

CURRICULUM VITAE

Date of Revision: 06/22/2024

Name: Maryam Zarkesh

Education:

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| 2001-2005 B.Sc. | Cellular and Molecular Biology | <i>Azad University</i> |
| 2007-2010 M.Sc. | Cellular and Molecular Biology Microbiology <i>Thesis: "Evaluation of Iron Acquisition, Alfa Hemolysin Toxin Generator and Cytotoxic Necrosis Factor Genes Existence in Uropathogenic Escherichia coli by Multiplex PCR assay"</i> Mentor: Dr. Jalil Fallah | <i>Azad University</i> |
| 2013-2014 MPhil | | <i>Shahid Beheshti University of Medical Sciences, Tehran, Iran</i> |
| 2014-2018 Ph.D. | Biomedical Sciences Molecular Genetics <i>Thesis: "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)"</i> Mentor: Dr. Mehdi Hedayati & Prof. Fereidoun Azizi | <i>Shahid Beheshti University of Medical Sciences, Tehran, Iran</i> |

Career/Academic Appointments:

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| 2008-2009 | Researcher | <i>Molecular Biology Laboratory, Research Institute for Urology Nephrology Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran</i> |
| 2007-2020 | Junior & Senior Researcher | <i>Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, WHO collaborating center, Tehran, Iran</i> |
| 2011-Present | 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 | <i>Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, WHO collaborating center, Tehran, Iran</i> |
| 2020-Present | Faculty Member Assistant Professor | <i>Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, WHO collaborating center, Tehran, Iran</i> |

Administrative Position:

- Supervisor of Real-Time PCR lab

Professional Honors & Recognition:

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| 2011 | Elected as Prominent junior researcher at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences |
| 2016 | Awarded Travel Grant from International Society of Endocrinology to attend 17th International Congress of Endocrinology, Beijing, China |
| 2017 | Awarded Travel Grant from European Society of Endocrinology to attend 19th European Congress of Endocrinology, Lisbon, Portugal |
| 2018 | Awarded Travel Grant from the Korean Endocrine Society (KES) to attend The 6th Seoul International Congress of Endocrinology and Metabolism, Seoul, Korea |
| 2018 | Elected At the National Student Committee, earning a score of 290/354, as a researcher student (brilliant talented student) |
| 2019 | Elected as Prominent senior researcher at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences |

Grants:

- 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
- 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), **2022**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for publishing article in journals with impact factor more than 4 (Grant NO: 43006184), **2024**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for Young Assistant Professor (Grant NO: 43007942), **2024**, Iran
- Research Grant from **Shahid Beheshti University of Medical Science** for publishing article in journals with impact factor more than 4 (Grant NO: 43008466), **2024**, Iran

Lectures, Courses:

- 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, 2008
- 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, 2009
- 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, 2010
- Taking part in workshop entitled Research Methodology as a trainer held at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, 2017
- Taking part in workshop entitled Molecular Techniques as a trainer held at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, 2022
- Taking part in workshop entitled Basics of Clinical Genetics and Techniques as a trainer held at Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, 2024

Congress Presentation:

Oral presentations:

