

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	
Majid	Khazaei	Sep 1973	Iranian	✓		Married

Telephone			Fax	Email
Home	Office	Mobile		
	00985138002227	09155618595		khazaeim@mums.ac.ir

Educational

Background:

(last

one

first)

Degree	Field of Specialization	Name of Institution	City	Country	Received Date	Academic Rank
PhD	Physiology	Isfahan University of Medical Sciences	ISFAHAN	IRAN	2005	18.50
MD	Medicine	Mashhad University of Medical Sciences	MASHHAD	IRAN	1998	18.07

Master Thesis:

Ph.D. Dissertation: The effect of estrogen on endothelial permeability, serum vascular endothelial growth factor and nitric oxide concentrations in normal and ovariectomized rats

Administrative

Positions:

Job Title	Place of Work	Date		Name of Institution
		From	To	
Assistant Professor of Physiology	Department of Physiology	2005	2010	Isfahan University of Medical Sciences
Associate Professor of Physiology	Department of Physiology	2010	2013	Isfahan University of Medical Sciences
Professor of Physiology	Department of Physiology	2015	now	Mashhad University of Medical Sciences

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Master and Doctorate Theses Supervision:

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

Publications: (books)

Title	Type of Work		Publisher	Date
	Translation	Compilation		
Clinical Physiology			Research Center in Medical University of Mashhad	2017
Principles of Physiology and Biochemistry of endocrine system				2016

Publications:

(papers)

Title of the Article	Journal	Website journal	Date
Therapeutic Potential of Targeting PI3K/AKT Pathway in Treatment of Colorectal Cancer	Journal of Cell Biochem	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-4644	2017
Interferon-mediated Tumor Resistance to Oncolytic Virotherapy	Journal of Cell Biochem	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-4644	2017
Therapeutic Potential of Targeting Wnt/ β -catenin Pathway in Treatment of Colorectal Cancer: Rational and Progress	Journal of Cell Biochem	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-4644	2017
Therapeutic Potential of Curcumin in Treatment of Pancreatic Cancer: Current Status and Future Perspectives	Journal of Cell Biochem	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-4644	2017
Targeted Stroma in Pancreatic Cancer: Promises and Failures of Target Therapies	Journal of Cell Physiology	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-4652/issues	2017
C-Met as a Potential Target for the Treatment of Gastrointestinal Cancer: Current Status and Future Perspectives	Journal of Cell Physiology	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-4652/issues	2017
Lipopolysaccharide-Induced Spatial Memory and Synaptic Plasticity Impairment Is Preventable by Captopril	Advances in Medicine	https://www.hindawi.com/journals/advmed/	2017
The Effect of Nigella sativa on inflammation-induced myocardial fibrosis in male rats	Research in Pharmaceutical Sciences	http://rps.mui.ac.ir/index.php/jrps	2017
Myocardial capillary density after neuropeptide Y antagonist administration in normal and obese C57BL6 mice	Advanced Biomedical Journal	http://www.advbiores.net	2016
From obesity to cancer: possible mechanisms	Cell biochemistry & function	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1099-0844	2016
Obesity and inflammation: role of	Journal of	http://jims.mui.ac.ir/index.php/jims	2016

