

CURRICULUM VITAE

Date of Revision: 3 July 2024

Name: Somayeh Hosseinpour-Niazi

Education:

- *B.Sc. in Nutrition, Shahdi Beheshti University of medical Sciences, 2000-2004 (GPA: 18.1)*
- *M.Sc. in Nutrition, Shahdi Beheshti University of medical Sciences, 2007-2010 (GPA: 18.3)*
- *Ph.D in Nutrition, Shahdi Beheshti University of medical Sciences, 2017-2021 (GPA: 19.1)*

Career/Academic Appointments:

- *Assistance professor, Shahdi Beheshti University of medical Sciences, Since 2022*

Administrative Positions:

- *Secretary of the students' research committee, Shahdi Beheshti University of medical Sciences, 2019-2022*

Professional Honors & Recognition:

- *Vezvaei Research grant award, Iran's National Elites Foundation, 2019*
- *Vezvaei Research grant award, Iran's National Elites Foundation, 2020*

Grant History:

Completed Grants:

Lectures, Courses, Web-based Education:

- *2012-2014: Teaching Nutrition to M.SC student, 2019-2021*

PROFESSIONAL SERVICE

Peer Review Groups/Grant Study Sections :*(Membership in research committees)*

2024:.....

2023:.....

2022:.....

2021:.....

2020:.....

...

Journal Service: (*Membership in the editorial board, being a journal director, chief editor or the journal reviewing board or any related position*)

Editorial board:

- Word journal of diabetes, 2018-2022

Reviewers:

- *Metabolic syndrome and related disorders*
- *International journal of endocrinology and metabolism*
- *BMC Nutrition*
- *BMC public Health*
- *Scientific report*
- *Iranian journal of endocrinology and metabolism*

Professional Organizations: (*Membership in the Professional and specific Organizations*)

2024:.....
2023:.....
2022:.....
2021:.....
2020:.....
....

Committees Memberships: (*Membership in university committees such as ethics committee in research and other professional committees*)

2024:.....
2023:.....
2022:.....
2021:.....
2020:.....
...

Bibliography:

Peer-Reviewed Original Research

1. Mirmiran P, **Hosseinpour-Niazi S**, Hamayeli Mehrabani H, Kavian F, Azizi F. Validity and reliability of a nutrition screening tool in hospitalized patients. Nutrition 2011; 27 (6): 647-52. IF=3.025; doi: 10.1016/j.nut.2010.06.013.
2. Bahadoran Z, Mirmiran P, Hosseinpanah F, Hedayati M, **Hosseinpour-Niazi S**, Azizi F. Broccoli sprouts reduce oxidative stress in type 2 diabetes: a randomized double blind clinical trial. Eu J clin Nutr 2011; 65 (8): 972-7. IF=2.462; doi: 10.1038/ejcn.2011.59
3. Mirmiran P, **Hosseinpour-Niazi S**, Naderi Z, Bahadoran Z, Sadeghi M, Azizi F. Association between interaction and ratio of ω -3 and ω -6 polyunsaturated fatty acid and the metabolic syndrome in adults. Nutrition 2012; 28 (9): 856-63. IF=2.859; doi: 10.1016/j.nut.2011.11.031
4. 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. IF=2.885. doi: 10.1186/1743-7075-8-50.
5. **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. IF=2.754. doi: 10.1016/j.diabres.2011.07.020
6. 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; 15(4): 693-701. IF=2.169. doi: 10.1017/S1368980011002941

