

In the name of god

Curriculum Vitae



Data:

Personal History

Name (First Name/Surname, Last name/Forename):

Mehrnoosh Shanaki

Address (Office): Darband street, Tajrish square, School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Phone (Office): ۰۰۹۸۲۱۲۲۷۲۱۱۵۱

Educational History

a). Education (Academic Preparation)

Major	Minor	Degree	University	City	Country	Year	
						From	To
Nutrition		BSc	Ahwaz University of Medical sciences	Ahwaz	iran	۱۳۷۶	۱۳۸۰
Clinical Biochemistry		MSc	Ahwaz University of Medical sciences	Ahwaz	iran	۱۳۸۴	۱۳۸۷
Clinical Biochemistry		PhD	Tehran University of Medical sciences	Tehran	iran	۱۳۸۸	۱۳۹۳

b. theses

Title of Thesis	Degree	Supervisor(s)
The Effects of Resveratrol and H ₂ O ₂ on crosstalk between FOXO and Wnt Signaling Pathway via Evaluating of β -catenin, PPAR- δ and MnSOD Gene Expression in PBMCs of Coronary Artery Disease Patients	Postgraduate(Ph.D.)	Dr arash Hosseinnezhad
Evaluation of in vitro effect of flavonoids on human low-density lipoprotein carbamylation.	Postgraduate	Dr mohammad Ali ghafari

Professional History

a. Teaching History

School	*Level	Role	**Type of Lesson (Theory or Practical)	Title of Lesson	Number of Students	Clock Hours	Year
Shahid Beheshti University of Medical Sciences	graduate	Lecturer	Theory	Endocrinology			
Shahid Beheshti University of Medical Sciences	graduate	Lecturer	Theory	Clinical Biochemistry			
Shahid Beheshti University of Medical Sciences	graduate	lecturer	Theory	General Biochemistry			
Shahid Beheshti University of Medical Sciences	graduate	lecturer	practical	General Biochemistry			
Shahid Beheshti	postgraduate	Lecturer	Theory	Molecular Biology			

University of Medical Sciences							
Shahid Beheshti University of Medical Sciences	postgraduate	Lecturer	Theory	Laboratory principals and instrumentations			
Shahid Beheshti University of Medical Sciences	postgraduate	Lecturer	Theory	Clinical Biochemistry			
Ahwaz University of Medical Sciences	Postgraduate(medicine and dentistry students)	Lecturer	Practical	General Biochemistry			

*Level: Undergraduate, Resident, Postgraduate, Graduate

**Type of Lessons: Theory or Practical (classroom, Laboratory, Clinic, Operation Room, Community, etc.)

b. Professional Service

Type of Service	Place	Year

c. Academic Administrative Appointments

Position	Duties	Institution/ Location	Year	

d. Executive Positions and Appointments (Administrative)

Job Title	Duties and Responsibilities	Site of Activity	Supervisor	Year	
				From	To
Head of education development organization(EDO)		Shahid Beheshti University of Medical Sciences , school of Allied Medical Science	Vice chancellor ,school of allied medical sciences	۱۳۹۵	
Head of Teacher evaluation			Vice chancellor ,school of allied medical sciences	۱۳۹۵	

Honors and awards

Award	Place	Awarding body	Year
The ۱ th rank accepted Ph.D. student in entrance exam of ministry of Health & Medical Education, ۱۳۸۸.	Razi international convention center	minister of health	۱۳۹۰
Selected as top student among PhD students of Tehran University of Medical Sciences	Tehran University of Medical Sciences	Dean of medical faculty	۱۳۹۰
Selected as top student among postgraduate clinical biochemistry students of Ahwaz University of Medical Sciences	The first educational festival of martyr motahhari Ahwaz University of Medical Sciences	Dean of ahwaz university of medical sciences	۱۳۸۷

Membership in Professional Associations and Societies (Professional Memberships)

Name of Association	Site of Association	For	Year
Iranian Association of Clinical Laboratory Doctors	Iran		۱۳۹۳