adipokines. Review	Isfahan Medical School		
Adipokines and their role in chronic kidney disease	Journal of Nephrology	http://www.nephrothol.com/	2016
Chronic low-grade inflammation: etiology and its effects	Journal of Isfahan Medical School	http://jims.mui.ac.ir/index.php/jims	2016
Inflammation and angiogenesis: role of inflammatory cells and mediators	Journal of Isfahan Medical School	http://jims.mui.ac.ir/index.php/jims	2016
Co-administration of walnut (<i>Juglans regia</i>) prevents systemic hypertension induced by long-term use of dexamethasone: a promising strategy for steroid consumers	Pharmaceutical Biology	http://www.tandfonline.com/loi/iphb20	2016
Neuropharmacological effects of <i>Nigella sativa</i>	Avicenna J Phytomed	http://ajp.mums.ac.ir	2016
Serum inflammatory markers in obese mice: effect of ghrelin	Advanced Biomedical Research	http://www.advbiores.net	2015
Effect of resistance training on capillary density in slow and fast twitch muscle fibers in diabetic and normal rats	Asian J Sports Med	http://asjsm.tums.ac.ir/index.php/asjsm	2015
Effect of peroxisome proliferator-activated receptor γ (PPAR- γ) on inflammatory markers	ARYA Atherosclerosis	http://arya.mui.ac.ir/index.php/arya	2015
N-Acetylcysteine, ascorbic acid, and methylene blue for the treatment of aluminium phosphide poisoning: Still beneficial?	Toxicol Int	http://www.toxicologyinternational.com	2015
Inflammation in Metabolic Syndrome: Role of Adipose Tissue	J Isfahan Med	http://jims.mui.ac.ir/index.php/jims	2015
leptin: angiogenic or antiangiogenic	Advanced Biomedical Research	http://www.advbiores.net	2015
Gamma-secretase inhibitor does not modulate angiogenesis in colon adenocarcinoma in obese mice	Bratisl Lek Listy	http://www.elis.sk/index.php?page=s hop.browse&category_id=88&option=com_virtuemart&Itemid=	2015
Effect of blockade of neuropeptide Y receptor on Aortic Intima-Media Thickness and Adipose Tissue Characteristics in Normal and Obese Mice	Iranian Journal of Basic Medical Sciences	http://ijbms.mums.ac.ir	2015
Effect of blocking of neuropeptide Y Y2 receptor on tumor angiogenesis and progression in normal and diet-induced obese C57BL/6 mice	Global Journal of Health Science	http://www.ccsenet.org/journal/index.php/gjhs	2015
Effect of aminoguanidine, an inducible nitric oxide inhibitor, on cardiovascular responses and survival time during blood loss: a study in normotensive and DOCA-Salt hypertensive rats	Applied and basic Medical Research	http://www.ijabmr.org	2015
Systemic administration of ghrelin did not restore angiogenesis in hindlimb ischemia in control and diet-induced obese mice	Bratislava Medical journal	http://www.elis.sk/index.php?page=s hop.browse&category_id=88&option=com_virtuemart&Itemid=1	2015
γ -secretase inhibitor, DAPT, does not modulate angiogenesis in colon	Bratislava Medical Journal	http://www.elis.sk/index.php?page=s hop.browse&category_id=88&optio	2015

adenocarcinoma in Balb/C obese mice		n=com_virtuemart&Itemid=1	
Moderate replacement of carbohydrates by dietary fats affects features of metabolic syndrome: A randomized crossover clinical trial	Nutrition	https://www.journals.elsevier.com/nutrition	2014
Effect of Peroxisome Proliferator-Activated Receptors on Cardiac Remodeling in Normal and Diabetic Rats	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2014
Alterations of plasma nitric oxide, vascular endothelial growth factor and soluble form of its receptor (sFlt-1) after resistance exercise: an experimental study	Advanced Biomedical Research	http://www.advbiores.net	2014
Effect of proxisome proliferator-activated receptors agonists on serum inflammatory markers in diabetic rats	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2014
Changes of serum angiogenic biomarkers and their correlations with serum leptin concentration: A study in diet-induced obese mice	Bratislava Medical Journal	http://www.elis.sk/index.php?page=s hop.browse&category_id=88&option=com_virtuemart&Itemid=1	2014
Limbs' postischemic revascularization is not improved by losartan treatment in diabetic rats	Endocrine regulations	https://www.degruyter.com/view/j/enr	2014
Evaluation of Medical Students' Satisfaction Toward the Physiology Exam Using Educational Pictures and Movies in comparison with Multiple Choice Tests Isfahan University of Medical Sciences	Jondishapoor education Research	http://journals.ajums.ac.ir/journalInfo.php?rQV===AfAhDQ6QWSsFGdy9GUsFmbyV3bq9Iz8BEMApDZJ52bpR3Yh9IZ	2014
Ghrelin does not modulate angiogenesis in matrigel plug in normal and diet-induced obese mice	Journal of Research in Medical Sciences	http://jrms.mui.ac.ir/index.php/jrms	2013
Effect of DAPT, a gamma secretase inhibitor, on tumor angiogenesis in control mice	Advanced Biomedical Research	http://www.advbiores.net	2013
Serum Asymmetric dimethylarginine in two models of experimentally induced hypertension	ISRN Hypertension	https://www.hindawi.com/journals/isrn/contents/isrn.hypertension	2013
. Effects of DAPT on Serum Vascular Endothelial Growth Factor and Its Soluble Receptor in Obese Balb/c Mice	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2013
Evaluation of the coronary angiogenesis during DOCA-salt induced hypertension and its reversal to normal in rat	Pakistan Journal of Medical Sciences	http://www.pjms.com.pk/index.php/pjms	2013
Correlations between Serum Leptin and Nitric Oxide Concentrations in Obese and Control Balb/c Mice	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2013
Systemic Ghrelin Administration Alters Serum Biomarkers of Angiogenesis in Diet-Induced Obese Mice	International Journal of Peptides	https://www.hindawi.com/journals/ijpep	2013
Effect of Resistance Training on Plasma Nitric Oxide and Asymmetric Dimethylarginine Concentrations in Type I Diabetic Rats	International Journal of Preventive Medicine	http://www.ijpm.mui.ac.ir/index.php/ijpm	2013
Changes of Serum Inflammatory Markers after Gamma-Secretase Inhibitor Administration Mice	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2013