7. **Hosseinpour-Niazi S**, Mirmiran P, Amiri Z, Hosseini-Esfahani F, Shakeri N, Azizi F. Legume intake is inversely associated with the metabolic syndrome in adults. *Arch Iran Med* 2012; 15 (9): 538-44. IF=1.222
8. Sohrab G, **Hosseinpour-Niazi S**, Hejazi J, Yuzbashian E, Mirmiran P, Azizi F. Dietary polyphenols and metabolic syndrome among Iranian adults. *Int J Food Sci Nutr* 2013; 64(6): 661-7. IF=1.202. doi: 10.3109/09637486.2013.787397
9. 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; Suppl 2: 98-108. IF=2.074; doi: 10.1111/jhn.12117
10. **Hosseinpour-Niazi S**, Sohrab G, Asghari G, Mirmiran P, Moslehi N, Azizi F. Dietary glycemic index, glycemic load, and cardiovascular disease risk factors: Tehran Lipid and Glucose Study. *Arch Iran Med*. 2013; 16(7): 401-7. IF=1.108
11. **Hosseinpour-Niazi S**, Mirmiran P, Mirzaei S, Azizi F. Cereal, fruit, and vegetable fiber intake and the risk of metabolic syndrome: a prospective study in the Tehran Lipid and Glucose Study. *J Hum Nutr Diet* 2014; 28 (3): 236-45. IF=1.987. doi: 10.1111/jhn.12242.
12. Ejtahed HS, Asghari G, Mirmiran P, Hosseinpour-Niazi S, Sherafat-KazemZadeh R, Azizi F. Body mass index as a measure of percentage body fat prediction and excess adiposity diagnosis among Iranian adolescents. *Arch Iran Med*. 2014; 17(6):400-5. IF=0.936
13. **Somayeh Hosseinpour-Niazi**, Parvin Mirmiran, Farhad Hosseinpanah, Arefeh Fallah, Fereidoun Azizi. Association of marital status and marital transition with metabolic syndrome: Tehran Lipid and Glucose Study. *Int J Endocrinol Metab*. 2014 Oct 1;12(4):e18980. IF=0. doi: 10.5812/ijem.18980
14. Parvin Mirmiran, Arefeh Fallah-Ghohroudy, **Somayeh Hosseinpour-Niazi**, Batol Ahmadi, Fatemeh Nayeri, Fereidoun Azizi. Dietary patterns and non communicable disease among Iranian women: a systematic review. *Women Health Bull* 2014; 1 (3): e21358. IF=0
15. **Somayeh Hosseinpour-Niazi**, Parvin Mirmiran, Mehdi Hedayati, Fereidoun Azizi. Substitution of red meat with legumes in the therapeutic lifestyle change diet based on dietary advice improves cardiometabolic risk factors in overweight type 2 diabetes patients: a cross-over randomized clinical trial. *Eru J Clin Nutr* 2015; 69 (5): 592-7. IF=2.935. doi: 10.1038/ejcn.2014.228
16. **Somayeh Hosseinpour-Niazi**, Parvin Mirmiran, Arefeh Fallah-Ghohroudy, Fereidoun Azizi. Combined effect of unsaturated fatty acids and saturated fatty acids on the metabolic syndrome: Tehran Lipid and Glucose Study. *J Health Popul Nutr*. 2015 Jul 11;33:5. IF=0.724. doi: 10.1186/s41043-015-0015-z
17. **Somayeh Hosseinpour-Niazi**, Parvin Mirmiran, Arefeh Fallah-ghohroudi, Fereidoun Azizi. Non-soy legume-based therapeutic life style change diet reduces inflammatory

status in diabetic patients: A randomised cross-over clinical trial. Br J Nutr 2015; 114: 213-219. IF=3.311. doi: 10.1017/S0007114515001725

18. Mirmiran P, Yuzbashian E, Asghari G, **Hosseinpour-Niazi S**, Azizi F. Consumption of sugar sweetened beverage is associated with incidence of metabolic syndrome in Iranian children and adolescents. Nutr Metab (Lond). 2015 Jul 30;12:25. IF=3.280. doi: 10.1186/s12986-015-0021-6.
19. **Hosseinpour-Niazi S**, Mirmiran P, Hosseini-Esfahani F, Azizi F. Is the metabolic syndrome inversely associates with butter, non-hydrogenated- and hydrogenated-vegetable oils consumption: Tehran lipid and glucose study. Diabetes Res Clin Pract. 2016 Feb;112:20-9. IF=3.639. doi: 10.1016/j.diabres.2015.11.008.
20. Lamyian M, **Hosseinpour-Niazi S**, Mirmiran P, Moghaddam Banaem L, Goshtasebi A, Azizi F. Pre-Pregnancy Fast Food Consumption Is Associated with Gestational Diabetes Mellitus among Iranian Women. Nutrients. 2017 Mar 1;9(3), 216. IF=4.196. doi: 10.3390/nu9030216
21. Mirmiran P, **Hosseinpour-Niazi S**, Azizi F. Therapeutic lifestyle change diet enriched in legumes reduces oxidative stress in overweight type 2 diabetic patients: a crossover randomised clinical trial. Eur J Clin Nutr. 2018 Jan;72(1):174-176. IF=2.954. doi: 10.1038/ejcn.2017.113
22. **Hosseinpour-Niazi S**, Hosseini S, Mirmiran P, Azizi F. Prospective Study of Nut Consumption and Incidence of Metabolic Syndrome: Tehran Lipid and Glucose Study. Nutrients. 2017 Sep 23;9(10): 1056. IF=4.196. doi: 10.3390/nu9101056
23. Goshtasebi A, **Hosseinpour-Niazi S**, Mirmiran P, Lamyian M, Moghaddam Banaem L, Azizi F. Pre-pregnancy consumption of starchy vegetables and legumes and risk of gestational diabetes mellitus among Iranian women. Diabetes Res Clin Pract. 2018 May;139:131-138. IF=3.239. doi: 10.1016/j.diabres.2018.02.033
24. Sohrab G, Ebrahimof S, **Hosseinpour-Niazi S**, Yuzbashian E, Mirmiran P, Azizi F. Association of Dietary Intakes of Total Polyphenol and Its Subclasses with the Risk of Metabolic Syndrome: Tehran Lipid and Glucose Study. Metab Syndr Relat Disord. 2018 Aug;16(6):274-281. IF=1.597. IF=1.597. doi: 10.1089/met.2017.0140.
25. Mirmiran P, Hosseini S, **Hosseinpour-Niazi S**, Azizi F. Legume consumption increase adiponectin concentrations among type 2 diabetic patients: A randomized crossover clinical trial. Endocrinol Diabetes Nutr. 2019; 66(1): 49-55. IF=1.180. doi: 10.1016/j.endinu.2018.07.003
26. 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 Oct 21;16(4 Suppl):e84771. IF=0. doi: 10.5812/ijem.84771.
27. Hosseini-Esfahani F, **Hosseinpour-Niazi S**, Asghari G, Bahadoran Z, Moslehi N, Golzarand M, Ejtahed HS, 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 Oct 13; 16(4 Suppl):e84772. IF=0. doi: 10.5812/ijem.84772.

