



Maryam Zarkesh



PERSONAL INFORMATION

Gender: Female
Birth Date: August 15, 1981
Marital Status: Married

CONTACT INFORMATION

No 24, Yaman St, Velenjak St,
Tehran Province, Iran

+98 21 22432500
+98 912 1149848

zarkesh@endocrine.ac.ir and
maryamzarkesh@yahoo.com



SKILLS

PROFESSIONAL SUMMARY

- Assistant Professor
- Member of Iran's brilliant talented students
- *H-Index (Scopus-based): 14*
- Member of Iranian Obesity Society
- Member of Iranian Genetic Society
- Member of European Endocrine Society
- Supervisor of Real-Time PCR lab

Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Science, Shahid Beheshti University of Medical Sciences, WHO collaborating center, Tehran, IRAN

WORK EXPERIENCE

- 2008-2009
- Position: Researcher
Employer: Molecular Biology Laboratory, Research Institute for Urology Nephrology Research Center, Shahid Beheshti University of Medical Sciences
- 2007-2020
- Position: Junior & Senior Researcher
Employer: Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, WHO collaborating center
- 2020-now
- Position: Assistant Professor
Employer: Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, WHO collaborating center

ACADEMIC QUALIFICATION

- 2014-2018
- Ph.D., in Molecular Genetics, Shahid Beheshti University of Medical Sciences, Tehran, Iran
Ph.D. Thesis: Under Supervision by Dr. Mehdi Hedayati & Prof. Fereidoun Azizi
Title: "Assessment of miR-222, miR-137, miR-214, and miR-181b relative expression and their association with mutation of BRAF and MMP9 and TIMP3 genes expression in papillary thyroid cancer (PTC)"
- 2013-2014
- MPhil, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 2007-2010
- M.Sc. in Microbiology, Azad University, Iran
MSc Thesis: Under Supervision by Dr. Jalil Fallah.

Microsoft Office 

Gene Fragment Analysis Software such as Gene Marker, Power Marker. 

Pedigree drawing software's such as Cyrillic, Progeny, Genopro. 

Statistical Analysis software's such as SPSS, SAGE, Merlin, Fbat, SOLAR, TDT, REST, and R. 

End Note 

Primer Design 

Lab software's such as Gel Electrophoresis Analysis 

LANGUAGES

English 

Persian 

Turkish 

Title: "Evaluation of Iron Acquisition, Alfa Hemolysin Toxin Generator and Cytotoxic Necrosis Factor Genes Existence in Uropathogenic Escherichia coli by Multiplex PCR assay"

2001-2005

- B.Sc. in Cellular and Molecular Biology, Azad University, Iran

AWARDS

Elected as Prominent senior researcher at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences 2019

Elected At the National Student Committee, earning a score of 290/354, as a researcher student (brilliant talented student) 2018

Elected as Prominent junior researcher at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences 2011

TRAINING AND TEACHING ACTIVITIES

- Head of Visceral and Subcutaneous Adipose Tissues of Obese and Non-Obese Individuals Biobank to Investigate the Association of Environmental Factors (Physical Activity, Dietary Intake, and Dietary Habit) With Adipose Tissues Metabolism: Obesity Epigenetic Study (OES)
- As Advisor in MS.c students' thesis
- Taking part in a workshop entitled Cell Culture and PCR methodology as a trainer held at Urology Nephrology Research Center, Shahid Beheshti University of Medical Sciences.
- Taking part in a workshop entitled Real-Time PCR methodology as a trainer held at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences .
- Taking part in a workshop entitled Repeated Measurements of ANOVA analysis as a trainer held at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences .
- Taking part in workshop entitled Research Methodology as a trainer held at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences.

LABORATORY EXPERIENCES

- DNA, RNA and Protein extraction
- Semi-quantitative RT-PCR, ARMS PCR, RFLP PCR
- Real-time RT-PCR
- Electrophoresis of Proteins and nucleic acids
- Western blotting
- SSCP
- Animal cell culture
- ELISA
- Gene Fragment Analysis
- Microbial culture and DNA extraction of bacteria
- Gas chromatography mass spectrometry (GC/MS) technique
- Chromatin immunoprecipitation (ChIP) technique
- Fluorescence in situ hybridization (FISH) technique

RESEACH GRANTS

- Research Grant from **Shahid Beheshti University of Medical Science** for H-Index (Scopus based) between 16 to 20 in 2020 (Grant NO: 30129), **2022**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for publishing article in journals with impact factor more than 6 in 2021 (Grant NO: 31176), **2022**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for H-Index (Scopus based) between 10 to 15 in 2020 (Grant NO: 22008), **2021**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for publishing article in journals with impact factor more than 4 in 2020 (Grant NO: 30687), **2021**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for H-Index (Scopus based) between 16 to 20 in 2020 (Grant NO: 30129), **2021**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for publishing 6 articles in type 1-3 journals in 2021(Grant NO: 28671), **2021**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for 100 citations in Scopus data base in 2019 (Grant NO: 21308), **2020**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for publishing article in journals with impact factor more than 4 (Grant NO: 16780), **2019**, Iran
- Awarded Travel Grant from the **Korean Endocrine Society (KES)** to attend The 6th Seoul International Congress of Endocrinology and Metabolism, **2018**, Seoul, Korea
- Research Grant from **Shahid Beheshti University of Medical Science** for publishing article in journals with impact factor more than 4 (Grant NO:14876), **2018**, Iran
- Awarded Travel Grant from **European Society of Endocrinology** to attend 19th European Congress of Endocrinology, **2017**, Lisbon, Portugal
- Research Grant from **Shahid Beheshti University of Medical Science** for publishing article in journals with impact factor more than 6 (Grant NO:10490), **2017**, Iran
- Awarded Travel Grant from **International Society of Endocrinology** to attend 17th International Congress of Endocrinology, **2016**, Beijing, China

PUBLICATIONS

DOI/link	Year	IF	Journal	Authors' name	Title	No
10.1007/s10528-009-9265-z	2009	0.9	Biochemical Genetics	Daneshpour, Maryam Sadat Alfadhli, Suad Houshmand, Massoud Zeinali, Sirous Hedayati, Mehdi Zarkesh, Maryam Momenan, Amir Abbas Azizi, Fereidoun	Allele Frequency Distribution Data for D8S1132, D8S1779, D8S514, and D8S1743 in Four Ethnic Groups in Relation to Metabolic Syndrome: Tehran Lipid and Glucose Study	1
https://doi.org/10.1002/ejlt.201000340	2010	2.26	European Journal of Lipid Science and Technology	Daneshpour, Maryam Sadat Alfadhli, Suad Houshmand, Massoud Zeinali, Sirous Hedayati, Mehdi Zarkesh, Maryam Azizi, Fereidoun	Allele frequency distribution for D11S1304, D11S1998, and D11S934 and metabolic syndrome in TLGS	2
https://sites.kowsarpub.com/ijem/articles/71745.html	2010	-	International Journal of Endocrinology and Metabolism	MS Daneshpour, M Zarkesh, M Hedayati, SM Namin Mesbah, S Halalkhor, B Faam, F Azizi	The G360t Polymorphism in the APO AIV Gene and its Association with Combined HDL/LDL Cholesterol Phenotype: Tehran Lipid and Glucose Study	3
https://www.sid.ir/en/Journal/ViewPaper.aspx?ID=195735	2011	-	Iranian Journal of Endocrinology and Metabolism (IJEM)	Daneshpour MS, Houshmand M, Zeinali S, Hedayati M, Zarkesh M, Azizi F	[Allele Frequency of 12 Microsatellites in Chromosome 8, 11, 12 and 16 in Tehran Lipid and Glucose Study]	4
10.1007/s12020-011-9526-6 Epub	2011	2.2	Endocrine	Daneshpour, Maryam S. Faam, Bita Mansournia, Mohamad Ali Hedayati, Mehdi Halalkhor, Sohrab Mesbah-Namin, Seyed Alireza Shojaei, Shahla Zarkesh, Maryam Azizi, Fereidoun	Haplotype analysis of Apo AI-CIII-AIV gene cluster and lipids level: Tehran lipid and glucose study	5
http://ijem.sbmu.ac.ir/article-1-1136-en.html	2011	-	Iranian Journal of Endocrinology and Metabolism (IJEM)	Daneshpour M Fam B Mansournia M Hedayati M Halalkhor S Mesbah Namin A Shojai Sh Zarkesh M Azizi F	[Association of the APOAI-CIII-AIV Gene Cluster Polymorphisms with the level of Lipids in Tehranian Population]	6
10.1111/j.132362.2011.02516.x	2011	3.3	European Journal of Clinical Investigation	Daneshpour, Maryam Sadat Rebai, Ahmed Houshmand, Massoud Alfadhli, Suad Zeinali, Sirous Hedayati, Mehdi Zarkesh, Maryam Azizi, Fereidoun	8q24.3 and 11q25 chromosomal loci association with low HDL-C in metabolic syndrome	7

