

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	
Mosa-Al-Reza	hadjzadeh	21/3/1953	Iranian	*		married

Telephone			Fax	Email
Home	Office	Mobile		
051-37616907	051-38002221	09155251855	051-38828564	hajzadehmr@mums.ac.ir

Educational Background: (last one first)

Degree	Field of Specialization	Name of Institution	City	Country	Received Date	Academic Rank
MD	medical	Ferdowsi university	Mashhad	Iran	1981	
MSc	Medical physiology	UCL	London	England	1987	
Ph.D	Medical physiology	UCL	London	England	1991	

Master Thesis:

Ph. D. Dissertation: Effects of maternal hypothyroxinemia on the expression of biochemical functions in the CNS of the adult progeny

Administrative Positions:

Job Title	Place of Work	Date		Name of Institution
		From	To	
Head of School	Nursing & Midwifery School	1997	2000	Mashhad university of medical sciences
Head of School	Health & Paramedical sciences school	2000	2001	Mashhad university of medical sciences
Head of Research	Bu-Ali Research center	2001	2002	Mashhad university of medical sciences
Head of Department	physiology Department	2002	2009	Mashhad university of medical sciences
University professor	physiology Department	2009	2017	Mashhad university of medical sciences

Master and Doctorate Theses Supervision:

No	Students Full Name	MS / Ph. D.	Title	Date
۳۲۶ آ	Kaveh Shahveysi	Ph. D		
۵۸۷ آ	Vajiheh Alikhani	MS		
	Nooshin Hashemi	MS		
1098	Zahra Hajzadeh	Ph. D		
	Parichehr Hayat Davoudi	Ph. D		

Publications: (books)

Title	Type of Work		Publisher	Date
	Translation	Compilation		
The Al-zahr Avi surgery		*	Center for Studies and Research Medical Ethics	1995

Publications: (papers)

Title of the Article	Journal	Websait journal	Date
1)Interaction of central Angiotensin II and estrogen on systolic blood pressure in female DOCA-salt treated rats.	Adv Biomed Res.		2016
2)Beneficial Effect of Leptin on Spatial Learning and Memory in Streptozotocin-Induced Diabetic Rats.	Balkan Med J		2016
3)The protective effect of Nigella sativa against cisplatin-induced nephrotoxicity in rats.	Avicenna J Phytomed		2016
4)Renal injury, nephrolithiasis and Nigella sativa: A mini review.	Avicenna J Phytomed		2016 Jan-Feb
5)A Short Review on Albucasis Achievements in Dentistry based on His Book: Al-Tasrif li man Ajaz an-il-Talif.	J Res His Med		2015
6) Effect of exogenous leptin on serum levels of lipids, glucose, renal and hepatic variables in both genders of obese and streptozotocin-induced diabetic rats.	Iran J Basic Med Sci		2015
7) Antihyperglycemic and antihyperlipidemic effects of hydroalcoholic extract of Securigera securidaca seeds in streptozotocin-induced diabetic rats.	Adv Biomed Res		2015
8) The effect of melatonin on gastric parameters following diabetes induction in male rats.	Acta Endo (Buc)		2015
9) Effects of Hydroalcoholic Extract of Watercress (Nasturtium	Indian J Physiol Pharmacol.		2015

Officinale) Leaves on Serum Glucose and Lipid Levels in Diabetic Rats.			
10) Effects of Securigera securidaca Extract on Lipolysis and Adipogenesis in Diabetic Rats.	Cholesterol		2014
11) The protective role of estrogen and progesterone on gastric tissue following gastric ischemia - Reperfusion in male rats.	J Zanzan Univ Med Sci Health Services		2014
12) Effect of Nigella sativa on ischemia-reperfusion induced rat kidney damage.	Iran J Basic Med Sci		2014
13) The effects of co-administration of opium and morphine with nicotine during pregnancy on spatial learning and memory of adult male offspring rats.	Iran J Basic Med Sci		2014
14) 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		2014
15) Effects of melatonin on biochemical factors and food and water consumption in diabetic rats.	Adv Biomed Res		2014
16) The Effects of Aqueous Extract of Alpinia Galangal on Gastric Cancer Cells (AGS) and L929 Cells in Vitro.	Iran J Cancer Prev		2014
17) 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		2014
18) Effects of Vaccinium arctostaphylos on Lipolysis and Adipogenesis in Diabetic Rats.	Res Opin Anim Vet Sci		2014
19) The Effects of Soy Extract on Spatial	Malays J Med Sci		2014

