

• **Firoozeh Hosseini-Esfahani**

BS. in Nutrition, Shahid Beheshti University of Medical Sciences  
MSc in Public Health Nutrition, Tehran University of Medical Sciences  
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**Honors and Awards:**

- Distinguished Researcher, Award given by the chancellor of Shahid Beheshti University of Medical Sciences, 2012
- Distinguished Researcher, Award given by the chancellor of Shahid Beheshti University of Medical Sciences, 2016

**Work Experience:**

1. Nutrients, diet-gene interaction analysis
2. Nutritional epidemiology; determining priori and posterior dietary patterns of adolescents and adult population and its relation with obesity and cardiovascular risk factors as my MSc thesis
3. Responsible for writing up research papers and presenting research findings in congress
4. Producing regular reports for senior management and specialists in different areas
5. Data analysis and assistance with writing up research papers by junior postgraduate students
6. Determining the validity and reliability of food frequency questionnaire using in assessing nutritional status of different populations
7. Conducting lectures in workshops, themes include how to manage obesity through dietary planning using dietary guidelines and food exchange list

8. Plan a variety of pamphlets, booklets providing nutrition education materials and resources for readers from young adolescents to old adults, helping them understand the importance of eating well as a component of healthy lifestyle promotion project
9. Plan a curriculum that provide materials and nutrition education for school officials and parents as a component healthy lifestyle promotion project
10. Conducting lectures for women on healthy dietary patterns in religious ceremonies as a component healthy lifestyle promotion project
11. Peer reviewing proposals and manuscripts.

**Articles:**

1. Azadbakht L, Mirmiran P, **Hosseini F**, Azizi F. Diet quality of most Tehranian adults needs improvement. *Asia Pacific J Clin Nutr* 2005; 14: 163-168.
2. Azizi F, Ghanbarian A, Momenan AA, Hadaegh F, Mirmiran P, Hedayati M, Mehrabi Y, Zahedi-Asl S; the **Tehran Lipid and Glucose Study Group**. Prevention of non-communicable disease in a population in nutrition transition: Tehran Lipid and Glucose Study phase II. *Trials* 2009; 10(1):5.
3. Ziaee A, Mirmiran P, Hosseini F, Momenan AA, Samiee Rad F, Azizi F. Correlation of obesity and cardiovascular diseases risk factors in girls: Tehran Lipid and Glucose Study. *Int J Endocrinol Metab* 2009; 1: 35-40.
4. Mirmiran P, **Hosseini-Esfahani F**, Mehrabi Y, Hedayati M, Azizi F. Reliability and relative validity of an FFQ for nutrients in the Tehran Lipid and Glucose Study. *Public Health Nutr* 2010; 13(5):654-62.
5. **Hosseini-Esfahani F**, Asghari G, Mirmiran P, Azizi F. Reproducibility and relative validity of food group intake in a food frequency questionnaire developed for Tehran Lipid and Glucose Study. *J Epidemiol* 2010; 20(2):150-8.
6. Sherafat kazemzadeh R, Eghtesadi S, Mirmiran P, Gohari M, Jalali-Farahani S, **Hosseini-Esfahani F**, Vafa MR, Hedayati M, Azizi F. Dietary patterns by reduced rank regression predicting changes in obesity indices in a cohort study: Tehran Lipid and Glucose Study. *Asia Pac J Clin Nutr* 2010; 19(1): 22-32.
7. Mirmiran P, Mohammadi-Nasrabadi F, Omidvar N, **Hosseini-Esfahani F**, Hamayeli-Merabani H, Mehrabi Y, Azizi F. Nutritional knowledge, attitude and practice of Tehranian