https://www.sid.ir/en/journal/ViewPaper.aspx?id=209500	2011	-	Iranian Journal of Endocrinology and Metabolism (IJEM)	A Ghanbari-Niaki F Hossein pour R Fathi M Daneshpouri H Akhavan Niaki <u>M Zarkesh</u> M Hedayati	[Effect of 8 Weeks Endurance Training with Two Different Durations on Plasma HDL and Ghrelin in Male Rats]	8
https://pubmed.ncbi.nlm.nih.gov/22279452/	2011	-	Journal of Research in Medical Sciences	Saidpour, Atoosa Zahediasl, Saleh Kimiagar, Masoud Vafa, Mohamadreza Ghasemi, Asghar Abadi, Alireza Daneshpour, Maryam Sadat <u>Zarkesh, Matyam</u>	Fish oil and olive oil can modify insulin resistance and plasma desacyl-ghrelin in rats	9
https://www.sid.ir/en/journal/ViewPaper.aspx?id=20934	2011	-	Iranian Journal of Nutrition Sciences & Food Technology	A Saidpour M Kimiagar S Zahediasl MR Vafa A Ghasemi AR Abadi M Daneshpour <u>M Zarkes</u>	[Effects of high-fat diets based on butter or soybean, olive or fish oil on insulin resistance and plasma desacyl-ghrelin in rats]	10
10.1016/j.gene.2011.12.011 . Epub	2012	2.415	GENE	Daneshpour, Maryam Sadat Hosseinzadeh, Nima <u>Zarkesh, Maryam</u> Azizi, Fereidoun	Haplotype frequency distribution for 7 microsatellites in chromosome 8 and 11 in relation to the metabolic syndrome in four ethnic groups: Tehran Lipid and Glucose Study	11
http://ijem.sbmu.ac.ir/article-1-1258-en.pdf	2012	-	Iranian Journal of Endocrinology and Metabolism (IJEM)	<u>Maryam Zarkesh</u> Maryam Sadat Daneshpour Mehdi Hedayati Fereidoun Azizi	[Association of Apolipoprotein A-IV Gene G360T Polymorphism with Metabolic Syndrome: Tehran Lipid and Glucose Study]	12
10.1016/j.gene.2012.07.015 . Epub	2012	2.415	GENE	Saidpour A Kimiagar M Zahediasl S Ghasemi A Vafa M Abadi A Daneshpour M <u>Zarkesh M</u>	The modifying effects of fish oil on fasting ghrelin mRNA expression in weaned rats	13
10.1016/j.gene.2012.07.048 . Epub	2012	2.415	GENE	<u>Maryam Zarkesh</u> Maryam S Daneshpour Bita Faam Mehdi Hedayati Fereidoun Azizi	Is there any association of apolipoprotein E gene polymorphism with obesity status and lipid profiles? Tehran Lipid and Glucose Study (TLGS)	14
10.2169/INTERNALMEDICINE.51.8475 . Epub	2012	1	Internal Medicine	<u>Maryam Zarkesh</u> Bita Faam Maryam Sadat Daneshpour Fereidoun Azizi Mehdi Hedayati	Relationship between Metabolic Syndrome, Cardio Metabolic Risk Factors, and Inflammatory Markers in Tehranian Population: Tehran Lipid and Glucose Study	15

10.1017/S001667231200050X	2012	2	Genetics Research	Maryam Zarkesh Maryam Sadat Daneshpour Bita Fam Mohammad Sadegh Fallah Nima Hosseinzadeh Kamran Guity Farhad Hosseinpanah Amir Abbas Momenan Fereidoun Azizi	Heritability of the metabolic syndrome and its components in the Tehran Lipid and Glucose Study (TLGS)	16
10.1016/j.gene.2012.10.084 . Epub	2012	2.415	GENE	Sarbaksh P Mehrabi Y Daneshpour MS Zayeri F Zarkesh M	Logic regression analysis of association of gene polymorphisms with low HDL: Tehran Lipid and Glucose Study	17
10.1016/j.gene.2012.11.049 . Epub	2012	2.415	GENE	Azita Zadeh-Vakili Fahimeh R. Tehrani Maryam Sadat Daneshpour Maryam Zarkesh Navid Saadat Fereidoun Azizi	Genetic polymorphism of vitamin D receptor gene affects the phenotype of PCOS	18
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3943219/	2012	0.27	Iranian Journal of Reproductive Medicine (Yazd)	Fahimeh Ramezani Tehrani Maryam Daneshpour Somayeh Hashemi Maryam Zarkesh Fereidoun Azizi	Relationship between polymorphism of insulin receptor gene, and adiponectin gene with PCOS	19
http://ijdlld.tums.ac.ir/article-1-5079-fa.html	2013	-	Iranian Journal of Diabetes and Metabolism	Maryam Zarkesh Bita Faam Maryam S Daneshpour Fereidoun Azizi Mehdi Hedayati	[Relationship between serum levels of C-reactive protein, homocysteine and interleukin-6 with metabolic syndrome]	20
http://ijem.sbmu.ac.ir/article-1-1527-en.html	2013	-	Iranian Journal of Endocrinology and Metabolism	Parvin Sarbaksh Yadollah Mehrabi Maryam Daneshpour Farid Zayeri Maryam Zarkesh Fereidoun Azizi	[Studying the Interaction Effects of Gene Polymorphisms on Low Level of HDL Over Time Using Transition Logic Regression: Tehran Lipid and Glucose Study]	21
PMID: 24916526	2014	1.4	Archives of Iranian Medicine (AIM)	Maryam Zarkesh Farhad Hosseinpanah Maryam Barzin Nima Hosseinzadeh Kamran Guity Maryam Sadat Daneshpour Fereidoun Azizi	Recurrence Risk Ratio of Siblings and Familial Aggregation of the Metabolic Syndrome among Tehranian Population	22
10.5812/scimetr.18268	2014	-	Scimetr	Bita Fam Maryam Zarkesh Mohamad Sadegh Falah Nima Hosseinzadeh Kamran Giti Somayeh Hosseini Pour niazi Farhad Hossein panah Amir Abas Momenan Fereidoun Azizi Maryam Sadat Daneshpour	Heritability of the obesity-related variables in the Tehranian families	23
PMID: 25422750	2014	0.5	Advanced Biomedical Research	Bita Faam Maryam Zarkesh Maryam S Daneshpour Fereidoun Azizi Mehdi Hedayati	The association between inflammatory markers and obesity related factors in Tehranian adults: Tehran lipid and glucose study	24

10.1007/s1136-014-0625-8	2014	2.4	Quality of Life Research	Parisa Amiri Sara Jalali Farahani Maryam Zarkesh Maryam Barzin Robabeh Kaviani Sajad Ahmadizad	Reliability and Validity of the Iranian Version of the QAPACE in Adolescents	25
http://ijem.sbmu.ac.ir/article-1-1669-fa.html	2014	-	Iranian Journal of Endocrinology and Metabolism	Shohreh Ehsandar Maryam Zarkesh Maryam Sadat Daneshpour Mojgan Bandehpour Fereidoun Azizi Mehdi Hedayati	[Prevalence of Human Adenovirus 36 and Its Association with Overweight/Obese and Lipid Profiles in the Tehran Lipid and Glucose Study]	26
10.5812/ijem.19511.eCollection2015Jan	2014	-	International Journal of Endocrinology and Metabolism	Zahra Daneshian Fahimeh Ramezani-Tehrani Maryam Zarkesh Mahsa Noroozadeh Reza Mahdian Azita Zadeh-Vakili	Antimullerian hormone and its receptor gene expression in prenatally androgenized female rats	27
http://mjms.modares.ac.ir/article-30-10579-en.html	2014	-	Pathobiol Res	Maryam Zarkesh Mahdi Taghaddosi Fereidoun Azizi Azita Zadeh-Vakili Mehdi Hedayati	[Importance of Epigenetic Changes in the Thyroid Cancer Incidence and Their Therapeutic Applications]	28
https://ijdl.tums.ac.ir/article-1-5320-en.pdf	2014	-	Iranian Journal of Diabetes and Metabolism	Bitra Faam Maryam Zarkesh Mohammad S Fallah Nima Hossenazadeh Kamran giti Fereidoun Azizi Maryam S Daneshpour	[HERITABILITY OF ANTHROPOMETRIC VARIABLES IN TEHRANIAN FAMILIES (TEHRAN LIPID AND GLUCOSE STUDY PHASE III)]	29
10.1159/000365445 Epub	2014	2	Journal of nutrigenetics and nutrigenomics	Firoozeh Hosseini-Esfahani Parvin Mirmiran Maryam S Daneshpour Yadollah Mehrabi Mehdi Hedayati Maryam Zarkesh Fereidoun Azizi	Western dietary pattern interact with APOC3 polymorphism on the risk of metabolic syndrome: Tehran Lipid and Glucose Study	30
http://ijdl.tums.ac.ir/article-1-5112-en.html	2014	-	Iranian Journal of Diabetes and Metabolism	Bitra Faam Maryam Zarkesh Maryam Sadat Daneshpour Fereidoun Azizi Mehdi Hedayati	[ASSOCIATION BETWEEN ABDOMINAL OBESITY AND HS-CRP, IL-6 AND HCY IN TEHRANIAN ADULTS: TLGS]	31
10.3109/07435800.2013.808207	2014	1.03	Endocrine Research	Bitra Faam Maryam S. Daneshpour Mehdi Hedayati Sohrab Halalkhor Mohammad Ali Mansournia Maryam Zarkesh Fereidoun Azizi	The age effect on the association between the scavenger receptor class B type I (SR-BI) polymorphism and HDL-C level: Tehran Lipid and Glucose Study	32
https://www.sid.ir/en/Journal/ViewPaper.aspx?ID=411557	2014	-	Journal of Bioethics	Zarkesh M Abbasi M	[ETHICS IN TECHNOLOGIES OF GENE EXPRESSION MEASUREMENT]	33
https://www.sid.ir/en/Journal/ViewPaper.aspx?ID=594388	2014	-	Physiology of Exercise and Physical Activity	Golnoosh Sedgh Roohi Abbasali gaeini Mohammadreza Kordi Mehdi Hedayati Maryam Zarkesh	[The effect of cold-water immersion after eccentric exercise on myogenic, inflammatory and muscle damage responses In FHL skeletal muscle in rats]	34