Learning and Memory Damage Induced by Global Ischemia in Ovariectomised Rats.			
20) Protective Role of Endogenous Ovarian Hormones Against Learning and Memory Impairments and Brain Tissues Oxidative Damage Induced by Lipopolysaccharide.	Iran Red Crescent Med J		2014
21) Effects of fenugreek seeds on adipogenesis and lipolysis in normal and diabetic rats.	J Biol Sci		2014
22) Effect of aqueous extract of Rheum ribes on cisplatin-induced nephrotoxicity in rat.	J Pharm Bioall Sci		2013
23) Antihyperglycemic and antioxidant activity of crocin in streptozotocin-induced diabetic rats.	J Med Food		2013
24) Proinsulin C-Peptide Inhibits Lipolysis in Diabetic Rat Adipose Tissue Through Phosphodiesterase-3B Enzyme.	Horm Metab Res		2013
25) Effect of maternal gestational diabetes on rat's offspring.	J North Khorasan Univ Med Sci		2012
26) The effect of metformin on serum lipid levels in hyperglycemic pregnant rats and their newborns.	J North Khorasan Univ Med Sci		2012
27) Alcea rosea root extract as a preventive and curative agent in ethylene glycol-induced urolithiasis in rats.	Indian J Pharmacol		2012
28) Effect of alcoholic extract of Nigella sativa on cisplatin-induced toxicity in rat.	Iran J Kidney Dis		2012
29) Antihyperglycemic and antihyperlipidemic effects of guar gum on streptozotocin-induced diabetes in male rats.	Pharmacogn Mag		2012
30) Antihyperglycemic Effect of Asafoetida (Ferula assafoetida Oleo-Gum-Resin) in	WASJ		2012

Streptozotocin-induced Diabetic Rats.			
31) Comparison of the beneficial effects of guar gum on lipid profile in hyperlipidemic and normal rats.	J Med Plants Res		2012
32) The Effect of Verjuice on Serum Lipid Levels in Mice Rendered Atherosclerosis	JBAPN		2011
33) Inducible nitric oxide synthase inhibitor aminoguanidine, differently affects Morris water maze tasks of ovariectomized and naïve female rats.	Acta Physiol Hung		2011
34) The preventive effect of N-butanol fraction of Nigella sativa on ethylene glycol-induced kidney calculi in rats.	Pharmacogn Mag		2011
35) The Beneficial Effect of Cynodon Dactylon Fractions on Ethylene Glycol-Induced Kidney Calculi in Rats.	Urol J		2011
36) The effect of salvia officinalis leaf extract on blood glucose in streptozotocin-diabetic rats.	Pharmacologyonline		2011
37) Reduction of serum cholesterol in hypercholesterolemic rats by Guar gum.	Avicenna J Phytomed		2011
38) Preventive effect of Cynodon dactylon against ethylene glycol-induced nephrolithiasis in male rats.	Avicenna J Phytomed		2011
39) Effects of Rat C-peptide-II on Lipolysis and Glucose Consumption in Cultured Rat Adipose Tissue.	Exp Clin Endocrinol Diabetes		2011
40) Different responses of nitric oxide synthase inhibition on morphine-induced antinociception in male and female rats.	Pathophysiology		2011
41) Type-1 Diabetes Induces Depot-Specific Alterations in Adipocyte Diameter and Mass of	Exp Clin Endocrinol Diabetes		2010

Adipose Tissues in the Rat			
42) The effect of angiotensin II ICV injection on HR of ovariectomized hypertensive rats.	Pharmacologyonline		2010
43) The 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
44) Nitric oxide contributes to learning and memory deficits observed in hypothyroid rats during neonatal and juvenile growth.	Clinics (Sao Paulo)		2010
45) The beneficial effects of olibanum on memory deficit induced by hypothyroidism in adult rats tested in Morris water maze.	Arch Pharm Res		2010
46) The effect of Larginin on morris warwe maze taske of ovariectmized rat.	Acta Physiol Hung		2010
47) The effect of repetitive spreading depression on neuronal damage in juvenile rat brain.	Neuroscience		2010
48) The effect of L-Arginin on Morris water maze tasks of ovariectomized rats.	Acta Physiol Hung		2010
49) Comparison of antinociceptive effects of morphine between male and female rats.	Pharmacologyonline		2009
50) The effect of n-butanol fraction and n-butanol phase remnant from 50% aqueous- ethanolic extract of cyndon dactylon on calcium oxalate kidney stones i rat.	Phcog Res		2009
51) The effect of aqueous extract of nigellasativa l. seeds in streptozocin induced diabetic rat.	Pharmacologyonline		2008
52) Evaluation of <i>serum</i> Zinc and Copper.	Med J Mashhad Univ Med Sci		2008
53) Serum zinc and copper levels in untreated epileptic patients.	Pharmacologyonline		2008

54) Effect of Thymoquinone on Ethylene glycol-induced kidney calculi in rats.	Urol J		2008
55) The effect of alcoholic and aqueous extracts of plantago lanceolata L. on burned skin in rat	Pharmacologyonline		2008
56) The Prevalance of Hypercholesterolemia in Middle-Aged and Elderly Population in Mashhad And its Relation to Hypothyroidism.	Med J Mashhad Univ Med Sci		2007
57) Antiproliferative property of aqueous extract of garlic on human larynx tumour and non-tumour mouse fibroblast cell lines.	AJMH		2007
58) Ethanolic extract of nigella sativa L seeds on ethylene glycol-induced kidney calculi in rats.	Urol J		2007
59) Ethanolic extract of Allium sativum has antiproliferative effect on Hep2 and L929 cell lines	Pharmacognosy Magazine		2006

