

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	
Mohammad Naser	Shafei	1968	Iranian			Married

Telephone			Fax	Email
Home	Office	Mobile		
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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	Kerman University of Medical Sciences	Kerman	Iran	1998-2001	
Ph.D	Physiology	Isfahan University of Medical Sciences	Isfahan	Iran	2005- 2010	

Master Thesis:

Ph. D. Dissertation:

Administrative Positions:

Job Title	Place of Work	Date		Name of Institution
		From	To	
Assistant Professor	Department of Physiology, faculty of Medicine	2011	2016	Mashhad University of Medical Sciences, Mashhad, Iran.
Associate Professor	Department of Physiology, Faculty of Medicine	2016	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
Dose-dependent antinociceptive response of morphine microinjected into the nucleus cuneiformis and effect of inactivation of this area on pain modulation in rat.	koomesh		2003; 4 (1): 9-21.
Effect of aqueous extracts from <i>Nigella sativa</i> on guinea pig isolated heart	Indian J Exper Biol		2005; 43(7): 635-639
Effect of hydro-ethanolic extracts of <i>Berberis vulgaris</i> fruit on rabbit isolated heart.	Daru		2006; 14(4): 208-213.
Effect of cuneiformis nucleus inactivation by lidocaine microinjection on the analgesic response of morphine in rats. Iran Biomed J	Iranian Biomedical Journal		2006; 10(1): 21-26
The inactivation effect of Kolliker—Fuse nucleus on long cardiovascular response of L- glutamate in cuneiform nucleus of rat	J North Khorasan Unive Med Sci		2011; 3(1:7): 63-68.
Pharmacological Effects of <i>Rosa Damascena</i> .	Iranian Journal of Basic Medical Sciences		2011, 14(4): 295–307.
Effect of glutamate stimulation of the cuneiform nucleus on cardiovascular regulation in anesthetized rats: Role of the pontine Kolliker-Fuse nucleus..	Brain Res		2011; 1385: 135-143
Antidepressant - like effect of aqueous extract from <i>Rosa damascena</i> in mice.	Avicenna J Phytomed	/	2011; 1(2): 91-97.
Effect of reversible inactivation of the kolliker - fuse nucleus on basal blood pressure and heart rate in anesthetized rat	Bas Clin Neurosci		2011, 3(1), 5-9.

Role of cuneiform nucleus in regulation of sympathetic vasomotor tone in rats.	Pathophysiology		2012; 19(3): 151-5
Nigella sativa extract affects conditioned place preference induced by morphine in rats.	Anc Sci Life		2012; 32(2): 82-88.
Glutamate injection into the cuneiform nucleus in rat, produces correlated single unit activities in the kolliker-fuse nucleus and cardiovascular responses..	Neuroscience		2012; 223: 439-446
The effects of olibanum administered to methimazole-treated dams during lactation on learning and memory of offspring rats. (Short .communication)	Natural Product Research		2012; 26(16): 1544-8
Evaluation of antidepressant effect of ethanolic extract of Rosa damascene: using forced swimming test.	. Avicenna J Phytomed		2012; 2(1): 46-51
Effects of increased blood pressure induced by phenylephrine on Morris water maze tasks in male and female rats	. J North Khorasan Unive Med Sci		2012; 4(3):363-371.
Effect of aqueous fraction of Nigella sativa on percentage of live cells in human renal carcinoma cell line (ACHN) and normal human renal epithelial cells (GP-293).	J North Khorasan Unive Med Sci		2013; 5(3): 585-592.
The effect of hydro-ethanolic extract of Achillea millefolium on muscarinic receptors of guinea pig tracheal smooth muscle.	Indian Journal of Pharmacology		2013; 45(1): 13-17.
Pharmacological study of cholinergic system on cardiovascular regulation in the cuneiform nucleus of rat.	Neurosci Lett		2013; 549: 12-17.
Investigation of apoptosis in a canine model of chronic heart failure induced by tachycardia	Acta Physiol Hung		. 2013; 100(4): 435-44.
Effect of aqueous fraction of Rosa damascena on ileum contractile response of guinea pigs.	Avicenna J Phytomed		2013; 3(3): 248-53..
The Effects of Hydroalcoholic Extract of Teucrium polium L. on Hypertension Induced by Angiotensin II in Rats	Int J Prev Med		. 2014; 5(10): 1255-60.
Determination of allelopathic potential in some medicinal and wild plant species of Iran by dish packs	Theor Exp Plant Physiol		2014; 26 (3-4): 189-199