10.17795/gct-24756	2014	-	Gene Cell Tissue	Maryam S Daneshpour Massoud Houshmand Suad Alfadhli <u>Maryam Zarkesh</u> Sirous Zeinali Mehdi Hedayati Fereidoun Azizi	Allele Frequency of D12S1632, D12S329, D12S96, D16S3096 and D16S2624 in four Ethnic Groups and Its Relationship With Metabolic Syndrome in Tehran Lipid and Glucose Study	35
10.5812/scimetr.23927	2015	-	Scimetr	<u>Maryam Zarkesh</u> Shohreh Ehsandar Maryam Sadat Daneshpour Mojgan Bandehpour Suad Alfadhli Fereidoun Azizi Mehdi Hedayati	Association of human adenovirus-36 with dyslipidemia in Tehranian children and adolescents: TLGS	36
10.1016/j.gene.2015.06.011	2015	2.415	GENE	Jalal Zaman Sajjad Jeddi Maryam S Daneshpour <u>Maryam Zarkesh</u> Zahra Daneshian Asghar Ghasemi	Ischemic postconditioning provides cardioprotective and antiapoptotic effects against ischemia-reperfusion injury through iNOS inhibition in hyperthyroid rats	37
http://jarums.arums.ac.ir/article-1-979-en.html	2015	-	Journal of Ardabil University of Medical Sciences	<u>Zarkesh M</u> Guity K Hosseinzadeh N Azizi F Daneshpour MS	[Familial Clustering of Metabolic Syndrome and Its Risk Factors in Tehran Lipid and Glucose Study]	38
10.1071/RD15157	2015	2.4	Reproduction, Fertility and Development.	F. Ramezani Tehrani <u>M. Zarkesh</u> M. Tohidi F. Azizi A. Zadeh-Vakili	Is the association between insulin resistance and diabetogenic haematopoietically expressed homeobox (HHEX) polymorphism (rs1111875) affected by polycystic ovary syndrome status?	39
10.5812/ircmj.30104.eCollection	2016	0.634	Iranian Red Crescent Medical Journal	<u>Maryam Zarkesh</u> Golaleh Asghari Parisa Amiri Nima Hosseinzadeh Mehdi Hedayati Arash Ghanbarian Fereidoun Azizi	Familial aggregation of metabolic syndrome and its components among Tehranian adults with different socio-behavioral and reproductive characteristics: Tehran Lipid and Glucose Study	40
Published	2016	-	Austin Endocrinology & Diabetes Case Reports	<u>Maryam Zarkesh</u> Shohreh Ehsandar Mahdi Hedayati	Genetic and Epigenetic Aspects of Type 2 Diabetes: A Review	41
10.1016/j.gene.2016.01.014 . Epub	2016	2.415	GENE	Sajad Jeddi Jalal Zaman Azita Zadeh Vakili <u>Maryam Zarkesh</u> Asghar Ghasemi	Involvement of inducible nitric oxide synthase in the loss of cardioprotection by ischemic postconditioning in hypothyroid rats	42
10.1016/j.gene.2016.07.067	2016	2.415	GENE	Jahromi MS Tehrani FR Noroozadeh M <u>Zarkesh M</u> Ghasemi A Zadeh-Vakili A	Elevated expression of steroidogenesis pathway genes; CYP17, GATA-6 and StAR in prenatally androgenized rats.	43

10.1080/10408398.2016.1262325 Epub	2017	6.077	Critical Reviews in Food Science and Nutrition	Emad Yuzbashian Maryam Zarkesh Golaleh Asghari Mehdi Hedayati Parvin Mirmiran Ali Reza Khalaj	Is Apelin Gene Expression and Concentration Affected by Dietary Intakes? A Systematic Review	44
10.1080/10408398.2016.1262325 Epub	2017	1.585	Gynecological Endocrinology (IGYE)	Marziyeh Salehi Jahromi Fahimeh Ramezani Tehrani, Jennifer W. Hill, Mahsa Noroozadeh Maryam Zarkesh Asghar Ghasemi Azita Zadeh-Vakili	Alteration in follistatin gene expression detected in prenatally androgenized rat	45
10.1007/s40291-017-0303-y	2018	2.716	Molecular Diagnosis & Therapy	Maryam Zarkesh Azita Zadeh-Vakili Fereidoun Azizi Maziar Mohammad Akhavan Forough Foroughi Mehdi Hedayati	Altered Epigenetic Mechanisms in Thyroid Cancer Subtypes	46
10.5812/ijem.56120 eCollection	2018	-	International journal of Endocrinology and Metabolism (IJEM)	Maryam Zarkesh Azita Zadeh-Vakili Fereidoun Azizi Ahmad S. Fanaei Forough Foroughi Mehdi Hedayati	The Association of BRAF V600E Mutation With Tissue Inhibitor of Metalloproteinase-3 Expression and Clinicopathological Features in Papillary Thyroid Cancer	47
10.1016/j.plefa.2017.09.010	2017	2.653	Prostaglandin, Leukotrienes and Essential Fatty Acids	Hossein Rostami Mohammad Samadi Emad Yuzbashian Maryam Zarkesh* Golaleh Asghari Mehdi Hedayati Alireza Khalaj Parvin Mirmiran*	Habitual dietary intake of fatty acids are associated with leptin gene expression in subcutaneous and visceral adipose tissue among nondiabetic patients	48
10.1159/000484386 Epub	2017	5.1	Cellular Physiology and Biochemistry	Hanieh Gholami Sajad Jeddi Azita Zadeh-Vakili Khadije Farrokhfall Fatemeh Rouhollah Mahboubeh Ghanbari Maryam Zarkesh Asghar Ghasemi	Transient Congenital Hypothyroidism Alters Gene Expression of Glucose Transporters and Impairs Glucose Sensing Apparatus in Young and Aged Offspring Rats.	49
10.1016/j.jsbmb.2018.11.004	2018	4.095	The Journal of Steroid Biochemistry and Molecular Biology	Emad Yuzbashian Mehdi Hedayati Golaleh Asghari* Maryam Zarkesh* Parvin Mirmiran Alireza Khalaj	Determinants of vitamin D receptor gene expression in visceral and subcutaneous adipose tissues in non-obese, obese, and morbidly obese subjects	50
10.1007/s40199-018-0208-2 Epub	2018	2.667	DARU Journal of Pharmaceutical Sciences	Zahra Nozhat Samira Mohammadi-Yeganeh Fereidoun Azizi Maryam Zarkesh Mehdi Hedayati	Effects of Metformin on the PI3K/AKT/FOXO1 Pathway in Anaplastic Thyroid Cancer Cell Lines	51
https://doi.org/10.1186/s12885-018-5112-0	2018	3.645	BMC Cancer	Maryam Zarkesh Azita Zadeh-Vakili Mahdi Akbarzadeh S Ahmad Fanaei Mehdi Hedayati Fereidoun Azizi	The Role of matrix metalloproteinase-9 as a Prognosticator Biomarker in Papillary Thyroid Cancer	52

