195(1):39-49.
Contribution of estradiol in sex-dependent differences of pentylenetetrazole-induced seizures in rats.	Acta Physiol Hung		2013 23:1-9.
Brain tissue oxidative damage as a possible mechanism for the deleterious effect of a chronic high dose of estradiol on learning and memory in ovariectomized rats.	Arq Neuropsiquiatr.		2013;71(5):313-9.
Pharmacological study of cholinergic system on cardiovascular regulation in the cuneiform nucleus of rat.	Neurosci Lett.		2013;549:12-7. doi: 10.1016/j.neulet.2013.05.046.
Glucosamine alleviates scopolamine induced spatial	Pathophysiology.		2013 Sep;20(4):26

learning and memory deficits in rats.			3-7. doi: 10.1016/j.pat hophys.2013.04.003.
Tamoxifen mimics the effects of endogenous ovarian hormones on repeated seizures induced by pentylenetetrazole in rats.	Exp Neurobiol		2013 Jun;22(2):116-23. doi: 10.5607/en.2013.22.2.116
Effect of inhaled fluticasone and salmeterol on tracheal responsiveness and lung inflammation: Influence of administration time and allergen-free period.	Indian J Med Sci		2013;67(3-4):78-88.
Analgesic effect of the aqueous and ethanolic extracts of clove.	Avicenna J Phytomed.	http://ajp.mums.ac.ir/	2013;3(2):186-92
The effect of hydroalcoholic extract of Coriandrum sativum on rat appetite.	Avicenna J Phytomed.	http://ajp.mums.ac.ir/	2013 ;3(1):91-7.
Antioxidant effect of Achillea wilhelmsii extract on pentylenetetrazole (seizure model)-induced oxidative brain damage in Wistar rats.	Indian J Physiol Pharmacol		2013; 27(4):418-424
Effects of Chronic 5-Bromo-2-Deoxyuridine Administration on Spatial Memory in the Adult Rats.	Zahedan Journal of Research in Medical Sciences		2013, 15(5): 22-24
Hydroalcoholic extract of Coriandrum sativum had no effect on ghrelin hormone in rat.	Journal of Medicinal Plants Studies		2014, Volume: 2, Issue: 2: 147-150. ISSN: 2320-3862
The effect of adipose derived stromal cells on oxidative stress level, lung emphysema and white blood cells of guinea pigs model of chronic obstructive pulmonary disease.	Daru		2014;22(1):26
Effect of Fluticasone and Salmeterol on Tracheal Responsiveness to Ovalbumin and Lung Inflammation, Administrated during and after Sensitization.	Scientific World Journal		2014 19; 2014:865292.
Maternal exposure to titanium dioxide nanoparticles during pregnancy; impaired memory and decreased hippocampal cell proliferation in rat offspring..	Environ Toxicol Pharmacol		2014;37(2):617-625. doi: 10.1016/j.eta p.2014.01.014.
Effect of Nigella sativa on immune response in treadmill exercised rat.	BMC Complement Altern Med.		2014 Nov 7;14:437. doi: 10.1186/1472