Biomedical society of the islamic republic of Iran	iran		۱۳۹۰

Committees and councils membership

Name of Committee or Council	Member/ Officer	Place	Year	
			From	To

Approved Projects and Proposals

Current Condition of Project/ Proposal	Role (PI, CO-Investigator, Consultant, etc.)	Hours of Activity	Place	Current condition of Project/ Proposal	Year
The assessment of serum levels of CTRP γ in type 2 diabetic patients in comparison to healthy subjects	Main executive		Shahid Beheshti University of Medical Sciences , international branch	completed	۱۳۹۴
Association between rs γ • ξ and rs ξ • λ polymorphisms of incoding gene of VDBP in CAD patients in comparison with control group	Main executive		Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	completed	۱۳۹۴
Assessment of miR- ϕ and miR- η serum levels in the liver cirrhotic patients	Main executive		Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	In process	۱۳۹۴
Effect of HIIT and CET exercises on hepatic	Main executive		Shahid Beheshti University	In process	۱۳۹۵

miR ¹¹³ expression and denovo lipogenesis in cafeteria diet			of Medical Sciences , school of Allied Medical Sciences		
Determining serum level of Irisin in non-alcoholic fatty liver patients with and without type 2 diabetes mellitus	Main executive		Tehran University of Medical Sciences	completed	۱۳۹۴
Assessment of safety of avian antibody (IgY)consumption by lipid peroxidation marker in mice	Main executive		Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	completed	۱۳۹۵
Effect of high-intensity interval training (HIIT) and Continuous Endurance Training (CET) on miR ^{27a} and its target gene expression in heart of High calory diet induced-insulin resistant rats	CO-Investigator		Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	In process	۱۳۹۵
Effect of emodin on Expression of VEGF-A and VEGFR ₂ Genes (Angiogenic Biomarkers)in human breast carcinoma MCF-7 cell	CO-Investigator		Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	completed	۱۳۹۴
Effect of Curcumin on Fatty Acid Synthase expression and enzyme activity in	CO-Investigator		Shahid Beheshti University of Medical Sciences ,	completed	۱۳۹۴

breast cancer cell line SKBR3			school of Allied Medical Sciences		
Cytotoxic effects of Emodin on breast cancer SKBR3 cell line	CO-Investigator		Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	completed	۱۳۹۴
Assessment of miRNA-۴۹۹ gene polymorphism (rs۳۷۴۶۴۴۴) in CAD (Coronary Artery Disease) patients and its relationship with CAD risk factors.	CO-Investigator		Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	completed	۱۳۹۴
Assessment of miRNA-۱۴۹ gene polymorphism (rs۲۲۹۲۸۳۲) in CAD) Coronary Artery Disease(patients and its relationship with CAD risk factors	CO-Investigator		Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	completed	۱۳۹۴
An Investigation of Inhibition of doxorubicin efflux from PC3 cell by HPLC and the study of MDR1, LRP and MRP gene expression on this cell line following exposure to the Royal Jelly	CO-Investigator		Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	In process	۱۳۹۴
Title The assessment of serum levels of ۲۵-OHD3 and VDBP in patients with	CO-Investigator		Shahid Beheshti University of Medical Sciences	completed	۱۳۹۴

chronic rhinosinusitis with polyposis in comparison to healthy subject					
network analysis of change of protein expression in sinusitis with polyposis nasal mucosa before and after Glucocorticoid treated in human	CO-Investigator		Shahid Beheshti University of Medical Sciences	completed	۱۳۹۴
The investigation tissue expression and serum levels (pre & post treatment) of miRs -۳۷۲, -۱۰۱, -۲۱, -۱۳۳ and its correlation with tissue expression of EGFR signaling pathway genes in HNSCC patients compared with the control group	CO-Investigator		Shahid Beheshti University of Medical Sciences	In process	۱۳۹۵
Assessment of gene polymorphism rs۱۷۴۴۶۰ in FADS۳ and rs۷۰۹۴۶۷۱ in RBP۴ in Coronary Artery Disease patients and its relationship with CAD risk factors			Shahid Beheshti University of Medical Sciences, school of Allied Medical Sciences	In process	۱۳۹۴
Evaluation of hs-CRP, Liver and Kidney Functional Parameters and oxidative stress balance in Patients with β -Thalassemia major	CO-Investigator		Gorgan University of Medical Sciences	completed	۱۳۹۴
Study of association of	CO-Investigator		Ahwaz	completed	۱۳۹۰

vascular endothelial growth factor polymorphism with coronary collaterals formation in patients with coronary artery disease from Tehran Heart Center			University of Medical Sciences		
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Grants Received