http://ijem.sbmu.ac.ir/article-1-2383-en.html	2018	-	Iranian journal of Endocrinology and Metabolism	Hosein Rostami Hamidreza Tavakoli Emad Yuzbashian <u>Maryam Zarkesh</u> Maryam Aghayan Mehdi Hedayati Reza Forouzanfar Parvin Mirmiran Alireza Khalaj	[The Association of Dietary Fat Sources with Leptin Gene Expression from Visceral and Subcutaneous Adipose Tissues among Tehranian Adults]	53
10.5812/ijem.84744	2018	-	International journal of Endocrinology and Metabolism (IJEM)	Maryam S Daneshpour Mehdi Hedayati Bahareh S-khayat Kamran Guity <u>Maryam Zarkesh</u> Mahdi Akbarzadeh Niloofar Javanrooh Azita Zadeh-Vakili Fereidoun Azizi	Genetic Identification for Non-Communicable Disease: Findings from 20 Years of the Tehran Lipid and Glucose Study	54
10.5812/ijem.84783	2018	-	International journal of Endocrinology and Metabolism (IJEM)	Hedayati M Daneshpour MS <u>Zarkesh M</u> Zarif Yeganeh M Sheikholeslami S Faam B Azizi F	Biochemical Assessment: Findings from 20 Years of the Tehran Lipid and Glucose Study	55
10.1016/j.nut.2018.12.014.Epub	2018	3.42	Nutrition	Emad Yuzbashian Golaleh Asghari Mehdi Hedayati <u>Maryam Zarkesh*</u> Parvin Mirmiran* Alireza Khalaj	The association of dietary carbohydrate with FTO gene expression in visceral and subcutaneous adipose tissue of adults without diabetes	56
10.1016/j.lfs.2019.03.034.Epub	2019	3.234	Life Sciences	<u>Maryam Zarkesh</u> Azita Zadeh-Vakili Mehdi Akbarzadeh Zahra Nozhat Ahmad S. Fanaei Mehdi Hedayati Fereidoun Azizi	BRAF V600E mutation and microRNAs are helpful in distinguishing papillary thyroid malignant lesions: Tissues and fine needle aspiration cytology cases	57
10.1007/s10989-018-09800-4	2019	1.132	International Journal of Peptide Research and Therapeutics	Behnaz Mahmoodi Afsaneh Shemshaki* <u>Maryam Zarkesh*</u> Parvin Mirmiran Mehdi Hedayati	Habitual physical activity is associated with relative apelin gene expression in adipose tissues	58
https://doi.org/10.1038/s41598-019-49247-1	2019	4.011	Scientific Reports	S. Adeleh Razavi Mandana Afsharpad Mohammad Hossein Modarressi <u>Maryam Zarkesh</u> Parichehreh Yaghmaei Shirzad Nasiri S. Mohammad Tavangar Hanieh Gholami Afsoon Daneshafrooz Mehdi Hedayati	Validation of Reference Genes for Normalization of Relative qRT-PCR Studies in Papillary Thyroid Carcinoma	59
https://doi.org/10.1186/s12986-019-0389-9	2019	3.599	Nutrition & Metabolism	Emad Yuzbashian Golaleh Asghari <u>Maryam Zarkesh*</u> Maryam Aghayan Mehdi Hedayati Parvin Mirmiran* Alireza Khalaj	Dietary glycemic index and dietary glycemic load is associated with apelin gene expression in visceral and subcutaneous adipose tissues of adults	60

http://ijem.sbmu.ac.ir/article-1-2615-en.html	2019	-	Iranian journal of Endocrinology and Metabolism	Mohammad Nosrati-oskouei Mohammad Safarian Emad Yuzbashian Golaleh Asghari Maryam Zarkesh Nazanin sadat Aghili-Moghaddam Mahdi Hedayati Parvin Mirmiran Alireza Khalaj	[The Association of Omentin Gene Expression in Visceral and Subcutaneous Adipose Tissues with Plasma Fatty Acids Profile and Dietary Fatty Acids]	61
10.1016/j.gene.2020.144353 . Epub	2020	2.638	GENE	Golnoosh Kadkhodaei Maryam Zarkesh* Atoosa Saeidpour* Masoumeh Hajizadeh Mehdi Hedayati Alireza Khalaj	Association of dietary intake of fruit and green Vegetables with PTEN and P53 mRNA gene expression in visceral and subcutaneous adipose tissues of obese and non-obese adults	62
http://ijem.sbmu.ac.ir/article-1-2619-en.html	2020	-	Iranian journal of Endocrinology and Metabolism	Maryam Zarkesh Kimia Tabaei Behnaz Mahmoodi Emad Yuzbashian Golaleh Asghari Mehdi Hedayati Parvin Mirmiran Alireza Khalaj	[The Association of Daily Physical Activity and Apelin Gene Expression and Serum Concentration in Omental and Subcutaneous Adipose Tissues of Obese and Morbid Obese Adults]	63
10.5812/ijem.88192	2020	-	International journal of Endocrinology and Metabolism (IJEM)	Parisa Amiri Sara Jalali-Farahani Maryam Zarkesh Safoora Gharibzadeh Mehdi Hedayati Mahmoud Parvin Fereidoun Azizi	Behavioral interventions for weight management in overweight adolescents: A comparison between a motivation-based education program and conventional dietary counseling	64
http://jabs.fu.ms.ac.ir/article-1-2108-en.html	2020	-	Fasa University of Medical Sciences	Nilofar Sayar Masoumeh Nezhadali Mehdi Hedayati Maryam Mahdavi Mahdi Akbarzadeh Maryam Zarkesh	[Correlation of Serum Resistin Level with Insulin Resistance and Metabolic Parameters in Patients with Type 2 Diabetes and Prediabetes]	65
http://nsft.sbmu.ac.ir/article-1-2978-en.html	2020	-	Iranian Journal of Nutrition Sciences & Food Technology	M Hajizadeh oghaz G Kadkhoda M Zarkesh N Hosseinzadeh A Saidpour M Hedayati	[Association of some dietary intakes, anthropometric measurements and insulin resistance with the relative P53 gene expression in visceral and subcutaneous adipose tissue in obese, and non-obese subjects]	66
http://ijem.sbmu.ac.ir/article-1-2615-en.html	2020	-	Iranian journal of Endocrinology	Mohammad Nosrati-oskouei Mohammad Safarian Emad Yuzbashian Golaleh Asghari Maryam Zarkesh Nazanin sadat Aghili-Moghaddam Mahdi Hedayati Parvin Mirmiran Alireza Khalaj	[The Association of Omentin Gene Expression in Visceral and Subcutaneous Adipose Tissues with Plasma Fatty Acids Profile and Dietary Fatty Acids]	67
10.2174/1871520621666210118093532	2021	2.286	Anti-Cancer Agents in Medicinal Chemistry	Zahra Nozhat Maryam Zarkesh Enke Baldini Samira Mohammadi-Yeganeh Feridoun Azizi Mehdi Hedayati	Antineoplastic Activity of an Old Natural Antidiabetic Biguanoid on the Human Thyroid Carcinoma Cell Line	68

https://doi.org/10.1016/j.numeecd.2020.11.019	2021	3.7	Nutrition, Metabolism and Cardiovascular Diseases	Mohammad Nosrati-Oskouie Emad Yuzbashian <u>Maryam Zarkesh*</u> Nazanin sadat Aghili-Moghadam Mehdi Hedayati Mohammad Safarian Golaleh Asghari Alireza Khalaj Parvin Mirmiran*	Association of plasma fatty acids pattern with omentin gene expression in human adipose tissues: A cross-sectional study	69
https://doi.org/10.1159/000513885	2021	1.5	Lifestyle Genomics	Nosrati-oskouie Mohammad Asghari, Golaleh Yuzbashian, Emad Aghili-moghaddam, Nazanin <u>Zarkesh, Maryam</u> Safarian, Mohammad Mimiran, Parvin	Dietary intake: Is it an effective factor for gene expression and concentration of omentin? A systematic review	70
10.1007/s00394-020-02422-x Epub	2020	4.664	European Journal of Nutrition	Emad Yuzbashian Golaleh Asghari Catherine B Chan Mehdi Hedayati Mohammad Safarian <u>Maryam Zarkesh*</u> Parvin Mirmiran* Alireza Khalaj	The association of dietary and plasma fatty acid composition with FTO gene expression in human visceral and subcutaneous adipose tissues	71
10.1016/j.plefa.2021.102244	2021	2.864	Prostaglandins, Leukotrienes and Essential Fatty Acids	Rahim Zareie Emad Yuzbashian Hamed Rahimi Golaleh Asghari <u>Maryam Zarkesh</u> Mehdi Hedayati Abolghassem Djazayeri Ariyo Movahedi Parvin Mirmiran Alireza Khalaj	Dietary Fat Content and Adipose Triglyceride Lipase and Hormone-Sensitive Lipase Gene Expressions in Adults' Subcutaneous and Visceral Fat Tissues	72
https://doi.org/10.1038/s41598-021-85741-1	2021	3.998	Scientific Reports	Maryam S Daneshpour <u>Maryam Zarkesh</u> Sajedah Masjoodi Fereidoun Azizi Mehdi Hedayati	Chromosomal regions strongly associated with waist circumference and body mass index in metabolic syndrome: A family-based approach	73
10.2174/1381612827666210412150445	2021	2.208	Current Pharmaceutical Design	Mina Shahriri-Khalaji <u>Maryam Zarkesh</u> Zahra Nozhat	Application of Bacterial Nanocellulose in the Cancer Drug Delivery: A Systematic Review	74
https://doi.org/10.1155/2021/8846483	2021	3.411	BioMed Research International	Emad Yuzbashian Golaleh Asghari Mehdi Hedayati <u>Maryam Zarkesh*</u> Afsoon Daneshafrooz Parvin Mirmiran* Alireza Khalaj	Plasma Fatty Acid Composition Was Associated with Apelin Gene Expression in Human Adipose Tissues	75
10.1007/s11033-021-06854-4	2021	2.316	Molecular Biology Reports	Afsoon Daneshafrooz Emad Yuzbashian <u>Maryam Zarkesh*</u> Golaleh Asghari Parvin Mirmiran Mehdi Hedayati* S. Melika Fanaei Alireza Khalaj	The association of omentin gene expression and glucose homeostasis in visceral and subcutaneous adipose tissues in non-diabetic adults	76