			-6882-14-437.
Evaluation of immune response after moderate and overtraining exercise in wistar rat.	Iran J Basic Med Sci	/http://ijbms.mums.ac.ir	2014 Jan;17(1):1-8.
Pregnancy level of estrogen attenuates experimental autoimmune encephalomyelitis in both ovariectomized and pregnant C57BL/6 mice through expansion of Treg and Th2 cells.	J Neuroimmunol.		2014 Dec 15;277(1-2):85-95.
The effects of Valeriana officinalis L. hydro-alcoholic extract on depression like behavior in ovalbumin sensitized rats.	J Pharm Bioallied Sci		2014 Apr;6(2):97-103
Mechanism of vasorelaxation induced by Achillea wilhelmsii in rat isolated thoracic aorta.	Adv Biomed Res		2014 Mar 14;3:91
The effects of soy extract on spatial learning and memory damage induced by global ischemia in ovariectomised rats.	Malays J Med Sci.		2014 May;21(3):19-30.
The role for nitric oxide on the effects of hydroalcoholic extract of Achillea wilhelmsii on seizure..	Avicenna J Phytomed	/http://ajp.mums.ac.ir	2014 Jul;4(4):251-9.
Brain Tissues Oxidative Damage as a Possible Mechanism of Deleterious Effects of Propylthiouracil- Induced Hypothyroidism on Learning and Memory in Neonatal and Juvenile Growth in Rats.	Basic Clin Neurosci		Autumn 2014 . Volume 5. Number 4. 285-294.
Protective role of endogenous ovarian hormones against learning and memory impairments and brain tissues oxidative damage induced by lipopolysaccharide.	Iran Red Crescent Med J	/http://ircmj.com	2014;16(3):e13954. doi: 10.5812/ircmj.13954. Epub 2014 Mar 5.
The role of local renin-angiotensin system on high glucose-induced cell toxicity, apoptosis and reactive oxygen species production in PC12 cells.	Iran J Basic Med Sci.	/http://ijbms.mums.ac.ir	2014 Aug;17(8):613-21
Effects of the hydro-alcoholic extract of Nigella Sativa on scopolamine-induced spatial memory impairment in rats and its possible mechanism.	Chin J Integr Med		2015 Jun;21(6):438-44. doi: 10.1007/s11655-014-1742-5.
Protection against brain tissues oxidative damage as a possible mechanism for the beneficial effects of Rosa damascena	Nutr Neurosci		2015 Oct;18(7):329-36. doi: 10.1179/1476

hydroalcoholic extract on scopolamine induced memory impairment in rats.			830514Y.0000000137
Tamoxifen antagonizes the effects of ovarian hormones to induce anxiety and depression-like behavior in rats.	Arq Neuropsiquiatr		2015 Feb;73(2):132-9. doi: 10.1590/0004-282X20140221.
Effects of the hydro-alcoholic extract of <i>Nigella sativa</i> on scopolamine-induced spatial memory impairment in rats and its possible mechanism.	Chin J Integr Med		2015 Jun;21(6):438-44. doi: 10.1007/s11655-014-1742-5.
Effects of melatonin and theanine administration on pentylentetrazole-induced seizures and brain tissue oxidative damage in ovariectomized rats.	Turk J Med Sci.		2015; 45: 842-849
The Effects of <i>Nigella Sativa</i> Hydro-alcoholic Extract on Memory and Brain Tissues Oxidative Damage after Repeated Seizures in Rats.	Iran J Pharm Res.		2015 Spring;14(2): 547-57.
The effect of angiotensin-converting enzyme inhibition on inflammatory and angiogenic factors in hypercholesterolemia.	Pharmacol Rep		2015 Oct;67(5):837-41. doi: 10.1016/j.pharep.2015.01.008.
The effects of tamoxifen and soy on dark neuron production in hippocampal formation after pentylentetrazole-induced repeated seizures in rats.	Pathophysiology		2015 Jun;22(2):125-35.
Deletion of ovarian hormones induces a sickness behavior in rats comparable to the effect of lipopolysaccharide.	Neurol Res Int		2015; 2015: 627642. doi: 10.1155/2015/627642
Beneficial Effects of <i>Teucrium polium</i> and Metformin on Diabetes-Induced Memory Impairments and Brain Tissue Oxidative Damage in Rats.	Int J Alzheimers Dis.		2015;2015:493729. doi: 10.1155/2015/493729.
The Analgesic Effects of Different Extracts of Aerial Parts of <i>Coriandrum Sativum</i> in Mice	Int J Biomed Sci		2015 March; 11(1): 23–28
Effects of hydroalcoholic extract	Iran J Neurol.		2015 Apr