- adults and their relation to serum lipid and lipoproteins: Tehran lipid and glucose study. *Ann Nutr Metab* 2010;56(3):233-40.
8. **Hosseini-Esfahani F**, Jessri M, Mirmiran P, Bastan S, Azizi F. Adherence to dietary recommendations and risk of metabolic syndrome: Tehran Lipid and Glucose Study. *Metabolism* 2010;59(12):1833-42. Epub 2010 Jul 29.
  9. Mirmiran P, **Hosseini-Esfahani F**, Jessri M, Mahan LK, Shiva N, Azizi F. Does dietary intake of Tehran adults align with the 2005 Dietary Guidelines for Americans? Observations from Tehran Lipid and Glucose Study. *J Health Popul Nutr* 2011; 29(1):39-52.
  10. Tohidi M, Ghasemi A, Hadaegh F, Arbabi S, **Hosseini-Isfahani F**. Intra-erythrocyte Magnesium Is Associated with Gamma-Glutamyl Transferase in Obese Children and Adolescents. *Biol Trace Elem Res.* 2011;143(2):835-43. Epub 2011 Jan 11.
  11. **Hosseini-Esfahani F**, Djazaieri SA, Mirmiran P, Mehrabi Y, Azizi F. Which food patterns are predictors of obesity in Tehranian adults? *J Nutr Educ Behav.* 2012;44(6):564-73.
  12. Koochek A, Mirmiran P, Sundquist K, **Hosseini F**, Azizi T, Moeini AS, Johansson SE, Karlström B, Azizi F, Sundquist J. Dietary differences between elderly Iranians living in Sweden and Iran a cross-sectional comparative study. *BMC Public Health.* 2011 May 31;11:411.
  13. **Hosseini-Esfahani F**, Jessri M, Mirmiran P, Sadeghi M, Azizi F. Does the Diet of Tehranian Adults Ensure the Compliance with Nutritional Targets? Observations from Tehran Lipid and Glucose Study. *Public Health Nutr.* 2011 Sep;14(9):1539-48. Epub 2011 Apr 19.
  14. Hekmatdoost A, Mirmiran P, **Hosseini-Esfahani F**, Azizi F. Dietary fatty acid composition and metabolic syndrome in Tehranian adults. *Nutrition.* 2011;27(10):1002-7.
  15. **Hosseini-Esfahani F**, MousaviNasl Khameneh A, Mirmiran P, Ghanbarian A, Azizi F. Trends in Cardiovascular Disease Risk Factors among Adolescents: Tehran Lipid and Glucose Study, 1999-2008. *J Epidemiol.* 2011;21(5):319-28. Epub 2011 Jul 30.
  16. **Hosseini-Esfahani F**, Bahadoran Z, Mirmiran P, Hosseinpour-Niazi S, Hosseinpanah F, Azizi F. Dietary fructose and risk of metabolic syndrome in adults: Tehran Lipid and Glucose study. *Nutr Metab (Lond).* 2011;8(1):50.