10.1016/j.prp.2021.153694	2022	3.25	Pathology-Research and Practice	<u>Maryam Zarkesh</u> Noman Arab Zahra Nozhat Mehdi Hedayati	Utilizing the circulating tumor markers in diagnosis and management of medullary thyroid cancer: A systematic review	77
http://ijem.sbmu.ac.ir/article-1-2901-en.html	2021	-	IJEM	Azita Zadeh-Vakili Mahsa Norouzzadeh Fahimeh Ramezani Tehrani Zahra Daneshian <u>Maryam Zarkesh*</u>	[Effect of prenatal excess androgens exposure on expression of adiponectin and its receptors in ovary and granulosa cells from polycystic ovary syndrome rat model]	78
https://doi.org/10.1186/s40101-022-00286-0	2022	2.867	Journal of Physiological Anthropology	<u>Maryam Zarkesh</u> Kimia Tabae Mehdi Akbarzadeh Afsoon Daneshafrooz Azita Zadeh-Vakili	Association of miR-34a and miR-143 with PPAR γ expression and obesity-related indices in adipose tissues of non-diabetic adults	79
https://doi.org/10.1155/2022/2724324	2022	6.543	Oxidative Medicine and Cellular Longevity	Shabnam Heydarzadeh Sima Kheradmand Kia <u>Maryam Zarkesh</u> Safura Pakizehkar Samaneh Hosseinzadeh Mehdi Hedayati	The Cross-Talk between Polyphenols and the Target Enzymes Related to Oxidative Stress-Induced Thyroid Cancer	80
Accepted	2022	1.291	Iranian Journal of Public Health	<u>Maryam Zarkesh</u> Zahra Nozhat Mahdi Akbarzadeh Emad Yuzbashian Behnaz Mahmoodi Golaleh Asghari Mehdi Hedayati Afsoon Daneshafrooz Parvin Mirmiran Alireza Khalaj	Association of Habitual Physical Activity and PPAR γ Expression in Adipose Tissues of Obese and Non-obese Adults	81

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PRESENTATIONS

Type of presentation (Oral or poster)	Year	Congress' name	Authors' name	Title	No
Poster	2012	European Human Genetics Conference Nürnberg, Germany	<u>M Zarkesh</u> , MS Daneshpour, B Fam, MS Fallah, N Hosseinzadeh, K Guity, F Hosseinpanah, AA Momenan, F Azizi	Estimated heritability of the metabolic syndrome components in the Tehranian families: Tehran Lipid and Glucose Study (TLGS)	1
Poster	2012	9th European Congress of Obesity (ECO) Lyon, France	B Fam MS Daneshpour <u>M Zarkesh</u> MSFalah N Hosseinzadeh K Guity S Hosseini Pour niazi F Hossein panah AA Momenan F Azizi	Estimated heritability of obesity-related variables in the Tehran Lipid and Glucose Study (TLGS)	2
Poster	2011	The British Society for Human Genetics (BSHG)	<u>Zarkesh M</u> Daneshpour M Hedayati M Azizi F	Association of apolipoprotein AIV gene polymorphism (G360T) with metabolic syndrome in Tehran Lipid and Glucose Study	3
Poster	2011	Annual Conference of the German Genetics Society	<u>Maryam Zarkesh</u> Maryam S Daneshpour Mehdi Hedayati Fereidoun Azizi	Apolipoprotein E4 allele – predictor of obesity in men, Tehran Lipid and Glucose Study	4
Poster	2011	American Society of Human Genetics (ASHG)	M.S. Fallah M.S. Daneshpour S. Alfadhli A. Rebai, M Hedayati <u>M. Zarkesh</u> F. Azizi	Association between 11q23-25 region and triglyceride in metabolic syndrome	5
Oral	2011	3 th Iranian Congress on Obesity Prevention and Treatment	<u>M. Zarkesh</u> M.S. Daneshpour M.S. Fallah N. hosseinzadeh K. Guity F. Hosseinpanah F. Azizi	Heritability of HDL-C in metabolic syndrome family of Tehran lipid and Glucose Study	6
Poster	2011	The 9 th International Congress of Endocrine Disorders Tehran Iran	<u>Maryam Zarkesh</u> Maryam S Daneshpour Mehdi Hedayati Fereidoun Azizi	Genetic analysis of waist and BMI as an obesity component in metabolic syndrome	7
Poster	2011	The 9 th International Congress of Endocrine Disorders Tehran Iran	Maryam S Daneshpour Nima Hosseinzadeh <u>Maryam Zarkesh</u> Fereidoun Azizi	Haplotype frequency distribution for 7 microsatellites in relation to the metabolic syndrome in Four ethnic groups: TLGS	8

Poster	2011	12 th Iranian congress of genetic Tehran Iran	Maryam S Daneshpour Fam B Hedayati M Sohrab Halalkhor <u>Zarkesh, Maryam</u> Azizi, F	Age effect on the interaction between SRB-1 polymorphism and HDL-C level in Tehran lipid and Glucose Study	9
S66-S66	2011	Journal of Medical Genetics	<u>Zarkesh, Maryam</u> Daneshpour, M. S. Hedayati, M. Azizi, F	Association of apolipoprotein AIV gene polymorphism (G360T) with metabolic syndrome in Tehran Lipid and Glucose Study	10
Poster	2010	11 th Iranian congress of genetic Tehran Iran	Daneshpour M Hedayati M Eshraghi P <u>Zarkesh M</u> Faam B Azizi F	Association of genetic variants of Apo B gene with Apo B and HDL2 level in Tehranian individuals with or without Combined HDL/LDL-Cholesterol Phenotype	11
Poster	2010	European Conference of Human Genetics Gothenburg, Sweden	<u>Zarkesh M</u> Faam B Daneshpour M Hedayati M Mesbah A Halalkhor S Azizi F	Association of genetic variants of ABCA1 gene with CIII and total cholesterol level in Tehranian with or without Combined HDL/LDL-Cholesterol Phenotype	12
Poster	2010	11th Iranian congress of genetic	Faam B <u>Zarkesh M</u> Daneshpour M Hedayati M Azizi F	Impact of Apo AIV genetic polymorphism on cholesterol and apo CIII level in Tehranian with or without Combined HDL/LDL-Cholesterol Phenotype	13
Poster	2010	11 th Iranian congress of genetic	Daneshpour M Hedayati M Parisa Eshraghi <u>Maryam Zarkesh</u> Bita Fam Azizi F	X ⁺ presence in apolipoprotein B gene changes the apolipoprotein B and HDL2 level in Tehranian with or without combined HDL/LDL-Cholesterol Phenotype	14
Poster	2010	International Congress of obesity (ICO) Stockholm	Daneshpour M Faam B <u>Zarkesh M</u> Hedayati M Azizi F	Association of genetic variants of Apo E gene with TG, Apo B and LDL-C in Tehranian individuals with or without Combined HDL/LDL-Cholesterol Phenotype	15
Poster	2010	International Congress of obesity (ICO) Stockholm	Hedayati M Daneshpour M Halalkhor S <u>Zarkesh M</u> Faam B Azizi F	Impact of ABCA-I gene polymorphism on obesity related variable in Tehranian with or without Combined HDL/LDL-Cholesterol Phenotype	16
Oral	2010	2 th International of metabolic syndrome, obesity and diabetes Iran, Zanjan	<u>Hedayati M</u> Daneshpour M Halalkhor S Mesbah A Faam B <u>Zarkesh M</u> Fereidoun Azizi	Genetic risk for metabolic syndrome: examination of apolipoprotein CIII gene polymorphism related to lipid metabolism in Tehranian people	17