of <i>Coriandrum sativum</i> on oxidative damage in pentylenetetrazole-induced seizures in rats.			4;14(2):59-66.
Anticonvulsant and neuroprotective effects of <i>Rosa damascena</i> hydro-alcoholic extract on rat hippocampus.	Avicenna J Phytomed.	http://ajp.mums.ac.ir/	2015 May-Jun;5(3):260-70.
The effect of hydro-alcoholic extract of <i>Artemisia absinthium</i> on appetite in male rats.	Avicenna J Phytomed.	http://ajp.mums.ac.ir/	2015 Mar-Apr;5(2):78-83.
Effect of hydro-alcoholic extract of <i>Rosa damascena</i> on cardiovascular responses in normotensive rat.	Avicenna J Phytomed.	http://ajp.mums.ac.ir/	2015 Jul-Aug;5(4):319-24.
Effects of hydroalcoholic extract of <i>Coriandrum sativum</i> on oxidative damage in pentylenetetrazole-induced seizures in rats.	Iran J Neurol.		2015 Apr 4;14(2):59-66.
Neuronal nitric oxide synthase has a role in the detrimental effects of lipopolysaccharide on spatial memory and synaptic plasticity in rats.	Pharmacol Rep.		2016 Apr;68(2):243-9. doi: 10.1016/j.pharep.2015.09.004.
Feeding of <i>Nigella sativa</i> during neonatal and juvenile growth improves learning and memory of rats.	J Tradit Complement Med.		2015 Jan 17;6(2):146-52. doi: 10.1016/j.jtcm.2014.11.039.
The effects of <i>Nigella sativa</i> on neural damage after pentylenetetrazole induced seizures in rats.	J Tradit Complement Med.		2015 Aug 11;6(3):262-8. doi: 10.1016/j.
Valproic acid-mediated inhibition of trimethyltin-induced deficits in memory and learning in the rat does not directly depend on its anti-oxidant properties.	Ir J Med Sci.		2016 Feb;185(1):75-84. doi: 10.1007/s11845-014-1224-y.
Beneficial Effect of Leptin on Spatial Learning and Memory in Streptozotocin-Induced Diabetic Rats.	Balkan Med J.		2016 Jan;33(1):102-7. doi: 10.5152/balkanmedj.2015.15084.
The effects of exposure to titanium dioxide nanoparticles during lactation period on learning and memory of rat	Toxicol Ind Health		2016 Feb;32(2):221-8. doi: 10.1177/0748

offspring.			233713498440.(1.555).
Inducible nitric oxide inhibitor aminoguanidine, ameliorates deleterious effects of lipopolysaccharide on memory and long term potentiation in rat.	Life Sci		2016 Jun 21. pii: S0024-3205(16)30375-7. doi: 10.1016/j.lfs.2016.06.019.
The effects of captopril on lipopolysaccharide induced learning and memory impairments and the brain cytokine levels and oxidative damage in rats.	Life Sci		2016 Oct 26. pii: S0024-3205(16)30628-2. doi: 10.1016/j.lfs.2016.10.026
Interaction of central Angiotensin II and estrogen on systolic blood pressure in female DOCA-salt treated rats.	Adv Biomed Res		2016 Apr 21;5:78. doi: 10.4103/2277-9175.180990
The effects of different fractions of Coriandrum sativum on pentylenetetrazole-induced seizures and brain tissues oxidative damage in rats.	Avicenna J Phytomed.	/http://ajp.mums.ac.ir	2016 Mar-Apr;6(2):223-35.
The effects of Nigella sativa on sickness behavior induced by lipopolysaccharide in male Wistar rats.	Avicenna J Phytomed.	/http://ajp.mums.ac.ir	2016 Jan-Feb;6(1):104-16.
Neuropharmacological effects of Nigella sativa. Review	Avicenna J Phytomed	/http://ajp.mums.ac.ir	2016 Jan-Feb;6(1):104-16.
Lipopolysaccharide-Induced Spatial Memory and Synaptic Plasticity Impairment Is Preventable by Captopril.	Adv Med		2016;2016:7676512.
Protection against brain tissues oxidative damage as a possible mechanism for improving effects of low doses of estradiol on scopolamine-induced learning and memory impairments in ovariectomized rats.	Adv Biomed Res		2016 Jul 29;5:123. doi: 10.4103/2277-9175.186981.
Protective Effect of PPAR γ Agonists on Cerebellar Tissues Oxidative Damage in Hypothyroid Rats.	Neurol Res Int.		2016;2016:1952561. doi: 10.1155/2016/1952561.
Administration of Ethanolic Extract of Ocimum Basilicum Leaves Attenuates Depression	Current Nutrition & Food Science,		2016, 12, 72-78.