17. Hosseinpour-Niazi S, Mirmiran P, Sohrab G, **Hosseini-Esfahani F**, Azizi F. Inverse association between fruit, legume, and cereal fiber and the risk of metabolic syndrome: Tehran Lipid and Glucose Study. *Diabetes Res Clin Pract.* 2011;94(2):276-83.
18. Mirmiran P, Shab-Bidar S, **Hosseini-Esfahani F**, Asghari G, Hosseinpour-Niazi S, Azizi F. Magnesium intake and prevalence of metabolic syndrome in adults: Tehran Lipid and Glucose Study. *Public Health Nutr.* 2012 Apr;15(4):693-701. Epub 2012 Jan 5.
19. Asghari G, Rezazadeh A, **Hosseini-Esfahani F**, Mehrabi Y, Mirmiran P, Azizi F. Reliability, comparative validity and stability of dietary patterns derived from an FFQ in the Tehran Lipid and Glucose Study. *Br J Nutr.* 2012;108(6):1109-17. Epub 2012 Jan 17.
20. Bahadoran Z, Mirmiran P, Golzarand M, **Hosseini-Esfahani F**, Azizi F. Fast food consumption in Iranian adults; dietary intake and cardiovascular risk factors: Tehran Lipid and Glucose Study. *Arch Iran Med* 2012; 15(6):346-51.
21. Hosseinpour-Niazi S, Mirmiran P, Amiri Z, **Hosseini-Esfahani F**, Shakeri N, Azizi F. Legume Intake is Inversely Associated with Metabolic Syndrome in Adults. *Arch Iran Med* 2012; 15(9):538-44.
22. Ghasemi A, Zahediasl S, **Hosseini-Esfahani F**, Azizi F. Reference Values for Serum Zinc Concentration and Prevalence of Zinc Deficiency in Adult Iranian Subjects. *Biol Trace Elem Res* 2012 Dec;149(3):307-14.
23. Ghasemi A, Zahediasl S, **Hosseini-Esfahani F**, Syedmoradi L, Azizi F. Pediatric reference values for serum zinc concentration in Iranian subjects and an assessment of their dietary zinc intakes. *Clin Biochem* 2012;45(15):1254-6.
24. Bahar A, **Hosseini-Esfahani F**, Asghari-Jafarabadi M, Mehrabi Y, Azizi F. The structure of metabolic syndrome components across follow-up survey from childhood to adolescence. *Int J Endocrinol Metab* 2013, 11(1): 16-22.
25. Asghari G, Mirmiran P, **Hosseni-Esfahani F**, Nazeri P, Mehran M, **Azizi F**. Dietary quality among Tehranian adults in relation to lipid profile: findings from the Tehran Lipid and Glucose Study. *J Health Popul Nutr* 2013;31(1):37-48.
26. Shab-bidar S, **Hosseini-Esfahani F**, Mirmiran P, Mehran M, Azizi F. Dietary intakes of zinc and copper and cardiovascular risk factors in Tehranian adults: Tehran Lipid and Glucose Study. *Nutrition & dietetics* 2013; 70: 218-226.

27. Shab-Bidar S, **Hosseini-Esfahani F**, Mirmiran P, Hosseinpour-Niazi S, Azizi F. Metabolic syndrome profiles, obesity measures and intake of dietary fatty acids in adults: Tehran Lipid and Glucose Study. *J Hum Nutr Diet* 2014; 27 Suppl 2:98-108.
28. Bahadoran Z, Mirmiran P, **Hosseini-Esfahani F**, Azizi F. Fast food consumption and the risk of metabolic syndrome after 3-years of follow-up: Tehran Lipid and Glucose Study. *Eur J Clin Nutr.* 2013;67(12):1303-9.
29. Azizi F, Mirmiran P, Momenan A, Hadaegh F, Moeini A, **Hosseini F**, Zahediasl S, Ghanbarian A, Hosseinpanah F, and Members of Tehran Lipid and Glucose Study Group. The Effect of Community-Based Education for Lifestyle Intervention on the Prevalence of Metabolic Syndrome and Its Components: Tehran Lipid and Glucose Study. *Int J Endocrin Metab* 2013; 11(3): 145-53.
30. Ghasemi A, Zahediasl S, **Hosseini-Esfahani F**, Azizi F. Gender differences in the relationship between serum zinc concentration and metabolic syndrome. *Ann Hum Biol* 2014; 41(5):436-42.
31. Mohseni-Takalloo S, Mirmiran P, **Hosseini-Esfahani F**, Mehrabi Y, Azizi F. Metabolic Syndrome and its Association with Healthy Eating Index-2005 in Adolescents: Tehran Lipid and Glucose Study. *J Food Nutr Res* 2014, 2(4), 155-161.
32. Moghaddam MM, Mohebi R, **Hosseini F**, Lotfaliany M, Azizi F, Saadat N, Hadaegh F. Distribution of ideal cardiovascular health in a community-based cohort of Middle East population. *Ann Saudi Med.* 2014;34(2):134-42.
33. Eslamian G, Mirmiran P, Asghari G, **Hosseini-Esfahani F**, Yuzbashian E, Azizi F. Low Carbohydrate Diet Score does not Predict Metabolic Syndrome in Children and Adolescents: Tehran Lipid and Glucose Study. *Arch Iran Med.* 2014 Jun;17(6):417-22.
34. Mohseni-Takalloo S, Mirmiran P, **Hosseini-Esfahani F**, Azizi F. Dietary Fat Intake and Its Relationship with Serum Lipid Profiles in Tehranian Adolescents *J Food Nutr Res* 2014, 2(6), 330-334.
35. Bahadoran Z, Mirmiran P, **Hosseini-Esfahani F**, Azizi F. Dietary protein, protein to carbohydrate ratio and subsequent changes in lipid profile after a 3-year follow-up: Tehran Lipid and Glucose Study. *Iranian J Publ Health*, Vol. 42, No. 11, Nov 2013, pp.1232-1241