Poster	2009	2 nd Iranian Congress on Prevention and Management of Obesity Iran, Tehran	<u>Maryam Zarkesh</u> Maryam Sadat Daneshpour Mehdi Hedayati	The association between human adenovirus-36 and obesity	18
Poster	2009	17 th European Congress of Obesity Amsterdam, Netherlands	Daneshpour Ms Alfadhli S Houshmand M Zeinali S Hedayati M <u>Zarkesh M</u> Azizi F	Association and linkage analysis of some candidate microsatellite for obesity in metabolic syndrome	19
Oral	2009	8 th International Congress of Endocrine Disorders Iran, Tehran	<u>Maryam Sadat Daneshpour</u> Ahmed Rebai Massoud Houshmand Suad Alfadhli Sirous Zeinali Mehdi Hedayati <u>Maryam Zarkesh</u> Fereidoun Azizi	8q24.3 and 11q25 chromosomal loci association with low HDL-C in metabolic syndrome in Iranian families: New hopes for low HDL-C gene localization	20
Oral	2009	2 nd Central European Congress on Obesity (CECON) Budapest, Hungary	<u>Maryam Sadat Daneshpour</u> Suad Alfadhli Massoud Houshmand Sirous Zeinali Mehdi Hedayati <u>Maryam Zarkesh</u> Fereidoun Azizi	Allele frequency distribution data for D12S1632, D12S329, D12S96 in four ethnic groups in relation with metabolic syndrome: Tehran Lipid and Glucose Study	21
Oral	2009	2 nd Central European Congress on Obesity (CECON) Budapest, Hungary	Mehdi Hedayati <u>Maryam Sadat Daneshpour</u> Suad Alfadhli Massoud Houshmand Sirous Zeinali <u>Maryam Zarkesh</u> Fereidoun Azizi	Allele frequency distribution data for D16S3096 and D16S2624 in four ethnic groups in relation with metabolic syndrome: Tehran Lipid and Glucose Study	22
Poster	2014	The European Human Genetics Conference 2014 Milan, Italy, May 31 - June 3	Zahra Daneshian Azita Zadeh-Vakili <u>Maryam Zarkesh</u> Fahimeh Ramezani-Tehrani Mahsa Noroozadeh	The evaluation of adiponectin and its receptors (AdipoR1 and AdipoR2) genes expression in rat polycystic ovary syndrome models	23
Poster	2014	First International and 13 th National Iranian Genetics Congress from 24 th to 26 th may, Tehran, Iran	Zahra Daneshian Azita Zadeh-Vakili <u>Maryam Zarkesh</u> Fahimeh Ramezani-Tehrani Mahsa Noroozadeh Reza Mahdian	The evaluation of anti-mullerian hormone and its receptor gene expression in rat polycystic ovarian syndrome models	24
Oral	2014	First International and 13 th National Iranian Genetics Congress from 24 th to 26 th may, Tehran, Iran	<u>Maryam Zarkesh</u> Kamran Guity Farhad Hosseinpanah Nima Hosseinzadeh Maryam Barzin Maryam Sadat Daneshpour Mehdi Hedayati Fereidoun Azizi	Estimating of the Familial Aggregation of the Metabolic Syndrome among Tehranian Population	25

Poster	2014	First International and 13 th National Iranian Genetics Congress from 24 th to 26 th may, Tehran, Iran	Firoozeh Hosseini-Esfahani Parvin Mirmiran Maryam S Daneshpour Yadollah Mehrabi Mehdi Hedayati <u>Maryam Zarkesh</u> Fereidoun Azizi	Western dietary pattern interact with APOC3 polymorphism on the risk of metabolic syndrome	26
Poster	2014	The 10 th International Congress of Endocrine Disorders, Tehran, Iran	<u>Maryam Zarkesh</u> Golaleh Asghari Parisa Amiri Nima Hosseinzadeh Farhad Hosseinpanah Mehdi Hedayati Arash Ghanbarian Fereidoun Azizi	Familial aggregation of metabolic syndrome among Tehranian adults with different socio-behavioral and reproductive characteristics	27
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Poster	2014	The 10 th International Congress of Endocrine Disorders, Tehran, Iran	<u>Maryam Zarkesh</u> Shohreh Ehsandar Maryam Sadat Daneshpour Mojgan Bandehpour Suad Alfadhli Fereidoun Azizi Mehdi Hedayati	Prevalence of human adenovirus 36 and its association with dyslipidemia in the Tehran Lipid and Glucose Study	29
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Oral	2014	The 10 th International Congress of Endocrine Disorders, Tehran, Iran	A Zadeh-Vakili F Ramezani Tehrani <u>M Zarkesh</u> M Tohidi F Azizi	The association between insulin resistance and diabetogenic polymorphism is highly influenced by PCOS status	31
Poster	2014	The 10 th International Congress of Endocrine Disorders, Tehran, Iran	Maryam Shabani Marjan Afghan <u>Maryam Zarkesh</u> Mehdi Hedayati	The effect of eight weeks high intensity interval and aerobic training on PGC-1 α gene expression in cardiac muscle of male healthy rats	32
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Poster	2015	APCCN 2015, 26-29 th January Shangri-La Kuala Lumpur, Malaysia	Parisa Amiri <u>Maryam Zarkesh</u> Safoora Gharibzadeh Sara Jalali-Farahani Mehdi Hedayati Mahmoud Parvin Fereidoun Azizi	Changes of Biochemical Factors Level After a Motivation-based Weight Management Program in Overweight/obese Tehranian Adolescents During a One Year Follow-up: A Randomized Controlled Trial	34

Poster	2015	APCCN 2015, 26-29 th January Shangri- La Kuala Lumpur, Malaysia	Sara Jalali-Farahani Parisa Amiri Safoora Gharibzadeh <u>Maryam Zarkesh</u> Amir- Abbas Momenan Fereidoun Azizi	Health-related Quality of Life After A One Year Weight Management Intervention Among Overweight Adolescents: A Comparison Between Two Behavioral Modification Programs	35
Poster	2016	EASO (The European Association for the Study of Obesity) 1-4 June	<u>Maryam Zarkesh</u> Emad Yuzbashian Golaleh Asghari Mehdi Hedayati Zahra Daneshian Parvin Mirmiran Alireza Khalaj	The association between FTO and apelin mRNA expression in fat tissues among extreme obese and non-obese subjects	36
Poster	2016	EASO (The European Association for the Study of Obesity) 1-4 June	<u>Maryam Zarkesh</u> Emad Yuzbashian Golaleh Asghari Mehdi Hedayati Zahra Daneshian Parvin Mirmiran Alireza Khalaj	Is there any association between anthropometric measurements and apelin gene expression in obese and non-obese subjects?	37
Poster	2016	EASO (The European Association for the Study of Obesity) 1-4 June	Golaleh Asghari Emad Yuzbashian <u>Maryam</u> <u>Zarkesh</u> Behnaz Mahmoodi Parvin Mirmiran Mehdi Hedayati Mohammad Safarian	The association between total, animal and plant protein intakes and apelin gene expression	38
Poster	2016	EASO (The European Association for the Study of Obesity) 1-4 June	Emad Yuzbashian <u>Maryam</u> <u>Zarkesh</u> Golaleh Asghari Mohammad Safarian Behnaz Mahmoodi Aliasghar Kheirkha- Vakilabad Mehdi Hedayati Parvin Mirmiran	Association of FTO and apelin gene expression with dietary intake of fat and oil among morbid obese and non-obese subjects	39
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Poster	2016	EASO (The European Association for the Study of Obesity) 1-4 June	Golaleh Asghari Emad Yuzbashian <u>Maryam Zarkesh</u> Parvin Mirmiran Mohammad Safarian Mahdi Hedayati	Dietary sulphur-containing, aromatic, acidic, basic, and branched chain amino acids with apelin gene expression	41
Poster	2016	EASO (The European Association for the Study of Obesity) 1-4 June	Emad Yuzbashian <u>Maryam</u> <u>Zarkesh</u> Golaleh Asghari Behnaz Mahmoodi Mohammad Safarian Mehdi Hedayati Parvin Mirmiran	Is Apelin Gene Expression and Concentration Affected by Dietary Intakes? A Systematic Review	42
Poster	2016	European Human Genetics Conference 2016 Barcelona, Spain May 21-24	<u>M. Zarkesh,</u> E Yuzbashian, G. Asghari, M. Hedayati, P. Mirmiran, A. Khalaj	Is there any association between insulin resistance and apelin gene expression in non-diabetic subjects?	43