Like Behavior in the Rats Sensitized by Ovalbumin.			
Immunomodulatory effect of characterized extract of Zataria multiflora on Th1, Th2 and Th17 in normal and Th2 polarization state.	Food Chem Toxicol.		2017 Jan;99:119-127. doi: 10.1016/j.fct.2016.11.019.
The effects of Nigella sativa extract on hypothyroidism-associated learning and memory impairment during neonatal and juvenile growth in rats.	Nutr Neurosci.		2017 Jan;20(1):49-59. doi: 10.1179/1476830514Y.0000000144
The Effects of Hydroalcoholic Extract of Pinus eldarica on Hippocampal Tissue Oxidative Damage in Pentylentetrazole-Induced Seizures in Rat.	Current Nutrition & Food Science,		2017 February, Volume 13, Number 1: 50-56(7).
Beneficial effects of garlic on learning and memory deficits and brain tissue damages induced by lead exposure during juvenile rat growth is comparable to the effect of ascorbic acid.	Drug Chem Toxicol.		2016 Jul 7:1-9. [Epub ahead of print]

Publications (Conference Full Papers)

Title of the Article	Title and Place	Websait conference	Date
The Effect of Olibanum Administered to Methimazole-treated Dams during Lactation on Learning and Memory of Offspring Rats.	Annual Research Congress of Iranian Medical Sciences Student, Bandar Abbas-Iran		April 20-23. Page 16
Different Effects of L-Arginine on Morphine Tolerance in Sham and Ovariectomized Rats	Annual Research Congress of Iranian Medical Sciences Student, Bandar Abbas-Iran		April 20-23. Page 16
Effects of microinjection of Ang II and captopril into NAC on morphine self-administratio in rats,	Iranian Pharmaceutical sciences congress		
The Effect of Olibanum Administered to Methimazole-treated Dams during Lactation on Learning and Memory of Offspring Rats.	Annual Research Congress of Iranian Medical Sciences Student, Bandar Abbas-Iran		April 20-23. Page 16.
Different Effects of L-	Annual Research		April 20-23 page 82.

Arginine on Morphine Tolerance in Sham and Ovariectomized Rats	Congress of Iranian Medical Sciences Student, Bandar Abbas-Iran		
The effect of L-arginine and L-NAME on pentylenetetrazole induced seizures in ovariectomized rats.	The First International Epilepsy Congress.?		10-13 December 2010.
Ethanollic extract of <i>Pimpinella anisum</i> attenuates dark neuron production in pentylenetetrazol-induced seizures in rat.	The First International Epilepsy Congress.?		10-13 December 2010.
The effect of L-arginine and L-NAME on pentylenetetrazole induced seizures in ovariectomized rats .	The First International Epilepsy Congress.?		10-13 December 2010, page 181.
Ethanollic extract of <i>Pimpinella anisum</i> attenuates dark neuron production in pentylenetetrazol-induced seizures in rat.	The First International Epilepsy Congress.?		10-13 December 2010, page 72.
Can Mesenchymal Stem Cell Ameliorate Motor Dysfunction in Cerebellar Degeneration?.	Royan International Congres on Stem Cell Biology and Technology. Tehran-Iran.		15-17 2010. Yakhteh, Vol 12, Suplement 1, Summer 2010, Abstract book. Page 28
Effects of estrogen on experimental autoimmune encephalomyelitis in C57BL/6 Ovariectomized mice.	12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad-Iran		Septemebr, 6-9, 2011, Clinical biochemistry, Volume 44, number 13S, 2011, Page S 57
Protective effect against oxidative damage as a possible mechanism of beneficial properties of L-Arginine on spatial learning of ovariectomized rats.	12th Iranian Cong Clinical biochemistry		Volume 44, number 13S, 2011, Page S 233
Methimazole - induced hypothyroidism during lactation affects brain nitric oxide levels in offspring rats.	12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology,		Septemebr, 6-9, 2011, Clinical biochemistry, Volume 44, number 13S, 2011, Page S 168