The relationship between inflammatory markers, angiogenesis, and obesity	ARYA Atherosclerosis	http://arya.mui.ac.ir	2013
The effect of L-arginine and L-NAME on myocardial capillary density in normal rats	Advanced Biomedical Research	http://www.advbiores.net	2013
Diabetic retinopathy and vascular endothelial growth factor	Journal of Research in Medical Sciences	http://jrms.mui.ac.ir/index.php/jrms	2013
Ghrelin Does not Alter Aortic Intima-Media Thickness and Adipose Tissue Characteristics in Control and Obese Mice	Iranian Journal of Basic Medical Sciences	http://ijbms.mums.ac.ir/	2013
Comparative Effects of Carbohydrate versus Fat Restriction on Serum Levels of Adipocytokines, Markers of Inflammation, and Endothelial Function among Women with the Metabolic Syndrome: A Randomized Cross-Over Clinical Trial	Annals of Nutrition & Metabolism	http://www.karger.com/Journal/Home/223977	2013
Myocardial capillary density in normal and diabetic male rats: Effect of bezafibrate	Research in Pharmaceutical Sciences	http://rps.mui.ac.ir	2013
Hemodynamic responses and serum nitrite concentration during uncontrolled hemorrhagic shock and resuscitation in normotensive and hypertensive rats	Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub	http://biomed.papers.upol.cz	2012
Rosiglitazone enhances neovascularization in diabetic rat ischemic hindlimb model	Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub	http://biomed.papers.upol.cz	2012
A Review on Angiogenesis and Its Assays	Iranian Journal of Basic Medical Sciences	http://ijbms.mums.ac.ir	2012
Imbalance of Angiogenesis in Diabetic Complications: The Mechanisms	International Journal of Preventive Medicine	http://www.ijpm.mui.ac.ir/index.php/ijpm	2012
Chronic low-grade inflammation after exercise: controversies	Iranian Journal of Basic Medical Sciences	http://ijbms.mums.ac.ir	2012
Role of Fenofibrate in Restoring Angiogenesis in Diabetic and Control Hind Limb Ischemic Rats	General Physiology and Biophysics	http://www.gpb.sav.sk	2012
Effect of experimentally induced metabolic acidosis on aortic endothelial permeability and serum nitric oxide concentration in normal and high-cholesterol fed rabbits	Archives of Medical Sciences	http://www.termedia.pl/Journal/Archives_of_Medical_Science-19	2012
Effect of L-Arginine and L-NAME on coronary angiogenesis in male diabetic rats	Journal of Research in Medical sciences	http://jrms.mui.ac.ir/index.php/jrms	2012
Role of peroxisome proliferator-activated receptor β agonist on angiogenesis in hindlimb ischemic diabetic rats	Journal of Diabetes and its Complications	https://www.journals.elsevier.com/journal-of-diabetes-and-its-complications	2012
Role of exogenous nitric oxide donor in the treatment of decompensated hemorrhagic	J. Biomedicine and	https://www.hindawi.com/journals/bmri/2001/762515/abs	2012