Poster	2016	European Human Genetics Conference 2016 Barcelona, Spain May 21-24	Hanieh Gholami, Sajad Jeddi, Fatemeh Rohollah, <u>Maryam Zarkesh</u> , Azita Zadeh-Vakili, Asghar Ghasemi	Fetal hypothyroidism impairs carbohydrate metabolism in young and aged offspring rats: effects on mRNA expression of glucose transporters in insulin-sensitive tissues	44
Poster	2016	European Human Genetics Conference 2016 Barcelona, Spain May 21-24	A. Zadeh-Vakili H. Karimi <u>M. Zarkesh</u> M. S. Daneshpour	Lack of association between rs1326634 polymorphism and T2D: Tehran Lipid and Glucose Study (TLGS)	45
Poster	2016	17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China	<u>Maryam Zarkesh</u> , Emad Yuzbashian, Golaleh Asghari, Mehdi Hedayati, Parvin Mirmiran, Behnaz Mahmoodi, Mohammad Safarian, Afsoon Danesh-Afroz, Alireza Khalaj	Carbohydrate intake is associated with higher apelin gene expression in visceral and subcutaneous adipose tissues	46
Poster	2016	17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China	<u>Maryam Zarkesh</u> , Emad Yuzbashian, Golaleh Asghari, Mehdi Hedayati, Parvin Mirmiran, Alireza Khalaj, Fereidoun Azizi	The association of glucose hemostasis and insulin resistance with FTO gene expression in omental and subcutaneous adipose tissues among morbid obese subjects	47
Poster	2016	17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China	Mohammad Safarian, Emad Yuzbashian, Parvin Mirmiran, <u>Maryam Zarkesh</u> , Golaleh Asghari, Behnaz Mahmoodi, Mehdi Hedayati	The association of dietary linoleic, linolenic, oleic, and arachidonic acid intakes with apelin and FTO gene expression	48
Poster	2016	17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China	Parvin Mirmiran, Emad Yuzbashian, Golaleh Asghari, <u>Maryam Zarkesh</u> , Mohammad Safarian, Behnaz Mahmoodi, Mehdi Hedayati	The association of dietary food group intakes with apelin and FTO gene expression	49
Poster	2016	17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China	Emad Yuzbashian, Mohammad Safarian, Parvin Mirmiran, <u>Maryam Zarkesh</u> , Golaleh Asghari, Behnaz Mahmoodi, Mehdi Hedayati, Fereidoun Azizi	Association of FTO and apelin gene expression with dietary glycemic index and glycemic load among morbid obese and non-obese subjects	50
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Poster	2016	11 th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, 2-4 November, 2016	Marjan Khazan <u>Maryam Zarkesh</u> Mehdi Hedayati Afsoon Daneshafrooz Safoora Gharibzadeh Maryam Sadat Daneshpour Fereidoun Azizi	Status of C-reactive protein level in metabolic syndrome subjects in Tehranian population: Tehran Lipid and Glucose Study (1999-2008)	52
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Poster	2016	11 th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, 2-4 November, 2016	<u>Maryam Zarkesh</u> Marjan Khazan Mehdi Hedayati Afsoon Daneshafrooz Safoora Gharibzadeh Maryam Sadat Daneshpour Fereidoun Azizi	Assessment of Adiponectin level in subjects with metabolic syndrome during 1999-2008: Tehran Lipid and Glucose Study (TLGS)	54
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Poster	2016	11 th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, 2-4 November, 2016	Mehdi Hedayati <u>Maryam Zarkesh</u> Marjan Khazan Afsoon Daneshafrooz Safoora Gharibzadeh Maryam Sadat Daneshpour Fereidoun Azizi	Negative correlation between adiponectin and C-reactive protein in females with metabolic syndrome: Tehran Lipid and Glucose Study	56
Poster	2016	11 th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, 2-4 November, 2016	Mehdi Hedayati Marjan Khazan <u>Maryam Zarkesh</u> Afsoon Daneshafrooz Safoora Gharibzadeh Maryam Sadat Daneshpour Fereidoun Azizi	Is there any correlation between adiponectin and interleukin-10 in metabolic syndrome? Tehran Lipid and Glucose Study (phase III)	57
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Poster	2017	24 th European Congress on Obesity, Portugal, Porto, 17-20 May 2017.	<u>Maryam Zarkesh</u> Emad Yuzbashian Kimia Tabaei Azita Zadeh-Vakili Afsoon Daneshafrooz Golaleh Asghari Parvin Mirmiran Mehdi Hedayati	The relation between PPAR- γ gene expression in visceral and subcutaneous adipose tissues and food group intakes	59

Poster	2017	24 th European Congress on Obesity, Portugal, Porto, 17-20 May 2017.	<u>Maryam Zarkesh</u> Emad Yuzbashian Kimia Tabaei Azita Zadeh-Vakili Afsoon Daneshafrooz Golaleh Asghari Parvin Mirmiran Mehdi Hedayati Alireza Khalaj	Is there any correlation between anthropometric measurements with miR-143 and -34a expression in two different adipose tissues?	60
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As principle investigator

1. Heritability of the metabolic syndrome and its components in the Tehran Lipid and Glucose Study (2011)
2. Familial aggregation of Obesity, Metabolic Syndrome and its components in the Tehran Lipid and Glucose Study (TLGS) (2012)
3. Association between 5 Single Nucleotide Polymorphism (SNP) of Cholesterol Ester Transfer Protein (CETP) gene with low HDL-C levels in Metabolic Syndrome families of Tehran Lipid and Glucose Study (TLGS) (2012)
4. The association of behavioral and environmental factors with familial aggregation of the obesity and metabolic syndrome in Tehran Lipid and Glucose Study population (2013)
5. Association Between rs7903146 in TCF7L2 Gene and rs108811661 in CDKN2A/B Gene and Type 2 Diabetes: TLGS (2015)
6. FTO gene expression analysis in adipose tissues of obese and overweight individuals using Real-time PCR assay (2015)
7. Association between apelin gene relative expression and dietary fatty acids in obese and normal weight subject (2016)
8. Association between leptin gene relative expression in subcutaneous and visceral adipose tissue and dietary fatty acids in obese and non-obese women (2016)
9. The association between serum level of leptin and dietary fatty acids in obese and non-obese, In Tehranian adults (2016)
10. Evaluation of omentin gene expression in omental and subcutaneous fats in obese and non-obese individuals (2017)
11. Assessment of miR-222 expression and its association with MMP-9 and TIMP-3 genes expression in papillary thyroid cancer (PTC) tumor (2017)
12. Assessment of miR-137 and miR-214 expression and its association with mutation of BRAF in papillary thyroid cancer (PTC) tumor (2017)
13. Assessment of miR-18b, and miR-222 expression and its association with mutation of BRAF in papillary thyroid cancer (PTC) tumor (2017)
14. Epigenetic changes in the thyroid cancer subtypes and their therapeutic application-Review (2017)
15. The correlation between the relative expression of leptin, P53 and PPAR γ genes with fatty acids intake in omental adipose tissues of normal, overweight and obese individuals: OES (2017)
16. Association of FTO relative gene expression in visceral and subcutaneous adipose tissue with the different kind of dietary carbohydrates (2018)
17. Assessment of P53 and PTEN genes methylation changes in subcutaneous and visceral adipose tissues in obese and over-weight individuals (2018)
18. Association of plasma fatty acids and dietary intake of fatty acids with plasma omentin and its gene expression in visceral and subcutaneous adipose tissue (2018)
19. Effect of dietary factors on gene expression and concentration of omentin: A systematic review of literatures (2018)
20. Evaluation of Reference Genes Expression for Normalization of Relative Real-time-PCR Studies in Human Papillary Thyroid Cancer (2018)
21. Evaluation of DNA methylation of CpG region in the promoter of the RASSF1A, TSHR, NIS, and TIMP-3 genes in papillary thyroid cancer (PTC) (2019)
22. Association between Fatty Acids Intake with Hormone Sensitive Lipase (HSL) and Adipose Triglyceride Lipase (ATGL) Gene Expression in Adults' Subcutaneous and Visceral Fat Tissues (2019)
23. Study of miR-34a and miR-143 expression levels in subcutaneous and visceral adipose tissue of obese subjects and their relation with PPAR γ gene expression level (2019)