1. 8th International Congress of Endocrine Disorders Iran, Tehran, Maryam Sadat Daneshpour, Ahmed Rebai, Massoud Houshmand, Suad Alfadhli, Sirous Zeinali, Mehdi Hedayati, **Maryam Zarkesh**, 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", 2009
2. 2nd Central European Congress on Obesity (CECON), Budapest, Hungary, Maryam Sadat Daneshpour, Suad Alfadhli, Massoud Houshmand, Sirous Zeinali, Mehdi Hedayati, **Maryam Zarkesh**, Fereidoun Azizi, "Allele frequency distribution data for D12S1632, D12S329, D12S96 in four ethnic groups in relation with metabolic syndrome: Tehran Lipid and Glucose Study", 2009
3. 2nd Central European Congress on Obesity (CECON) Budapest, Hungary, Mehdi Hedayati, Maryam Sadat Daneshpour, Suad Alfadhli, Massoud Houshmand, Sirous Zeinali, **Maryam Zarkesh**, Fereidoun Azizi, "Allele frequency distribution data for D16S3096 and D16S2624 in four ethnic groups in relation with metabolic syndrome: Tehran Lipid and Glucose Study", 2009
4. 2th International of metabolic syndrome, obesity and diabetes, Zanjan, Iran, Hedayati M, Daneshpour M, Halalkhor S, Mesbah A, Faam B, **Maryam Zarkesh**, Azizi F, "Genetic risk for metabolic syndrome: examination of apolipoprotein CIII gene polymorphism related to lipid metabolism in Tehranian people", 2010
5. 3th Iranian Congress on Obesity Prevention and Treatment, Tehran, Iran, **Maryam Zarkesh**, Maryam Sadat Daneshpour, Mohammad Sadegh Fallah, Nima hosseinzadeh, Kamran Guity, Farhad Hosseinpanah, Fereidoun Azizi, "Heritability of HDL-C in metabolic syndrome family of Tehran lipid and Glucose Study", 2011
6. First International and 13th National Iranian Genetics Congress, Tehran, Iran, **Maryam Zarkesh**, 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", 2014
7. 10th International Congress of Endocrine Disorders, Tehran, Iran, A Zadeh-Vakili, F Ramezani Tehrani, **Maryam Zarkesh**, M Tohidi, F Azizi, "The association between insulin resistance and diabetogenic polymorphism is highly influenced by PCOS status", 2014
 8. The European Association for the Study of Obesity, Emad Yuzbashian, **Maryam Zarkesh**, Golaleh Asghari, Behnaz Mahmoodi, Mohammad Safarian, Mehdi Hedayati, Parvin Mirmiran, "Fatty acids intakes are associated with higher apelin gene expression in visceral and subcutaneous adipose tissues", 2016
 9. 11th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, **Maryam Zarkesh**, Marjan Khazan, Mehdi Hedayati, Afsoon Daneshafrooz, Safoora Gharibzadeh, Maryam Sadat Daneshpour, Fereidoun Azizi, "Status of interleukin-6 and homocysteine during 1999-2008 in metabolic syndrome: Tehran Lipid and Glucose Study (1999-2008)", 2016
 10. 19th European Congress of Endocrinology (ECE), Lisbon, Portugal, Emad Yuzbashian, **Maryam Zarkesh**, Golaleh Asghari, Azita Zadeh-Vakili, Behnaz Mahmoodi, Mehdi Hedayati, Parvin Mirmiran, Alireza Khalaj, "Association of PPAR gamma gene expression with dietary intake of fat and oil among non-diabetic subjects", 2017
 11. 5th Seoul International Congress of Endocrinology and Metabolism, Emad Yuzbashian, **Maryam Zarkesh**, Golaleh Asghari, Azita Zadeh-Vakili, Behnaz Mahmoodi, Safarian, Mehdi Hedayati, Parvin Mirmiran, "Habitual intake fatty acids intakes and expression of mir-143 and mir-34a in visceral and subcutaneous adipose tissues", 2017
 12. 21st International Congress of Nutrition, Buenos Aires, Yuzbashian, Emad, Mahmoodi, Behnaz, Mirmiran, Parvin, Safarian, Mohammad, **Zarkesh, Maryam**, Hedayati, Mehdi, Khalaj, Alireza, Asghari, Golaleh, Zadeh-Vakili, Azitah, Daneshafrooz, Afsoon, "Association of PPAR gamma gene expression with dietary intake of fat and oil among non-diabetic subjects", 2017
 13. 21st International Congress of Nutrition, Buenos Aires, Yuzbashian, Emad, Mahmoodi, Behnaz, Zadeh-Vakili, Azitah, **Zarkesh, Maryam**, Daneshafrooz, Afsoon, Mirmiran, Parvin, Asghari, Golaleh, Hedayati, Mehdi, Tabaei, Kimia, Khalaj, Alireza, "Carbohydrate intake is associated with higher apelin gene expression in visceral and subcutaneous adipose tissues", 2017
 14. 21st International Congress of Nutrition, Buenos Aires, Mahmoodi, Behnaz, Shemshaki, Afsaneh, Yuzbashian, Emad, **Zarkesh, Maryam**, Hedayati, Mehdi, Asghari, Golaleh, Safarian, Mohammad, Mirmiran, Parvin, "Habitual physical activity and apelin gene expression in visceral and subcutaneous adipose tissues among morbid obese and non-obese subjects", 2017
 15. 6th Seoul International Congress of Endocrinology and Metabolism, **Maryam Zarkesh**, Zahra Nozhat, Azita Zadeh-Vakili, Fereidoun Azizi, Ahmad S. Fanaei, Mahdi Akbarzadeh, Afsoon Daneshafrooz, Mehdi Hedayati, "The association of miR-222 and miR-214 Expression with BRAF V600E Mutation and Clinicopathological Features in Iranian PTC subjects", 2018
 16. 22nd European Congress of Endocrinology (e-ECE), Emad Yuzbashian, Golaleh Asghari, **Maryam Zarkesh**, Parvin mirmiran, Mehdi Hedayati, Alireza Khalaj, "Association of dietary and plasma fatty

acids with adipose triglyceride lipase (ATGL) and hormone-sensitive lipase (HSL) gene expression in human adipose tissues”, 2020