shock in normotensive and hypertensive rats	Biotechnology		
Pan-PPAR agonist, bezafibrate, restores angiogenesis in hindlimb ischemia in normal and diabetic rats	International Journal of Peptides	https://www.hindawi.com/journals/ijpep	2012
Effect of chronic L-Arginine supplementation on prevention of aortic fatty streak formation in normal and high-cholesterol fed rabbits	Acta Physiologica Hungarica	http://www.akademai.com/loi/036	2012
Obesity and angiogenesis	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2012
Effect of losartan on capillary density in cardiac muscles of diabetic rats	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2012
Changes of plasma angiogenic factors during chronic resistance exercise in type I diabetic rats	Pakistan Journal of Medical Sciences	http://www.pjms.com.pk/index.php/pjms	2012
Effects of moderately-restricted carbohydrate diet on cardiovascular risk factor among women with metabolic syndromes	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2012
The effects of resistance training on plasma angiogenic factors in normal rats	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2012
Fenofibrate, a peroxisome proliferator-activated receptor α improves myocardial capillary density in diabetic rats	Pakistan Journal of Medical Association	http://www.pjms.com.pk/index.php/pjms	2012
Morphine and angiogenesis in hypertensive animals	Iranian Journal of Basic Medical Sciences	http://ijbms.mums.ac.ir/	2012
Comparing the long-term retention of a physiology course for medical students with the traditional and problem-based learning	Advances in Health Sciences Education	https://link.springer.com/journal/10459	2012
Leptin enhances melanoma tumor growth by increasing endothelial progenitor cells	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2012
Protective role of selective nitric oxide synthase inhibitor for treatment of decompensated hemorrhagic shock in normotensive and hypertensive rats	International Journal of Preventive Medicine	http://www.ijpm.mui.ac.ir/index.php/ijpm	2012
Changes of serum nitric oxide concentration in different stages of traumatic brain edema	Novin Cares		2012
Acute phase reactant dynamics and incidence of microvascular dysfunctions in type II diabetes mellitus	Journal of Research in Medical Sciences	http://jrms.mui.ac.ir/index.php/jrms	2011
Effects of diabetes on myocardial capillary density and serum angiogenesis biomarkers in male rats	Clinics	http://www.clinics.org.br/	2011
Role of GW0742, a PPAR β/δ on coronary angiogenesis in control and diabetic rats	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2011
Effects of iran and vitamin E on endothelial permeability of aorta and coronary arteries in rabbits on a high-cholesterol diet	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2011
Angiogenesis in health and disease: Role of vascular endothelial growth factor (VEGF)	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2011

	School		
Effect of Rosiglitazone on coronary angiogenesis in diabetic and control rats	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2011
Effect of hypertension on hemodynamic response and serum nitrite concentration during graded hemorrhagic shock in rats	Journal of Research in Medical Sciences	http://jrms.mui.ac.ir/index.php/jrms	2011
Coronary angiogenesis during experimental hypertension: is it reversible	Journal of Research in Medical Sciences	http://jrms.mui.ac.ir/index.php/jrms	2011
Effect of Hypertension and its reverse on Serum Nitric Oxide Concentration and Vascular Permeability in Two-Kidneys One-Clip Hypertensive Rats	General Physiology and Biophysics	http://www.gpb.sav.sk	2011
Restoration of Angiogenesis by enalapril in Diabetic Hindlimb Ischemic Rats	Biomedical papers	http://biomed.papers.upol.cz	2011
Ovarian autotransplantation without vascular pedicle on the region of the neck in female rats	Journal of Isfahan Medical School	http://jrms.mui.ac.ir/index.php/jims1/index	2011
The effect of maintenance and reversal of DOCA-Salt hypertension on extravasation of macromolecules and serum nitric oxide concentration in male rats	Pathophysiology	https://www.journals.elsevier.com/pathophysiology	2011
Leptin promotes melanoma tumor growth in mice related to increasing circulating endothelial progenitor cells numbers and plasma NO production	Journal of Experimental and Clinical Cancer Research	https://jccr.biomedcentral.com	2011
Medical Students' Viewpoints toward Clinical Physiology Presentation in Isfahan University of Medical Sciences	Iranian Journal of Medical Education	https://ijme.mui.ac.ir	2011
. Effects of Integrating Physiology Lessons to Clinical and Para-Clinical Findings on Medical Students' Attitude and Motivation toward Physiology Lesson	Iranian Journal of Medical Education	https://ijme.mui.ac.ir	2011