36. **Hosseini-Esfahani F**, Ejtahed HS, Mirmiran P, Delshad H, Azizi F. Alterations in Food Group Intakes and Subsequent Weight Changes in Adults: Tehran Lipid and Glucose Study. *Int J Endocrinol Metab* 2014; 12(3): e17236.
37. **Hosseini-Esfahani F**, Mirmiran P, Daneshpour MS, Mehrabi Y, Hedayati M, Zarkesh M, Azizi F. Western Dietary Pattern Interaction with APOC3 Polymorphism in the Risk of Metabolic Syndrome: Tehran Lipid and Glucose Study. *J Nutrigenet Nutrigenomics*. 2014;7(2):105-117.
38. **Hosseini-Esfahani F**, Mirmiran P, Daneshpour MS, Mehrabi Y, Hedayati M, Soheilian M, Azizi F. Dietary patterns interact with APOA1/C3 polymorphisms on the risk of metabolic syndrome: Tehran Lipid and Glucose Study. *Brit J Nutr*. 2015 Feb 28;113(4):644-53.
39. Mirmiran P, **Hosseini-Esfahani F**, Mottaghi A, Azizi F. Longitudinal study of association between dietary patterns and hypertension in adults: Tehran Lipid and Glucose Study. *Sch J App Med Sci* 2015; 3(1B): 65-71.
40. Shab-Bidar S, Hosseini-Esfahani F, Delshad H, Asghari G, Mirmiran P, Azizi F. Dietary intake of vitamin D and metabolic syndrome after 3-year follow-up: Tehran lipid and glucose study. *J Nutr Sci & Diet* 2015; 1(2): 71-9.
41. Moslehi N, Hosseini-Esfahani F, Hosseinpanah F, Mirmiran P, Azizi F. Patterns of food consumption and risk of type 2 diabetes in an Iranian population: A nested case–control study. *Nutrition & Dietetics* 2015;
42. Ghalandari H, Hosseini-Esfahani F, Mirmiran P. The Association of Polymorphisms in Leptin/Leptin Receptor Genes and Ghrelin/Ghrelin Receptor Genes with Overweight/Obesity and the Related Metabolic Disturbances: A Review. *Int J Endocrinol Metab*. 2015 July; 13(3): e19073.
43. Hasan-Ghomi M, Ejtahed HS, Mirmiran P, Hosseini-Esfahani F, Sarbazi N, Azizi F, Sadeghian S. Relationship of food security with type 2 diabetes and its risk factors in Tehranian adults. *Int J Prev Med* 2015, 6:98.
44. Koochakpoor G, Hosseini-Esfahani F, Daneshpour MS, Hosseini SA, Mirmiran P. Effect of interactions of polymorphisms in the Melanocortin-4 receptor gene with dietary factors on the risk of obesity and Type 2 diabetes: a systematic review. *Diabet Med*. 2015; 33(8):1026-34. doi: 10.1111/dme.13052.