17. 22nd European Congress of Endocrinology (e-ECE), Behnaz Mahmoodi, Emad Yuzbashian, Golaleh Asghari, **Maryam Zarkesh**, Mehdi Hedayati, Parvin mirmiran, Alireza Khalaj, “Dietary intake of fat and oil are associated with expression of miR-143 and miR-34a in visceral and subcutaneous adipose tissues: a nutriepigenetic study”, 2020
18. 9th Iranian Congress on Obesity Prevention and Treatment, Tehran, Iran, Maryam Sanoie, **Maryam Zarkesh**, Mahdi Akbarzadeh, Mehdi Hedayati “Association of Plasma Level of Fatty Acids with PPAR γ Gene Expression in Adipose tissue of Obese and Non-obese Subjects with Lipidomic Approach”, 2024

Poster presentations:

1. 2nd Iranian Congress on Prevention and Management of Obesity Iran, Tehran, **Maryam Zarkesh**, Maryam Sadat Daneshpour, Mehdi Hedayati, The association between human adenovirus-36 and obesity, 2009
2. 17th European Congress of Obesity, Amsterdam, Netherlands, Daneshpour Ms, Alfadhli S, Houshmand M, Zeinali S, Hedayati M, **Zarkesh M**, Azizi F, Association and linkage analysis of some candidate microsatellite for obesity in metabolic syndrome, 2009
3. 11th Iranian congress of genetic, Tehran, Iran, Daneshpour M, Hedayati M, Eshraghi P, **Zarkesh M**, 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, 2010
4. European Conference of Human Genetics, Gothenburg, Sweden, **Zarkesh M**, Faam B, Daneshpour M, Hedayati M, Mesbah A, Halalkhor S, Azizi F, Association of genetic variants of ABCA1 gene with CIII and total cholestrol level in Tehranian with or without Combined HDL/LDL-Cholesterol Phenotype, 2010
5. 11th Iranian congress of genetic, Faam B, **Zarkesh M**, 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, 2010
6. 11th Iranian congress of genetic, Daneshpour M, Hedayati M, Parisa Eshraghi, **Maryam Zarkesh**, Bitam 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, 2010
7. International Congress of obesity (ICO) Stockholm, Daneshpour M, Faam B, **Zarkesh M**, 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, 2010
8. International Congress of obesity (ICO) Stockholm, Hedayati M, Daneshpour M, Halalkhor S, **Zarkesh M**, Faam B, Azizi F, Impact of ABCA-I gene polymorphism on obesity related variable in Tehranian with or without Combined HDL/LDL-Cholesterol Phenotype, 2010
9. The British Society for Human Genetics (BSHG), **Zarkesh M**, Daneshpour M, Hedayati M, Azizi F, Association of apolipoprotein AIV gene polymorphism (G360T) with metabolic syndrome in Tehran Lipid and Glucose Study, 2011
10. Annual Conference of the German Genetics Society, **Maryam Zarkesh**, Maryam S Daneshpour, Mehdi Hedayati, Fereidoun Azizi, Apolipoprotein E4 allele – predictor of obesity in men, Tehran Lipid and Glucose Study, 2011