Publications (Conference Full Papers)

Title of the Article	Title and Place	Websait conference	Date

International Refereed Conferences:

Title of the Article	Title and Place	Date
Role of peroxisome proliferator-activated receptor beta agonist on myocardial capillary density and angiogenesis in hindlimb ischemic diabetic rats	World Congress of Cardiology, Dubai, United Arab Emirate	2012

Title of the Article	Title and Place	Date
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Evaluation of the coronary angiogenesis during DOCA-Salt induced hypertension and its reverse to normal in rat	21 st Congress of Physiology & Pharmacology. Tabriz, Iran	2013
Effect of DAPT a gamma secretase inhibitor on tumor angiogenesis in control mice	21 st Congress of Physiology & Pharmacology. Tabriz, Iran	2013
The effect of maintenance and reversal of DOCA-Salt hypertension on extravasation of macromolecules and serum nitric oxide concentrations in male rats	21 st Congress of Physiology & Pharmacology. Tabriz, Iran	2013
Serum asymmetric dimethylarginine (ADMA) concentrations in two models of experimentally-induced hypertension	21 st Congress of Physiology & Pharmacology. Tabriz, Iran	2013
Ghrelin does not alter angiogenic response in vivo in control and diet-induced obese mice	21 st Congress of Physiology & Pharmacology. Tabriz, Iran	2013
Hemodynamic responses and serum nitric oxide concentration during uncontrolled hemorrhagic shock in normotensive and hypertensive rats	21 st Congress of Physiology & Pharmacology. Tabriz, Iran	2013
Changes of plasma angiogenic factors during chronic resistance exercise in type I diabetic rats	21 st Congress of Physiology & Pharmacology. Tabriz, Iran	2013
Serum levels of soluble vascular endothelial growth factor receptors in male diabetic rats	21 st Congress of Physiology & Pharmacology. Tabriz, Iran	2013
Medical student's viewpoints toward the physiology exam using educational pictures and movies in Isfahan university of Medical sciences	Isfahan-karbala conference on medical education	2013
Effect of rosiglitazone on coronary angiogenesis in normal and diabetic rats	20 th Iranian congress of Physiology and Pharmacology, Hamadan, Iran.	2011
Role of PPAR β receptor on angiogenesis in hindlimb ischemia in normal and diabetic rats	20 th Iranian congress of Physiology and Pharmacology, Hamadan, Iran.	2011
Effect of hypertension on hemodynamic responses and serum nitrite concentration in graded hemorrhagic shock in rats	20 th Iranian congress of Physiology and Pharmacology, Hamadan, Iran.	2011
Coronary angiogenesis during experimental hypertension: is it reversible?	20 th Iranian congress of Physiology and Pharmacology, Hamadan, Iran.	2011
Effect of diabetes on capillary density in skeletal muscle and serum angiogenic factors in rats	20 th Iranian congress of Physiology and Pharmacology, Hamadan, Iran.	2011
Effect of experimentally-induced metabolic acidosis on aortic	20 th Iranian congress of Physiology and Pharmacology, Hamadan, Iran.	2011

endothelial permeability in normal and hypercholesterolemic rabbits		

Awards,

Honorary

Degrees,

Medals:

Title	Presented by	Country	Date
Top researcher in Isfahan University of Medical Sciences	Isfahan University of Medical Sciences	Iran	2013

Membership

to

Scientific

Associations:

Name of /Association Institution	Country	Date

Activities:

Research Interests:

Endothelium and angiogenesis in health and diseases: Focus on cancer