

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	
Maryam	Mahmoudabady	1975	Iranian		*	Married, with two kids

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	+98 513 8002225	+989153166494	+98 513 8828564	mahmoudabadym@mums.ac.ir

Educational Background: (last one first)

Degree	Field of Specialization	Name of Institution	City	Country	Received Date	Academic Rank
PhD in Medical Sciences	physiology	ULB	Brussels	Belgium	2009	
DEA in Biomedical Sciences	Biomedical	ULB	Brussels	Belgium	2006	
Doctor of Medicine (M.D)	General	Mashhad University of Medical Sciences (MUMS)	Mashhad	Iran	2001	

Master Thesis: Involvement of cardiomyocytes apoptosis in a canine model of chronic heart failure induced by tachycardia

Ph. D. Dissertation: Modulation of growth factors and cell cycle regulatory molecules in experimental cardiomyopathy

Administrative Positions:

Job Title	Place of Work	Date		Name of Institution
		From	To	
Associate professor	Mashhad, Iran	2017	to date	Department of Physiology, Faculty of Medicine, Mashhad University of Medical Sciences
Assistant professor	Mashhad, Iran	2010	2017	Department of Physiology, Faculty of Medicine, Mashhad University of Medical Sciences
General medicine	Mashhad, Iran	2003	2004	private office
General practitioner	Neyshabour, Iran	2001	2003	Emergency Unit

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Master and Doctorate Theses Supervision:

No	Students Full Name	MS / Ph. D.	Title	Date
1	Narges Kazemi	MS	The effect of angiotensin converting enzyme inhibition on serum vascular endothelial growth factor and nitric oxide concentrations and gene expression level of VCAM-1 and its relations to aortic endothelial permeability in normocholesterolemic and hypercholesterolemic male rats	1393/10/04
2	Malihe lashkari	MS	The effects of hydroalcoholic extract of Achillea wilhelmsii on oxidative stress injury during ischemic-reperfusion in isolated rat heart	1393/12/13
3	Milad Haghshenas	MS	The effects of hydroalcoholic extract of Teucrium polium L. on cardiac function and oxidative stress injury during ischemic-reperfusion in isolated rat heart	1394/10/02
4	Faezeh talebian	MS	The effects of hydroalcoholic extract of Teucrium polium L. on apoptosis induced by ischemic-reperfusion in isolated rat heart	1395/11/27
5	Mina Ghoreishi	MS	The protective effects of pharmacologic post-conditioning of hydroalcoholic extract of Nigella Sativa on functional activities and oxidative stress injury during ischemic-reperfusion in isolated rat heart	
6	Soleyman bafadam	MS	The effect of Trigonella foenum-graceum seed (Fenugreek) oxidative hydroalcoholic extract on stress, apoptosis and gene expression ICAM-1 in of Bax, BCl-2 and alloxan-induced diabetic rat heart	
5				
6				

Publications: (books)

Title	Type of Work		Publisher	Date
	Translation	Compilation		
Modulation of growth factors in experimental cardiomyopathy		*	Lambert Academic, Germany	2010

Publications: (papers)

Title of the Article	Journal	Website journal	Date
Nigella Sativa Improve Redox Homeostasis in Heart and Aorta of Diabetic Rat	Curr Nutr Food Sci	http://benthamscience.com/journals/current-nutrition-and-food-science/#top	2016
Nigella sativa seed	Avicenna J	www.ajp.mums.ac.ir/journal	2016