11. American Society of Human Genetics (ASHG), M.S. Fallah, M.S. Daneshpour, S. Alfadhli, A. Rebai, M, Hedayati, **M. Zarkesh**, F. Azizi, Association between 11q23-25 region and triglyceride in metabolic syndrome, 2011
12. 9th International Congress of Endocrine Disorders, Tehran, Iran, **Maryam Zarkesh**, Maryam S Daneshpour, Mehdi Hedayati, Fereidoun Azizi, Genetic analysis of waist and BMI as an obesity component in metabolic syndrome, 2011
13. 9th International Congress of Endocrine Disorders, Tehran, Iran, Maryam S Daneshpour, Nima Hosseinzadeh, **Maryam Zarkesh**, Fereidoun Azizi, Haplotype frequency distribution for 7 microsatellites in relation to the metabolic syndrome in Four ethnic groups: TLGS, 2011
14. 12th Iranian congress of genetic, Tehran, Iran, Maryam S Daneshpour, Fam B, Hedayati M, Sohrab Halalkhor, **Zarkesh, Maryam**, Azizi, F, Age effect on the interaction between SRB-1 polymorphism and HDL-C level in Tehran lipid and Glucose Study, 2011
15. Journal of Medical Genetics, **Zarkesh, Maryam**, Daneshpour, M. S., Hedayati, M., Azizi, F, Association of apolipoprotein AIV gene polymorphism (G360T) with metabolic syndrome in Tehran Lipid and Glucose Study, 2011
16. European Human Genetics Conference, Nurnberg, Germany, **M Zarkesh**, 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), 2012
17. 9th European Congress of Obesity (ECO), Lyon, France, B Fam, MS Daneshpour, **M Zarkesh**, MS Fallah, 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), 2012
18. The European Human Genetics Conference, Milan, Italy, Zahra Daneshian, Azita Zadeh-Vakili, **Maryam Zarkesh**, Fahimeh Ramezani-Tehrani, Mahsa Noroozadeh, The evaluation of adiponectin and its receptors (AdipoR1 and AdipoR2) genes expression in rat polycystic ovary syndrome models, 2014
19. First International and 13th National Iranian Genetics Congress, Tehran, Iran, Zahra Daneshian, Azita Zadeh-Vakili, Maryam Zarkesh, Fahimeh Ramezani-Tehrani, Mahsa Noroozadeh, Reza Mahdian, The evaluation of anti-mullerian hormone and its receptor gene expression in rat polycystic ovarian syndrome models, 2014
20. First International and 13th National Iranian Genetics Congress, Tehran, Iran, 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, 2014
21. The 10th International Congress of Endocrine Disorders, Tehran, Iran, **Maryam Zarkesh**, 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, 2014
22. The 10th International Congress of Endocrine Disorders, Tehran, Iran, **Maryam Zarkesh**, Mahdi Taghaddosi, Azita Zadeh-Vakili, Fereidoun Azizi, Mehdi Hedayati, Importance of epigenetic changes in the thyroid cancer incidence and their therapeutic application, 2014
23. The 10th International Congress of Endocrine Disorders, Tehran, Iran, , **Maryam Zarkesh**, 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, 2014

24. The 10th International Congress of Endocrine Disorders, Tehran, Iran, Shohreh Ehsandar, **Maryam Zarkesh**, Mehdi Hedayati, A Review on Genetic and Epigenetic Aspects of Type 2 Diabetes, 2014
25. The 10th International Congress of Endocrine Disorders, Tehran, Iran, Maryam Shabani, Marjan Afghan, **Maryam Zarkesh**, 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, 2014
26. APCCN, Shangri-La Kuala Lumpur, Malaysia, Parisa Amiri, Sara Jalali-Farahani, **Maryam Zarkesh**, Safoora Gharibzadeh, Parvin Mirmiran, Fereidoun Azizi, Body Composition Changes in a Randomized Controlled Trial for Motivating Weight Management in Overweight/obese Tehranian Adolescents During One Year Follow-up, 2015
27. APCCN, Shangri-La Kuala Lumpur, Malaysia, Parisa Amiri, **Maryam Zarkesh**, 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, 2015
28. APCCN, Shangri-La Kuala Lumpur, Malaysia, Sara Jalali-Farahani, Parisa Amiri, Safoora Gharibzadeh, **Maryam Zarkesh**, 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, 2015
29. European Association for the Study of Obesity (EASO), **Maryam Zarkesh**, 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, 2016
30. European Association for the Study of Obesity (EASO), **Maryam Zarkesh**, 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? , 2016
31. European Association for the Study of Obesity (EASO), Golaleh Asghari, Emad Yuzbashian, **Maryam Zarkesh**, Behnaz Mahmoodi, Parvin Mirmiran, Mehdi Hedayati, Mohammad Safarian, The association between total, animal and plant protein intakes and apelin gene expression, 2016
32. European Association for the Study of Obesity (EASO), Emad Yuzbashian, **Maryam Zarkesh**, Golaleh Asghari, Mohammad Safarian, Behnaz Mahmoodi, Aliasghar Kheirkhah-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, 2016
33. European Association for the Study of Obesity (EASO), Golaleh Asghari, Emad Yuzbashian, **Maryam Zarkesh**, Parvin Mirmiran, Mohammad Safarian, Mehdi Hedayati, Dietary sulphur-containing, aromatic, acidic, basic, and branched chain amino acids with apelin gene expression, 2016
34. European Association for the Study of Obesity (EASO), Emad Yuzbashian, **Maryam Zarkesh**, Golaleh Asghari, Behnaz Mahmoodi, Mohammad Safarian, Mehdi Hedayati, Parvin Mirmiran, Is Apelin Gene Expression and Concentration Affected by Dietary Intakes? A Systematic Review, 2016
35. European Human Genetics Conference, Barcelona, Spain, **M. Zarkesh**, 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? , 2016