Source	Grant NO.	Title	Budget of Grant (Total Costs)	Role (PI, CO-Investigator, Consultant, etc.)	Period

Theses Directed, Supervised or Consulted

Title of Thesis	Degree/Level	Place	Role	Year
The assessment of serum levels of CTRP α_3 in type 2 diabetic patients in comparison to healthy subjects	MSc	Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	supervisor	۱۳۹۵
Cytotoxic effect of Emodin on SKBR3 breast cancer cells	MSc	Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	advisor	۱۳۹۵
Effect of Curcumin on fatty	MSc	Shahid Beheshti	advisor	۱۳۹۵

acid synthase expression and enzyme activity in Breast cancer cell line SKBR ³		University of Medical Sciences , school of Allied Medical Sciences		
Study of miRNA- $\xi 99$ gene variant(rs ³⁷ $\xi 6$ $\xi 4$ $\xi 4$) association with coronary artery disease in patients and healthy controls	MSc	Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	advisor	1390
Effect of Emodin on expression of VEGF-A and VEGF-R ² genes (angiogenic biomarkers) in breast cancer cell lines MCF-7	MSc	Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	advisor	1390
Assessment of safety of avian antibody (IgY)consumption by lipid peroxidation marker in mice	MSc	Shahid Beheshti University of Medical Sciences , school of Allied Medical Sciences	advisor	1390

Lectures

Title of Lecture	Seminar	Place	Year
Elevated Serum Levels of Adropin in Patients with Type 2 Diabetes Mellitus and its Association with Insulin Resistance	The 9 th international congress on quality improvement in clinical laboratories	Razi international convention center	1390
Oxidative Stress & Antioxidant Therapy in Cardiovascular Diseases	8 th cardiovascular joint congress	Shahid Rajaie cardiovascular, medical and research center	1394
PRO-OXIDANT BURDEN AND THE ANTIOXIDANT	7 th international congress of	Razi international	1394

CAPACITY IN PATIENTS WITH BETA THALASSEMIA MAJOR	laboratory and clinic	convention center	
Resveratrol could partly improve the crosstalk between canonical β -catenin/Wnt and FOXO pathways in coronary artery disease patients with metabolic syndrome: A case control study	The 8 th international and 13 th national congress on quality improvement in clinical laboratories	Razi international convention center	۱۳۹۴

Editorial

Journal	Place of publishing	Duties and Responsibilities	Year	
			From	To
Journal of biology and today's world	Dubai, United Arab Emirates	reviewer	۱۳۹۴	now

Publications:

a. Books

Author(s)	Editor	Title	Publisher	Site of Publication	Year of Publication
Mehrnoosh Shanaki Solaleh Emamgholipour Eskandar Parvaz Parisa Shahbazi	Dr doosti	Biochemistry: stryker	khalili	iran	۱۳۹۴

b. Articles

Author(s)	Title	Journal Name	Vol. NO.	Issue NO.	Page NO.	Year
Abolfazl Afrookhteh , Solaleh Emamgholipour , Behnam Alipoor , Nariman Moradi , Reza Meshkani , Ensieh Nasli-Esfahani , Ali Rahimipour , Mehrnoosh	The Circulating Levels of Complement-C ₁ q/TNF-Related Protein 13 (CTRP13) in Patients with Type 2 Diabetes and its Association with Insulin Resistance	Clinical Laboratory				۲۰۱۷