45. Hosseinpour-Niazi S, Mirmiran P, Hosseini-Esfahani F, Azizi F. Is the metabolic syndrome inversely associated with butter, non-hydrogenated- and hydrogenated-vegetable oils consumption: Tehran lipid and glucose study. *Diabetes Res Clin Pract.* 2016; 112:20–29.
46. Koochakpoor G, Daneshpour MS, Mirmiran P, Hosseini SA, Hosseini-Esfahani F, Sedaghatikhayat B, Azizi F. The effect of interaction between Melanocortin-4 receptor polymorphism and dietary factors on the risk of metabolic syndrome. *Nutr Metab (Lond).* 2016 May 14;13:35. doi: 10.1186/s12986-016-0092-z. eCollection 2016.
47. Mohseni-Takalloo S, Hosseini-Esfahani F, Mirmiran P, Azizi F. Associations of Pre-Defined Dietary Patterns with Obesity Associated Phenotypes in Tehranian Adolescents. *Nutrients.* 2016 Aug 18; 8(8).
48. Mirmiran P, Asghari G, Farhadnejad H, Eslamian G, Hosseini-Esfahani F, Azizi F. Low carbohydrate diet is associated with reduced risk of metabolic syndrome in Tehranian adults. *Int J Food Sci Nutr.* 2017 May;68(3):358-365.
49. Golozar A, Khalili D, Etemadi A, Poustchi H, Fazeltabar A, Hosseini F, Kamangar F, Khoshnia M, Islami F, Hadaegh F, Brennan P, Boffetta P, Abnet CC, Dawsey S M, Azizi F, Malekzadeh R, Danaei G. White rice intake and incidence of type-2 diabetes: analysis of two prospective cohort studies from Iran. *BMC Public Health.* 2017; 17:133.
50. Mirmiran P, Ghorbani Z, Hosseini-Esfahani F. A Narrative Review of Obesity and Its Associated Complications in Iranian Women. *Women's Health Bull.* 2017 April; 4(2):e40546.
51. Hosseini-Esfahani F, Mirmiran P, Daneshpour MS, Mottaghi A, Azizi F. The Effect of Interactions of Single Nucleotide Polymorphisms of APOA1/APOC3 with Food Group Intakes on the Risk of Metabolic Syndrome. *Avicenna J Med Biotech* 2017; 9(2): 94-103.
52. Hosseini-Esfahani F, Mirmiran P, Koochakpoor G, Daneshpour MS, Guity k, Azizi F. Some dietary factors can modulate the effect of the zinc transporters 8 polymorphism on the risk of metabolic syndrome. *Sci Rep,* 2017. 7: 1649
53. Hosseini-Esfahani F, Koochakpoor G, Daneshpour MS, Sedaghati-Khayat B, Mirmiran P, Azizi F. Mediterranean Dietary Pattern Adherence Modify the Association between FTO Genetic Variations and Obesity Phenotypes. *Nutrients.* 2017 Sep 26; 9(10). pii: E1064.
54. Amiri P, Jalali-Farahani S, Karimi M, Taherian R, Kazempour-Ardebili S, Hosseini-Esfahani F, Mirmiran P, Azizi F. Factors associated with pre-diabetes in Tehranian men and