	Mashhad-Iran		
The acetylcholine esterase activity inhibition as a possible mechanism for beneficial effects of <i>Nigella sativa</i> on memory.,	12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad-Iran		Septemebr, 6-9, 2011, Clinical biochemistry, Volume 44, number 13S, 2011, Page S 349
The effects of a high dose of estradiol on nitric oxide level in brain tissues and learning of ovariectomized rats .	12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad-Iran		Septemebr, 6-9, 2011, Clinical biochemistry, Volume 44, number 13S, 2011, Page S 167
Effect of incubation time on the in vitro labeling of umbilical cord blood hematopoietic stem cells with bromodeoxyuridine (BrdU).	12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad-Iran		Septemebr, 6-9, 2011, Clinical biochemistry, Volume 44, number 13S, 2011, Page S 153
The beneficial effects of <i>Nigella Sativa</i> on memory and depression in rats. abstract boock,	13th International Symposium on Natural Product Chemistry (ISNPC-13), Pakistan, .Kerachi		22-25 Sept 2012
Chronic treatment with the nitric oxide synthase inhibitor, L-NAME, attenuates estradiol-mediated improvement of learning and memory in ovariectomized rats.	21 st International Iranian Congress of Physiology and Pharmacology, Tabriz University of Medical Sciences		23- 27 Agust 2013
<i>Teucrium polium</i> L. relaxes the isolated rat thoracic aorta through endothelium-dependent and - independent mechanisms.	21 st International Iranian Congress of Physiology and Pharmacology, Tabriz University of Medical Sciences		23- 27 Agust 2013
The effects of Estradiol, Genistein and Soy extract on dark neurons production in the hippocampus and dentate gyrus of ovariectomized rats after repeated seizures.	21 st International Iranian Congress of Physiology and Pharmacology, Tabriz University of Medical Sciences		23- 27 Agust 2013
The effect of soy extract on brain tissues oxidative damage in pantylenetetrazole induced seizure in rat.	21 st International Iranian Congress of Physiology and Pharmacology, Tabriz University of Medical Sciences		23- 27 Agust 2013

The effects of hypothyroidism during lactation on learning, memory and brain tissues oxidative damage in offspring's rats.	21 st International Iranian Congress of Physiology and Pharmacology, Tabriz University of Medical Sciences		23- 27 Agust 2013
The beneficial effects of Teucrium polium on diabetic memory impairment in rats.	21 st International Iranian Congress of Physiology and Pharmacology, Tabriz University of Medical Sciences		23- 27 Agust 2013
The effects of Nigella Sativa hydro-alcoholic extract on, learning and memory after repeated seizures in rats.	21 st International Iranian Congress of Physiology and Pharmacology, Tabriz University of Medical Sciences		23- 27 Agust 2013
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International Refereed Conferences:

Title of the Article	Title and Place	Date

National Refereed Conferences:

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Awards, Honorary Degrees, Medals:

Title	Presented by	Country	Date

Membership to Scientific Associations:

Name of Institution /Association	Country	Date

Activities:

Animal surgeries like stereotaxic brain cannulation
Learning and memory studies like Morris Water Maze
Animals models of seizures and memory impairments
Behavioral studies in animals models
Field potential recording(LTP)

Research Interests:

Study the mechanisms of neurodegeneration and neuroprotection in dementia and Alzheimer’s disease.
Study the effects of medicinal plants on learning and memory, pain and seizures
Study the mechanisms of neurodegeneration and neuroprotection in neurological disorders (stroke, Parkinson, Multiple sclerosis & epilepsy)
Study the mechanisms of learning and memory
Study the mechanism of pain and analgesia

Study the physiologic effects of sleep
Neuropharmacology
Neuroendocrinology