36. European Human Genetics Conference, Barcelona, Spain, Hanieh Gholami, Sajad Jeddi, Fatemeh Rohollah, **Maryam Zarkesh**, 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, 2016
37. European Human Genetics Conference, Barcelona, Spain, Azita Zadeh-Vakili, H. Karimi, **M. Zarkesh**, M. S. Daneshpour, Lack of association between rs1326634 polymorphism and T2D: Tehran Lipid and Glucose Study (TLGS) , 2016
38. 17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China, **Maryam Zarkesh**, 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, 2016
39. 17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China, **Maryam Zarkesh**, 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, 2016
40. 17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China, Mohammad Safarian, Emad Yuzbashian, Parvin Mirmiran, **Maryam Zarkesh**, Golaleh Asghari, Behnaz Mahmoodi, Mehdi Hedayati, The association of dietary linoleic, linolenic, oleic, and arachidonic acid intakes with apelin and FTO gene expression, 2016
41. 17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China, Parvin Mirmiran, Emad Yuzbashian, Golaleh Asghari, **Maryam Zarkesh**, Mohammad Safarian, Behnaz Mahmoodi, Mehdi Hedayati, The association of dietary food group intakes with apelin and FTO gene expression, 2016
42. 17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China, Emad Yuzbashian, Mohammad Safarian, Parvin Mirmiran, **Maryam Zarkesh**, 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, 2016
43. 17th International Congress of Endocrinology, August 31- September 4, 2016 in Beijing, China, Emad Yuzbashian, Mohammad Safarian, **Maryam Zarkesh**, Golaleh Asghari, Behnaz Mahmoodi, Mehdi Hedayati, Parvin Mirmiran, Fereidoun Azizi, The association between total antioxidant capacity and apelin gene expression, 2016
44. 11th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, Marjan Khazan, **Maryam Zarkesh**, Mehdi Hedayati, Afsoon Daneshafroz, 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) , 2016
45. 11th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, Marjan Khazan, **Maryam Zarkesh**, Mehdi Hedayati, Afsoon Daneshafroz Safoora Gharibzadeh Maryam Sadat Daneshpour, Fereidoun Azizi, Plasma level of interleukin-10 in Tehranian population females during 1999-2008: Tehran Lipid and Glucose Study (TLGS), 2016
46. 11th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, **Maryam Zarkesh**, Marjan Khazan, Mehdi Hedayati, Afsoon Daneshafroz 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) , 2016
47. 11th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, Mehdi Hedayati, **Maryam Zarkesh**, 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, 2016
 48. 11th International Congress of Endocrine Disorders, Shahid Beheshti International Convention Center, Mehdi Hedayati, Marjan Khazan, **Maryam Zarkesh**, 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), 2016
 49. 9th International Congress of Laboratory and Clinic, Tehra, Iran, Imam Khomeini Hospital, Seyedeh Adeleh Razavi, Laleh Hoghooghi Rad, Hoda Golab Ghadaksaz, **Maryam Zarkesh**, Afsoon Daneshafrooz, Mehdi Hedayati, Plasma Level of Phosphatase and Tensin Homolog (PTEN) in Multinodular Goiter, 2017
 50. 24th European Congress on Obesity, Portugal, Porto, **Maryam Zarkesh**, 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, 2017
 51. 24th European Congress on Obesity, Portugal, Porto, **Maryam Zarkesh**, 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?, 2017
 52. 24th European Congress on Obesity, Portugal, Porto, Safarian, M. Yuzbashian, E. **Zarkesh, M.** Asghari, G. Mirmiran, P. Mahmoodi, B. Hedayati, M. Daneshafrooz, A Khalaj, A. Association of FTO and apelin gene expression with dietary glycemic index and glycemic load among morbid obese and non-obese subjects, 2017
 53. 24th European Congress on Obesity, Portugal, Porto, Safarian, M. Yuzbashian, E. **Zarkesh, M.** Asghari, G. Mahmoodi, B. Mirmiran, P. Hedayati, M. Total antioxidant capacity and apelin gene expression in visceral and subcutaneous adipose tissues among obese and non-obese subjects, 2017
 54. ECE 2017, Lisbon, Portugal, **Maryam Zarkesh**, Emad Yuzbashian, Azita Zadeh-Vakili, Kimia Tabaei, Afsoon Daneshafrooz, Golaleh Asghari, Parvin Mirmiran, Mehdi Hedayati, The Association of Anthropometric Measurements and PPAR- γ Gene Expression among Healthy Adult Subjects, 2017
 55. ECE 2017, Lisbon, Portugal, **Maryam Zarkesh**, Mehdi Hedayati, Azita Zadeh-Vakili, Afsoon Daneshafrooz, S Adeleh Razavi, S-Ahmad Fanaei, Forough Foroughi Fereidoun Azizi, Association of TIMP-3 expression and BRAF V600E mutation status in papillary thyroid cancer, 2017
 56. ECE 2017, Lisbon, Portugal, Emad Yuzbashian, **Maryam Zarkesh**, Golaleh Asghari, Azita Zadeh-Vakili, Behnaz Mahmoodi, Afsoon Daneshafrooz Mehdi Hedayati, Parvin Mirmiran, Dietary intake of linoleic, linolenic, oleic, and arachidonic acid PPAR-gamma gene expression in visceral and subcutaneous adipose tissue among healthy subjects, 2017
 57. 5th Seoul International Congress of Endocrinology and Metabolism, Emad Yuzbashian, **Maryam Zarkesh**, Golaleh Asghari, Azita Zadeh-Vakili Behnaz Mahmoodi, Mehdi Hedayati, Safarian, M., Parvin Mirmiran, Habitual intake of fatty acids and its subtypes with PPAR Gamma gene expression in visceral and subcutaneous human adipose tissues, 2017