- women: A structural equations modeling. *PLoS One*. 2017 Dec 7;12(12):e0188898. doi: 10.1371/journal.pone.0188898. eCollection 2017.
55. Mirmiran P, Esfandiar Z, Hosseini-Esfahani F, Koochakpoor G, Daneshpour MS, Sedaghati-Khayat B, Azizi F. Genetic variations of cholesteryl ester transfer protein and diet interactions in relation to lipid profiles and coronary heart disease: a systematic review. *Nutr & Metab* (2017) 14:77.
  56. Hosseini-Esfahani F, Koochakpoor G, Daneshpour MS, Mirmiran P, Sedaghati-Khayat B, Azizi F. The interaction of fat mass and obesity associated gene polymorphisms and dietary fiber intake in relation to obesity phenotypes. *Sci Rep*. 2017 Dec 22;7(1):18057.
  57. Ebrahimof S, Hosseini-Esfahani F, Mirmiran P, Fallah-Kezabi M, Azizi F. Food Patterns and Framingham Risk Score in Iranian Adults: Tehran Lipid and Glucose Study: 2005-2011. *Metab Syndr Relat Disord*. 2018 Jan 2. [Epub ahead of print]
  58. Koochakpoor G, Mirmiran P, Daneshpour MS, Hosseini-Esfahani F, Sedaghati-Khayat B, Hosseini SA, Azizi F. Dietary factors influence the association of cyclin D2 polymorphism rs11063069 with the risk of metabolic syndrome. *Nutr Res*. (2018) 52: 48–56.
  59. Amiri P, Jalali-Farahani S, Masihay Akbar H, Cheraghi L, Khalili D, Momenan A, Mirmiran P, Ghanbarian A, Hedayati M, Hosseini-Esfahani F, Azizi F. The Effects of a Community-Based Lifestyle Intervention on Metabolic Syndrome and Its Components in Adolescents: Findings of a Decade Follow-Up. *Metab Syndr Relat Disord*. 2018 Apr 12.
  60. Soltani S, Moslehi N, Hosseini-Esfahani F, Vafa M, The Association Between Empirical Dietary Inflammatory Pattern and Metabolic Phenotypes in Overweight/Obese Adults. *Int J Endocrinol Metab*. 2018 April; 16(2):e60048.
  61. Esfandiar Z, Hosseini-Esfahani F, Daneshpour MS, Zand H, Mirmiran P, Azizi F. Cholesteryl ester transfer protein gene variations and macronutrient intakes interaction in relation to metabolic syndrome: Tehran lipid and glucose study. *Iran J Basic Med Sci*. 2018 Jun;21(6):586-592.
  62. Hosseini-Esfahani F, Moslehi N, Asghari G, Hosseinpour-Niazi S, Bahadoran Z, Yuzbashian E, Mirmiran P, Azizi F. Nutrition and Diabetes, Cardiovascular and Chronic Kidney Diseases: Findings from 20 Years of the Tehran Lipid and Glucose Study. *Int J Endocrinol Metab*. 2018 October; 16(4 (Suppl)):e84791.



63. Hosseini-Esfahani F, Hosseinpour-Niazi S, Asghari G, Bahadoran Z, Moslehi N, Golzarand M, Ejtahed H, Mirmiran P, Azizi F. Nutrition and Cardio-Metabolic Risk Factors: Findings from 20 Years of the Tehran Lipid and Glucose Study. *Int J Endocrinol Metab.* 2018 October; 16(4 (Suppl)):e84772.
64. Hosseini-Esfahani F, Bahadoran Z, Moslehi N, Asghari G, Yuzbashian E, Hosseinpour-Niazi S, Mirmiran P, Azizi F. Metabolic Syndrome: Findings from 20 Years of the Tehran Lipid and Glucose Study. *Int J Endocrinol Metab.* 2018 October; 16(4 (Suppl)):e84771.

### *International Congress*

- 1) Mirmiran P, Azadbakht L, Hosseini F, Azizi F. Diet quality status of Most Tehranian adults needs improvement. 18th International Congress of nutrition. Sep 19-23, 2005, Durban, South Africa.
- 2) Mirmiran P, Piroozpanah S, Hosseini F, Azizi F. Relation of dietary macronutrients and waist circumference in 3-13 year old children: Tehran Lipid and Glucose Study (TLGS) 10<sup>th</sup> International Congress on Obesity, 3-8 Sep 2006. Sydney, Australia.
- 3) Mirmiran P, Hosseini F, Hamayeli Mehrabani H and Azizi F. Is there any association between fruit and vegetable consumption and metabolic syndrome? 10<sup>th</sup> International Congress on Obesity, 3-8 Sep.2006. Sydney, Australia
- 4) Noori N, Hosseini F, Mirmiran P, Azizi F. Fruit and vegetable consumption is lower among Iranian men reporting smoking. First World Congress of Public Health Nutrition. Barcelona, Spain, 28-30 Sep 2006.
- 5) Hosseini Esfehiani F, Hamayeli Mehrabani H, Mirmiran P, Azizi F. effects of fast-food consumption on body mass index and dietary food groups among children and adolescents: Tehran Lipid and Glucose Study. First World Congress of Public Health Nutrition. Barcelona, Spain, 28-30 Sep 2006.
- 6) Esfahani FH, Djazayeri A, Mirmiran P, Mehrabi Y, Azizi F. Association of Dietary Patterns and Socio-demographic factors in Tehranian Adults: Tehran Lipid and Glucose study. 14<sup>th</sup> Congress of the ASEAN Federation of Endocrine Societies. ASEAN Federation of Endocrine Societies Volume24 (supplement 1/2007), 2007, Malaysia.
- 7) Esfahani FH, Mirmiran P, Hosseinpanah F, Azizi F. A Longitudinal Study of Food Patterns and Obesity in Tehranian Adults: Tehran Lipid and Glucose study. 14<sup>th</sup> Congress of the ASEAN Federation of Endocrine Societies. ASEAN Federation of Endocrine Societies Volume 24 (supplement 1/2007), 2007, Malaysia).
- 8) Mirmiran P, Djazayeri A, Hosseini F, Hosseinpanah F, Azizi F. Which Food Patterns are the Predictors of Abdominal Obesity in Tehranian Adults? Tehran Lipid and Glucose Study. 14<sup>th</sup> Congress of the ASEAN Federation of Endocrine Societies. ASEAN Federation of Endocrine Societies Volume24 (supplement 1/2007), 2007, Malaysia.