method.			
Involvement of β -adrenergic receptor of nucleus tractus solitarius in changing of baroreflex sensitivity by estrogen in female rats..	Adv Biomed Res		2014; 3: 83
Effect of Hydro-Alcoholic Extract of <i>Nigella sativa</i> on Gastric Acid and Mucus Secretion in Cyclooxygenase Inhibition Condition in Rats.	Quart Horizon Med Sci		2014; 20(2): 109-13.
The Effects of <i>Nigella Sativa</i> Hydro-alcoholic Extract on Memory and Brain Tissues Oxidative Damage after Repeated Seizures in Rats	Iranian Journal of Pharmaceutical Research		. 2015; 14 (2): 547-557
The effects of L-arginine on spatial memory and synaptic plasticity impairments induced by lipopolysaccharide	Adv Biomed Res		. 2015; 4: 202.
Effect of total hydroalcoholic extract of <i>Nigella sativa</i> and its n-hexane and ethyl acetate fractions on ACHN and GP-293 cell lines.	J Tradit Complement Med		2015; 6(1): 89-96.
Feeding of <i>Nigella sativa</i> during neonatal and juvenile growth improves learning and memory of rats.	J Tradit Complement Med		2015; 6(2): 146-152.
Effect of hydro-alcoholic extract of <i>Rosa damascena</i> on cardiovascular responses in normotensive rat.	Avicenna J Phytomed		2015; 5(4): 319–324.
The Analgesic Effects of Different Extracts of Aerial Parts of <i>Coriandrum Sativum</i> in Mice	International journal of Biomedical science		2015; 11(1): 23–28.
Neuronal nitric oxide synthase has a role in the detrimental effects of lipopolysaccharide on spatial memory and synaptic plasticity in rats.	Pharmacol Rep		2016; 68(2): 243-249.
Interaction of central Angiotensin II and estrogen on systolic blood pressure in female DOCA-salt treated rats.	Adv Biomed Res		2016; 5: 78.
Adriamycin-induced oxidative stress is prevented by mixed hydro-alcoholic extract of <i>Nigella sativa</i> and <i>Curcuma longa</i> in rat kidney.	Avicenna J Phytomed		2016; 6(1): 86-94.

The effects of Nigella sativa on sickness behavior induced by lipopolysaccharide in male Wistar rats.	. Avicenna J Phytomed		2016; 6(1): 104-16
The effects of Nigella sativa extract on hypothyroidism-associated learning and memory impairment during neonatal and juvenile growth in rats.	Nutr Neurosci		2017; 20(1): 49-59.

Publications (Conference Full Papers)

Title of the Article	Title and Place	Websait conference	Date
Nucleus Cuneiformis and pain modulation.	8th Biennial Conference, Pakistan Physiological Society. , Pakistan, multan		March 11-12, 2002

International Refereed Conferences:

Title of the Article	Title and Place	Date

National Refereed Conferences:

Title of the Article	Title and Place	Date

Awards, Honorary Degrees, Medals:

Title	Presented by	Country	Date

Membership to Scientific Associations:

Name of Institution /Association	Country	Date

Activities:

Microinjection in_ animal nuclei by stereotaxic method
Study the role of Cholinergic ,GABAergic and Glutamatergic systems of different brain nuclei in cardiovascular regulation

Animals models of acute hypertension

Research Interests:

Study the mechanisms of Central cardiovascular regulation

Electrophysiology (single unit recording) and LTP

Neuropharmacology

Study the effects of medicinal plants on blood pressure