Shanaki						
Parvin Ghareghani, Mehrooosh Shanaki, Saedieh Ahmadi, Ali Reza Khosdel, Neda Rezvan, Reza Meshkai, Maryam Delfan, Sattar Gorgani-firuzjaee	Aerobic endurance training improves non-alcoholic fatty liver disease (NAFLD) features via miR-33 dependent autophagy induction in high fat diet fed mice	Obesity research and clinical practice				۲۰۱۷
Mehrnoosh Shanaki ^۱ , Reza Fadaei ^۲ , Nariman Moradi ^۳ , Solaleh Emamgholipour ^۲ , Hossein Poustchi ^{۴*}	The Circulating CTRP ^{۱۳} in Type ۲ Diabetes and Non-Alcoholic Fatty Liver Patients	Plosone				۲۰۱۶
Mehrnoosh Shanaki ^{a,b} , Arash Hossein-nezhad ^{c,d} , Reza Meshkani ^a , Maani Beigy ^e , Mahmoud Shirzad ^f , Parvin Pasalar ^a and Taghi Golmohammadi ^{a*}	Effects of Resveratrol on Crosstalk between Canonical B-Catenin/Wnt and FOXO Pathways in Coronary Artery Disease Patients with Metabolic Syndrome: A Case Control Study	IJPR	۱۵	۳	۲۴۷-۲۵۹	۲۰۱۶
Ahmad Hosseini ^۱ , Mehrnoosh Shanaki ^{۲*} , Solaleh Emamgholipour ^۱ , Manouchehr Nakhjavani ^۳ , Farideh Razi ^۴ , Taghi Golmohammadi ^۱	Elevated Serum Levels of Adropin in Patients with Type ۲ Diabetes Mellitus and its Association with Insulin Resistance	J. Biol. Today's World.	۵	۳	۴۴-۴۹	۲۰۱۶
Mehrnoosh Shanaki PhD ^۱ , Hassan Ehteram MD ^۲ , Hajar Nasiri MSc ^۳ , Mehdi Azad PhD ^۴ , Fatemeh Kouhkan PhD ^۵ ,	Assessment of Liver and Kidney Functional Parameters along with oxidative Stress and Inflammatory Biomarker in Patients with β -Thalassemia major	Iran J Ped Hematol Oncol	۶	۴	۲۴۸-۲۵۹	۲۰۱۶

Reza Pakzad PhD ٦, Naser Mobarra PhD ٧,*						
Ghorban K, Shanaki M, Mobarra N, Azad M, Asadi J, Pakzad R, Ehteram H.	Apolipoproteins A ^١ , B, and other prognostic biochemical cardiovascular risk factors in patients with beta-thalassemia major	Hematology	٢١	٢	١١٣-١٢٠	٢٠١٦
Azizidoost S, Bavarsad MS, Bavarsad MS, Shahrabi S, Jaseb K, Rahim F, Shahjahani M, Saba F, Ghorbani M, Saki N.	The role of notch signaling in bone marrow niche.	Hematology	٢٠	٢	٩٣-١٠٣	٢٠١٥
Ehteram H, Bavarsad MS, Mokhtari M, Saki N, Soleimani M, Parizadeh SM, Mobarra N.	Prooxidant-antioxidant balance and hs-CRP in patients with beta- thalassemia major.	Clin Lab	٦٠	٢	٢٠٧-٢١٥	٢٠١٤
Ghaffari MA, Shanaki M.	In vitro inhibition of low density lipoprotein carbamylation by vitamins, as an ameliorating atherosclerotic risk in uremic patients.	Scand J Clin Lab Invest	٧٠	٢	١٢٢-١٢٧	٢٠١٠
Ghaffari MA, Shanaki M.	Evaluation of in vitro effect of flavonoids on human low-density lipoprotein carbamylation.	IJPR	٩	١	٦٧-٧٤	٢٠١٠

c. Papers Presented

Author(s)	Title of Article	Congress	Place	Type of Presentation (Oral or Poster)	Year

d. Media and Software

Title of Media or Software	Usage	Designer(s)/ Programmer(s)	Year

- Others

- Professional Interests
- References