- 9) Mirmiran P, Asghari G, Hosseini F, Afshar S, Azizi F. Assessing the weight and height trend of neonates during 3 past decades in Iran. 16th European Congress on Obesity (ECO). Geneva, Switzerland, 14-17 May 2008.
- 10) Bahar A, Hosseini Esfahani F, Asghari Jafarabadi M. Modeling the structure of the metabolic syndrome components in Tehranian children and adolescents: Tehran Lipid and Glucose Study. 2<sup>nd</sup> Iranian Congress of Endocrine & metabolism update, April 2009, Isfahan, Iran.
- 11) Mirmiran P, Hosseini Esfahani F, Azizi F. Reproducibility and relative validity of a food frequency questionnaire for nutrients in the Tehran Lipid and Glucose Study. 19th International Congress of Nutrition. October 4-9, 2009, Bangkok, Thailand.
- 12) Hosseini Esfahani F, Asghari G, Mirmiran P, Azizi F. Reproducibility and relative validity of food group intake in a food frequency questionnaire developed for Tehran Lipid and Glucose Study. 19th International Congress of Nutrition. October 4-9, 2009, Bangkok, Thailand.
- 13) Hosseini Esfahani F, Mosavi Naslkhameh A, Mirmiran P, Hosseinpanah F, Azizi F. Trends in the prevalence of overweight in Tehranian adolescents, 1999-2008: Tehran Lipid and Glucose Study. 19th International Congress of Nutrition. October 4-9, 2009, Bangkok, Thailand.
- 14) Jalali Farahani S, Hosseini Esfahani F, Mirmiran P. Survey of dietary intake of antioxidants in Tehranian adults. 19th International Congress of Nutrition. October 4-9, 2009, Bangkok, Thailand.
- 15) Mirmiran P, Mosavi Naslkhameh A, Hosseini Esfahani F, Hosseinpanah F, Azizi F. Trends in the prevalence of adolescents' obesity and hypertension in three cross-sectional surveys of Tehran Lipid and Glucose Study, 1999-2008. The 8th International Congress of Endocrine Disorders & The 2th Arab-Iran Congress of Endocrinology and Diabetes. 27-29 October 2009. Tehran, Iran.
- 16) Jessri M, Hosseini Esfahani F, Mirmiran P, Bastan S, Hosseinpanah F, Azizi F. Adherence to dietary recommendations and risk of metabolic syndrome: Tehran Lipid and Glucose Study. The 8th International Congress of Endocrine Disorders & The 2th Arab-Iran Congress of Endocrinology and Diabetes. 27-29, October 2009. Tehran, Iran.