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74. Obesity Congress, Tehran, Iran, Maryam Sanoie, **Maryam Zarkesh**, Mehdi Hedayati, A review of the potential role of the peroxisome proliferator-activated receptor gamma in obesity, 2023
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Professional service

Expert Reviewer for Journals:

| Journal name | IF (2021) | Q |
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| Journal of Hazardous Materials | 14.224 | Q1 |
| Frontiers in Medicine | 9.927 | Q1 |
| Frontiers in Endocrinology | 6.055 | Q1 |
| Scientific Reports | 4.997 | Q1 |
| Epigenetics | 4.861 | Q2 |
| OncoTargets and Therapy | 4.345 | Q1 |
| Obesity Research & Clinical Practice | 4.300 | Q2 |
| Head & Neck | 3.821 | Q1 |
| BMC cancer | 3.800 | Q2 |
| Bosnian Journal of Basic Medical Sciences | 3.767 | Q1 |
| Cancer Management and Research | 3.602 | Q2 |
| Molecular Medicine Reports | 3.423 | Q2 |
| International Journal of Endocrinology | 2.803 | Q2 |
| BMC Endocrine Disorders | 2.700 | Q3 |
| Iranian Journal of Public Health | 1.479 | Q3 |
| Iranian Red Crescent Medical Journal | 0.436 | Q4 |
| International Journal of Endocrinology and Metabolism (IJEM) | 0 | Q3 |
| Annals of Medical and Health Sciences Research | 0 | - |
| AACE Journals | - | - |
| Thrita Journal of Medical Sciences | - | - |
| GENETICS IN THE 3RD MILLENNIUM | - | - |
| Scimetr | - | - |
| Iranian Journal of Endocrinology & Metabolism | - | - |
| Journal of Obesity and Overweight (JOO) | - | - |
| Endocrinology & Diabetes Case Reports | - | - |
| A chapter of book (BENTHAM SCIENCE PUBLISHERS) | - | - |

Membership:

- Member of Iranian Obesity Society
- Member of Iranian Genetic Society
- Member of European Endocrine Society

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Chapters, Book:

Collaboration in book translation:

Williams text book of Endocrinology 14th Edition:

- Transgender Endocrinology, section V, session 21
- Endocrinology of Fetal Development, section VI, session 23
- Neuroendocrine Control of Energy Stores, section VIII, session 39
- Managing Reproductive Disorders in Cancer, section IX, session 46