24. Evaluation the association of apelin gene expression and its plasma levels with dietary antioxidant intake and habitual physical activity in visceral and subcutaneous adipose tissue (2019)
25. Association of IL-10 polymorphisms and obesity-related variables among the obese and normal weight subjects in Tehran Lipid and Glucose Study (TLGS) (2020)
26. Investigating the association of the serum fatty acids with apelin gene expression in visceral and subcutaneous adipose tissue (2020)
27. Association of habitual physical activity with PI3K/AKT gene expression in visceral and subcutaneous adipose tissues of obese and non-obese adults (2020)
28. The association of daily physical activity and PPAR γ gene expression of visceral and subcutaneous adipose tissues in non-diabetic obese and non-obese adults: A cross-sectional study (2021)
29. Utilizing the circulating tumor markers in the early diagnosis and management of medullary thyroid cancer: A systematic review (2021)
30. Association of miR-143 and miR-34a expression and insulin resistance of adipose tissues in adults: A cross-sectional study (2022)
31. The association of serum fatty acids and PPAR γ gene expression in adipose tissues in obese and non-obese subjects: a cross-sectional study (2022)
32. The effect of different SNPs over the FTO gene on IRX3 gene expression in visceral and subcutaneous adipose tissue-A secondary data analysis (2022)

As co-investigator

1. The association of the low HDL-C level with 8(q22.1-q24.3), 11(q23.3-q25), 12(q13.12-q15), 16(q23.3-q24.3) chromosomal region in metabolic syndrome family (2007)
2. Genetic and molecular biology projects in the "Tehran Lipid and Glucose Study" (2007)
3. Analysis of the BAX gene in Iranian patients with transitional cell (2008)
4. The association between human adenovirus-36 and obesity in Tehran glucose and lipid study (TLGS) (2009)
5. Association study of different alleles and genotypes of Insulin Receptor (INSR), Parathyroid Hormone (PTH), Vitamin D Receptor (VDR) and Adiponectin (APMI) genes with polycystic ovary syndrome (PCOs) (2009)
6. Study the effect of fish oil, olive oil, soy oil and butter oil intake on gene expression, ghrelin secretion, and quantity of food consumption in growing rats (2010)
7. Heritability of the resting energy expenditure(REE) and BMI: Tehran Lipid and Glucose Study (2011)
8. Assessing the Differences in the Heritability of Obesity-Related Factors during Childhood and Association with FTO Gene Variants among the Families of the Tehran Lipid and Glucose Study (2013)
9. Effectiveness of a Theory-based education on Obesity-Related Behaviors, laboratory indices, body composition, Body Mass Index and quality of life in overweight adolescents (2013)
10. The evaluation of reliability and validity of Iranian version of QAPACE physical activity questionnaire in adolescents (2014)
11. Study of Anti-Mullerian hormone, Adiponectin and their receptors gene expression by granulosa cells in a rat model of polycystic ovary syndrome (2015)
12. Effect of transient fetal hypothyroidism on expression of genes involved in carbohydrate metabolism in young adult and aged male offspring in rats (2015)
13. Association study of rs1111875, rs7923837 and rs5015480 polymorphisms of the HHEX gene with type 2 diabetes in Iranians (2016)
14. Evaluation the Correlation of P53 Gene Expression with Insulin Resistance and Protein intake in Obese and Non-obese Subjects (2016)
15. The effect of dietary intakes on serum and adipocyte gene expression of apelin: a systematic review (2016)
16. Association between rs5219 in KCNJ11, rs10946398 in CDKAL1 and rs4402960 in GF2BP2 polymorphisms and type 2 diabetes: TLGS (2017)
17. Coexistence of Papillary Thyroid Carcinoma in Struma Ovarii and neck With Metastases: A Case Report (2017)

18. Association between polymorphisms (G/ A at -1082, C/ T at - 819 and C/ A at - 592) of the IL-10 promoter and herpes zoster patients in an Iranian population (2017)
19. Association of serum vitamin D concentration and vitamin D intake with vitamin D receptor gene expression in visceral and subcutaneous adipose tissue in adults (2017)
20. Assessment of serum antioxidant and oxidant levels in herpes zoster patients in an Iranian population (2018)
21. Effects of long-term administration of sodium hydrogen sulfide on ischemic-reperfusion injury in rats with type 2 diabetes (2018)
22. Study of Kisspeptin antagonist effect on gonadotropin-releasing hormone (GnRH1) gene expression in hypothalamus of rats with polycystic ovary syndrome (2018)
23. Report of biochemical parameters analysis in Tehran lipid and glucose study (20 years) (2018)
24. Association of serum plasma and dietary fatty acids with plasma vaspin and gene expression of vaspin in visceral and subcutaneous adipose tissue (2019)
25. Combined effect of hyperoxia and nitrate on genes involving in hypoxia adaptation in obese and type 2 diabetic obese rats (2019)
26. The combined effect of hyperoxia and nitrate on anti-oxidants capacity in obese type 2 diabetic rats (2019)
27. The combined effect of hyperoxia and nitrate on insulin resistance and glucose homeostasis in obese type 2 diabetic rats (2019)
28. The assessment of the effect of nitrite administration on expression of browning genes in white adipose tissue in obese type 2 diabetic rats (2019)
29. Calculation of familial aggregation and heritability in families with genetic blueprint factors associated with lipid levels in cardiometabolic Tehran (2019)
30. The Assessment of Thyroid Cancer Cell Lines Metabolome by NMR Method (2020)
31. Recent developments in the molecular prognosis, diagnosis, and treatments of well-differentiated thyroid cancers: A Systematic Review (2020)
32. The association of lipophilic index with Hormone Sensitive Lipase (HSL) and Adipose Triglyceride Lipase (ATGL) Gene Expression in Subcutaneous and Visceral Fat Tissues (2020)
33. Relation of apelin relative gene expression in visceral and subcutaneous adipose tissue with sort of dietary carbohydrate intake (2020)
34. Specifying diabetes biomarkers in the TCGS within the genomic region involved in CovID-19: in silico gene expression analysis (2020)
35. Evaluation of long-term effects of nitrate administration on kidney dysfunction induced by ovariectomy in rats (2021)
36. Metabolome Assessment of rapid frozen, paraffine embedded and RNA later tissue, in human papillary thyroid cancer (2021)
37. Comparative analysis of the metabolic changes pattern of PTC, FTC, and MTC by performing GC-MS (2022)
38. Genome-Wide Association Study to recognize associated the genomic regions with obesity in the Iranian between 6-19 years old : The Tehran Cardiometabolic Genetics Study (TCGS) (2022)
39. Comparative analysis of GC-MS based metabolomics of SW1736, C643, and 8305C cancer cells treated with Tamoxifen (2022)

REVIEWER FOR JOURNALS

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 - GENETICS IN THE 3RD MILLENNIUM
 - Scimetr
 - International Journal of Endocrinology and Metabolism (IJEM)
 - Iranian Journal of Endocrinology & Metabolism
 - Journal of Obesity and Overweight (JOO)
 - Archives of Iranian Medicine (AIM)
 - A chapter of book (BENTHAM SCIENCE PUBLISHERS)
 - Endocrinology & Diabetes Case Reports
 - Journal of Hazardous Materials
 - OncoTargets and Therapy
 - AACE Journals
 - Cancer Management and Research
 - Molecular Medicine Reports
 - Scientific Reports
 - Iranian Journal of Public Health
 - Head & Neck
 - Frontiers in Medicine
 - Bosnian Journal of Basic Medical Sciences
 - International Journal of Endocrinology
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➤ REFERENCES

➤ **Fereidoun Azizi, M.D. Professor**

Professor of Internal Medicine and Endocrinology
Director, Research Institute for Endocrine Sciences
P. O. Box: 19395-4763, 1985717413; Tehran, Iran
Tel: +98 (21) 22409309; Fax: +98 (21) 22402463,
url: <http://endocrine.ad.ir/>; e-mail: azizi@endocrine.ac.ir

➤ **Mehdi Hedayati, Ph.D. Biochemistry, Professor**

Head of Cellular and Molecular Endocrine Research Center,
Research Institute for Endocrine Sciences,
Shahid Beheshti University of Medical Sciences,
No.23, Velenjak, Yemen St, Aarabi Street, Tehran, Iran,
Tel: +98(21)22432498-22432500
Email: hedayati@endocrine.ac.ir and hedayati47@gmail.com

➤ **Maryam S Daneshpour, Ph.D. Medical Molecular Genetic/Statistical Genetic, Associate Professor**

Vice-chancellor of Cellular and Molecular Endocrine Research Center,
Research Institute for Endocrine Sciences,
Shahid Beheshti University of Medical Sciences, Tehran, Iran
Email: daneshpour@endocrine.ac.ir and daneshpour@sbmu.ac.ir

➤ **Azita Zadeh-Vakili, Ph.D. Biotechnology, Associate Professor**

Endocrine Research Center,
Research Institute for Endocrine Sciences,
Shahid Beheshti University of Medical Sciences, Tehran, Iran
Email: azitavakili@gmail.com and azitavakili@endocrine.ac.ir

Curriculum Vitae