- 17) Hosseini Esfehiani F, Mirmiran P, Mahan LK, Azizi F. Does dietary intake of Tehranian adults align with recommendations? Tehran Lipid and Glucose Study. The 8th International Congress of Endocrine Disorders & The 2th Arab-Iran Congress of Endocrinology and Diabetes. 27-29 October 2009. Tehran, Iran.
- 18) Mirmiran P, Hosseini-esfahani F, Bahadoran Z, Azizi F. Dietary fructose and risk of metabolic syndrome in Tehranian adults: Tehran Lipid and Glucose Study. The 93rd Annual Meeting of Endocrine Society. 4-7 June, 2011. Boston, US.
- 19) Rezazade A, Hosseini Esfahani F, Mirmiran p, Mehrabi Y, Afghan M, Azizi F. Reproducibility and validity of dietary patterns derived from a food-frequency questionnaire among participants in the Tehran Lipid and Glucose (TLGS). 7th Asia pacific conference on clinical nutrition. June 5-8. 2011.
- 20) Fallah Nowroozi Nejad E, Hosseini-Esfahani F, Moslehi N, Mirmiran P, Azizi F. Dietary energy density and risk of type 2 diabetes in adults participated in the Tehran Lipid and Glucose Study. 1<sup>st</sup> International & 13<sup>th</sup> Iranian Nutrition Congress.
- 21) Hosseini-Esfahani F, Mirmiran P, Daneshpour M, Mehrabi Y, Hedayati M, Zarkesh M, Azizi F. Western dietary pattern interact with APOC3 polymorphism on the risk of metabolic syndrome. First International and 13<sup>th</sup> Iranian Genetic Congress, May 24-26, 2014, Tehran, Iran.
- 22) Hosseini-Esfahani F, Daneshpour MS, Mirmiran P, , Mehrabi Y, Hedayati M, Azizi F. Dietary patterns interact with APOA1/C3 polymorphism on the risk of metabolic syndrome: Tehran Lipid and Glucose Study. 10<sup>th</sup> International Congress of Endocrine Disorders.
- 23) Gelareh Koochakpoor, Parvin Mirmiran, Maryam S Daneshpour, Seyed Ahmad Hosseini<sup>1</sup>, Firoozeh Hosseini-Esfahani, Fereidoun Azizi. The effect of interaction of Melanocortin-4 receptor polymorphism and Dietary factors on metabolic syndrome. 2<sup>nd</sup> International and 14<sup>th</sup> Iranian Genetic Congress, May 21-23, 2016, Tehran, Iran.
- 24) Firoozeh Hosseini-Esfahani, Gelareh Koochakpoor, Maryam S Daneshpour, Seyed Ahmad Hosseini, Parvin Mirmiran , Bahareh Sedaghati-khayat, Fereidoun Azizi. The effect of interaction of zinc transporter 8 polymorphism and Dietary factors on metabolic syndrome. 2<sup>nd</sup> International and 14<sup>th</sup> Iranian Genetic Congress, May 21-23, 2016, Tehran, Iran.
- 25) Koochakpour G, Hosseini-Esfahani F, Hosseini S, Hosseini SA, Mirmiran P, Daneshpour MS, Azizi F. Dietary patterns, CCND2 gene variation and the risk of metabolic syndrome:

Gene-diet interaction analysis in Tehranian population. 17<sup>th</sup> International Congress of Endocrinology. Beijing, China, Aug.31-Sep.4, 2016.

- 26) Hosseini-Esfahani F, Koochakpour G, Fallah M, Mirmiran P, Daneshpour MS, Azizi F. FTO gene polymorphisms, dietary patterns and the risk of obesity in Tehranian adults. 17<sup>th</sup> International Congress of Endocrinology. Beijing, China, Aug.31-Sep.4, 2016.
- 27) Hosseini-Esfahani F, Koochakpour G, Daneshpour MS, Sedaghati Khayat B, Mirmiran P. Mediterranean dietary pattern adherence modify the association between FTO genetic variations and obesity phenotypes. International Congress on Biomedicine. 18-21 Dec. 2017, Tehran, Iran.
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