decreases endothelial dysfunction in streptozotocin-induced diabetic rat aorta	Phytomed		
The effects of hydroalcoholic extract of Nigella sativa seed on oxidative stress in hippocampus of STZ-induced diabetic rats	Avicenna J Phytomed	www.ajp.mums.ac.ir/journal	2015
The effect of angiotensin-converting enzyme inhibition on inflammatory and angiogenic factors in hypercholesterolemia	Pharmacol Rep	https://www.journals.elsevier.com/pharmacological-reports	2015
The Effects of Hydroalcoholic Extract of Teucrium polium L. on Hypertension Induced by Angiotensin II in Rats	Int J Prev Med	http://www.ijpm.mui.ac.ir/index.php/ijpm	2014
Endothelium-Independent Vasorelaxant Effects of Hydroalcoholic Extract from Nigella sativa Seed in Rat Aorta: The Roles of Ca ²⁺ and K ⁺ Channels	Biomed Research International	https://www.hindawi.com/journals/bmri/	2014
Mechanism of vasorelaxation induced by Achillea wilhelmsii in rat isolated thoracic aorta	Advanced Biomedical Research	www.adhttp://www.advbiores.net/	2014
Investigation of apoptosis in a canine model of chronic heart failure induced by tachycardia	Acta Physiologica Hungarica	http://www.akademiai.com/loi/036	2013
Antioxidant effect of Achillea wilhelmsii extract on pentylenetetrazole (seizure model)-induced oxidative brain damage in Wistar rats	Indian Journal of Physiology and Pharmacology	http://www.ijpp.com/index.php	2013
Hydroalcoholic extract of Crocus sativus effects on bronchial inflammatory cells in	Avicenna Journal of Phytomedicine	www.ajp.mums.ac.ir	2013

ovalbumin sensitized rats			
Preventive effects of hydroalcoholic extract of saffron on hematological parameters of experimental asthmatic rats	Avicenna Journal of Phytomedicine	www.ajp.mums.ac.ir	2013
The preventive effect of Brassica napus L. oil on pathophysiological changes of respiratory system in experimental asthmatic rat	. Avicenna Journal of Phytomedicine	www.ajp.mums.ac.ir	2013
Vasorelaxant effect of hydroalcoholic extract of Teucrium polium L. on isolated rat aorta	Journal of North Khorasan University of Medical Sciences	http://en.journals.sid.ir/JournalList.aspx?ID=13743	2012
Dipeptidyl peptidase IV inhibition improves cardiorenal function in over pacing-induced heart failure	Eur J Heart Fail	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1879-0844	2011
Ventricular-arterial uncoupling in heart failure with preserved ejection fraction after myocardial infarction in dogs - invasive versus echocardiographic evaluation.	BMC Cardiovasc Disord	https://bmccardiovascdisord.biomedcentral.com/	2010
Cardiac insulin-like growth factor-1 and cyclins gene expression in canine models of ischemic or over pacing cardiomyopathy	BMC Cardiovasc Disord	https://bmccardiovascdisord.biomedcentral.com/	2009
Cell therapy with autologous bone marrow mononuclear stem cells is associated with superior cardiac recovery compared with use of nonmodified mesenchymal stem cells in a canine model of chronic myocardial infarction	The Journal of Thoracic and Cardiovascular Surgery	http://www.jtcvsonline.org	2009
Activin-A, transforming growth	J Card Fail	http://www.onlinejcf.com	2008

factor-beta, and myostatin signaling pathway in experimental dilated cardiomyopathy			
Early increase in pulmonary vascular reactivity with overexpression of endothelin-1 and vascular endothelial growth factor in canine experimental heart failure	Exp Physiol 93	http://physoc.onlinelibrary.wiley.com/hub/journal/10.1111/(ISSN)1469-445X	2008

International Refereed Conferences:

Title of the Article	Title and Place	Date
Angiotensin converting enzyme inhibition ameliorates hyperlipidemia as well as inflammatory and angiogenic factors in hypercholesterolemic rats	Int. Iranian Congress of Physiology and Pharmacology, Kashan- Iran	7-11 Sept 2015
Effects of hydroalcoholic extract of <i>Achillea wilhemsii</i> on cardiac functional parameters in ischemia-reperfusion injury of the isolated rat heart	Int. Iranian Congress of Physiology and Pharmacology, Kashan- Iran	7-11 Sept 2015
The preventive effect of hydroalcoholic extract of <i>Teucrium polium</i> L. on hypertension induced by in rats angiotensin II	21 st Int. Iranian Congress of Physiology and Pharmacology, Tabriz- Iran	23-27 August 2013
The effect of hydroalcoholic extract of <i>Teucrium polium</i> L. on heart rate variability in acute hypertension induced by angiotensin II in rats	21 st Int. Iranian Congress of Physiology and Pharmacology, Tabriz- Iran	23-27 August 2013
<i>Teucrium polium</i> L. relaxes the isolated rat thoracic aorta through endothelium-dependent and - independent mechanisms	21 st Int. Iranian Congress of Physiology and Pharmacology, Tabriz- Iran	23-27 August 2013
Vasorelaxant effect of hydroalcoholic extract of <i>Nigella sativum</i> on isolated rat aorta	21 st Int. Iranian Congress of Physiology and Pharmacology, Tabriz- Iran	23-27 August 2013
Mechanism of vasorelaxation induced by <i>Nigella sativa</i> seed in rat aorta	21 st Int. Iranian Congress of Physiology and Pharmacology, Tabriz- Iran	23-27 August 2013