Publications (Conference Full Papers)

Title of the Article	Title and Place	Websait conference	Date
Effect of barberry fruit (Berberis vulgaris) on serum glucose and lipids in streptozotocin-diabetic rats.	Clinical Biochemistry		September 2011
Effect of food restriction and postprandial hyperglycemia control on dyslipidemia in diabetic rats.	Clinical Biochemistry		September 2011
Acute action of Nigella sativa ethanolic-aqueous extract on clearance tests in renal ischemic-reperfusion model in the rat	Clinical Biochemistry		September 2011
Acute effects of Nigella-Sativa ethanolic-aqueous extract on serum parameters in renal ischemic-reperfusion model in the rat	Clinical Biochemistry		September 2011
Cytotoxicity and apoptosis induced by a constituent of Crocus sativus on human lung	Clinical Biochemistry		September 2011

adenocarcinoma cells.			
Preventive effect of Nigella sativa aqueous-ethanolic extract on cisplatin-induced nephrotoxicity in the rat kidney	Clinical Biochemistry		September 2011
The effects of sex, insulin therapy and food restriction on the lipid profile in streptozotocin induced diabetic rats.	20 th Iranian congress of physiology & Pharmacology		
Effect of barberry fruit (Berberis vulgaris) on lipid peroxidation level in the liver of hyperglycemic rats.	20 th Iranian congress of physiology & Pharmacology		
Effect of nigella sativa aqueous-ethanolic extract on kidney function in cisplatin-induced nephrotoxicity in the rat.	20 th Iranian congress of physiology & Pharmacology		
Effect of Nigella sativa aqueous-ethanolic extract on renal oxidative stress followed cisplatin induced nephrotoxicity in the rat.	20 th Iranian congress of physiology & Pharmacology		
Effect of Nigella sativa ethanolic-aqueous extract on genomic and oxidative injury following renal ischemic-reperfusion in the rat.	20 th Iranian congress of physiology & Pharmacology		
Effects of metformin on insulin in hyperglycemic pregnant rats.	20 th Iranian congress of physiology & Pharmacology		
effect of melatonin on diabetic neuropathy in 9 STZ – Lnduced diabetic rats.	BASIC and clinical neuro science congress Tehran.razi convention center		2012
Effect of Nigella sativa aqueous-alcoholic extract on renal pathology and oxidative stress in cisplatininduced nephrotoxicity in the rat	21 st international Iranian congress of physiology and pharmacology Tabriz university medical		2013
The effect of Cynodon dactylon decoction on ethylene glycol-induced nephrolithiasis in rat	21 st international Iranian congress of physiology and pharmacology Tabriz university medical		2013
Effect of Nigella sativa aqueous-alcoholic extract on cisplatin-induced nephrotoxicity in the rat	21 st international Iranian congress of physiology and pharmacology Tabriz university medical		2013

Comparison of behavioral dysfunctions induced by lipopolysaccharide in ovariectomized and sham operated rats	21 st international Iranian congress of physiology and pharmacology Tabriz university		2013
The Effect of Plantago major Aqueous-Ethanollic Extract on Cisplatin-Induced Nephrotoxicity in the Rat	21 st international Iranian congress of physiology and pharmacology Tabriz university		2013
Effects of Maternal Gestational Diabetes on rats offspring	21 st international Iranian congress of physiology and pharmacology Tabriz university		2013
The effect of Cynodone Dactylon decoction on Ca-oxalate urolithiasis and comparison of calculus prevalence in right and left kidney in male rat	21 st international Iranian congress of physiology and pharmacology Tabriz university		2013
Antihyperglycemic and antihyperlipidemic effects of securigera securidaca extract in streptozotocin-induced diabetic rats	21 st international Iranian congress of physiology and pharmacology Tabriz university		2013
Effects of securigera securidaca extract on Lipolysis in streptozotocin-induced diabetic rats.	21 st international Iranian congress of physiology and pharmacology Tabriz university		2013
The Effect of 10 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.
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.
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.
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		2013
Comparison of behavioral	21 st international Iranian		2013

dysfunctions induced by lipopolysaccharide in ovariectomized and sham operated rats	congress of physiology and pharmacology Tabriz university		

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
Buali second Festival	Mosa-Al-Reza Hadjzadeh	Iran	2005
Amir-Al- Moemenin Festival	Mosa-Al-Reza Hadjzadeh	Iran	

Membership to Scientific Associations:

Name of Institution /Association	Country	Date
Medical Council	IRAN	

Activities:

Research Interests:

Endocrine physiology: Diabetes and thyroid disease
Kidney physiology: Urinary stones
Research on medicinal plants and traditional medicine in Iran