The Effect of Teucrium Pollium extract on contractile and dilatory activity of isolated aorta in diabetic rats	21 st Int. Iranian Congress of Physiology and Pharmacology, Tabriz-Iran	23-27 August 2013
The effects of hydroalcoholic extract of Crocus sativus on inflammatory cells in lavage fluid of experimental asthmatic rats	21 st Int. Iranian Congress of Physiology and Pharmacology, Tabriz-Iran	23-27 August 2013
The Preventive effects of hydroalcoholic extract of saffron on hematological parameters of experimental asthmatic rats	21 st Int. Iranian Congress of Physiology and Pharmacology, Tabriz-Iran	23-27 August 2013
Modulation of angiogenic factors after stem cell therapy in a model of chronic myocardial infarction	Société Belge de Physiologie et de Pharmacologie Fondamentales et cliniques, Liège, Belgium	May 2008
Activin-A signalling in experimental dilated cardiomyopathy	Belgian Society of Cardiology, 27th annual scientific meeting, 31st January, 1st February and 2nd, Belgium	February, 2008
Functional improvement after stem cell therapy in chronic myocardial infarction: bone marrow-derived mesenchymal vs. mononuclear stem cells	ESC Congress, Vienna, Austria	1 - 5 September 2007
Expression of Activin-A and Myostatin systems in experimental dilated cardiomyopathy	The Joint Meeting of the Slovak Physiological Society, the Physiological Society and the Federation of European Physiological Societies – FEPS, Bratislava, Slovakia	September 2007
Cardiac and pulmonary VEGF signaling in experimental dilated cardiomyopathy	The Joint Meeting of the Slovak Physiological Society, the Physiological Society and the Federation of European Physiological Societies – FEPS, Bratislava, Slovakia	September 2007
Left ventriculo-arterial uncoupling after recovery from myocardial infarction in dogs	The Joint Meeting of the Slovak Physiological Society, the Physiological Society and the Federation of European Physiological Societies – FEPS, Bratislava, Slovakia	September 2007

National Refereed Conferences:

Title of the Article	Title and Place	Date
Cardiac Remodeling Pathway in Experimental Dilated Cardiomyopathy	20th Iranian Congress of Physiology and Pharmacology, Hamadan, Iran	10-14 October 2011
Evaluate of vasovagal reaction with	20th Iranian Congress of Physiology	, 10-14 October 2011

age, sex, BMI, smoking and blood donation in Khorasan Razavi Blood Transfusion Center Organization (Mashhad)	and Pharmacology, Hamadan, Iran	
Involvement of cardiomyocytes apoptosis in a canine model of chronic heart failure induced by tachycardia	12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry & Molecular Biology, Mashhad, Iran	6-9 September 2011
Myostatin and IGF-1 pathways in relation with apoptosis in experimental non ischemic dilated cardiomyopathy	18th Iranian Congress of Physiology and Pharmacology, Mashhad, Iran	August 2007

Awards, Honorary Degrees, Medals:

Title	Presented by	Country	Date
PhD scholarship award	Ministry of Health, Treatment and Medical Education	Iran	2003

Research Interests:

Study the physiological and pathological cardiac failure pathways
Evaluation the mechanisms involved in cardiac ischemia-reperfusion injury
Evaluation the effect of different medicinal plant extracts in cardiac ischemia-reperfusion injury
Evaluation the signaling pathways of diabetic cardiovascular disorders
Evaluation the effect of different medicinal plant extracts in diabetic cardiomyopathy