28. 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 Oct 31;16(4 Suppl):e84791. IF=0. doi: 10.5812/ijem.84791
29. Mirmiran P, **Hosseinpour-Niazi S**, Moghaddam-Banaem L, Lamyian M, Goshtasebi A, Azizi F. Inverse relation between fruit and vegetable intake and the risk of gestational diabetes mellitus. *Int J Vitam Nutr Res.* 2019 Jul; 89(1-2):37-44. IF=0.765. doi: 10.1024/0300-9831/a000475
30. **Hosseinpour-Niazi S**, Bakhshi B, Betru E, Mirmiran P, Darand M, Azizi F. Prospective study of total and various types of vegetables and the risk of metabolic syndrome among children and adolescents. *World J Diabetes.* 2019;10(6):362-375. IF=3.763. doi: 10.4239/wjd.v10.i6.362
31. **Hosseinpour-Niazi S**, Mirmiran P, Abd-Mishani M, Azizi F. Effect of dairy products on oxidative stress in type 2 diabetic patients: A randomized controlled clinical trial. *Nutrition clinique et métabolisme.* 2019; 33 (3): 212–216. IF= 0.274. doi.org/10.1016/j.nupar.2019.05.007
32. **Hosseinpour-Niazi S**, Tahmasebinejad Z, Esfandiar Z, Bakhshi B, Mirmiran P, Azizi F. Weight gain, but not macronutrient intake, modifies the effect of dietary branch chain amino acids on the risk of metabolic syndrome. *Diabetes Res Clin Pract.* 2020 Jan 30; 161:108039. IF=5.602. doi: 10.1016/j.diabres.2020.108039.
33. Mirmiran P, Bakhshi B, **Hosseinpour-Niazi S**, Sarbazi N, Hejazi J, Azizi F. Does the association between patterns of fruit and vegetables and metabolic syndrome incidence vary according to lifestyle factors and socioeconomic status? *Nutr Metab Cardiovasc Dis.* 2020 Jul 24;30(8):1322-1336. IF=4.222. doi: 10.1016/j.numecd.2020.04.008.
34. Nakhoda K, **Hosseinpour-Niazi S**, Mirmiran P. Nutritional Knowledge, Attitude, and Practice of General Physicians toward the Management of Metabolic Syndrome in Tehran. *Shiraz e Medical Journal.* 2021, 22(3), pp.1-4, e97514. IF=0. doi.org/10.5812/semj.97514
35. **Hosseinpour-Niazi s**, Bakhshi B, Zahedi AS, Akbarzadeh M, Daneshpour MS, Mirmiran P, Azizi F. TCF7L2 polymorphisms, nut consumption, and the risk of metabolic syndrome: a prospective population based study. *Nutrition and metabolism.* 2021 Jan 12;18(1):10. IF=4.654. IF=4.654. doi: 10.1186/s12986-021-00542-7.
36. **Hosseinpour-Niazi S**, Bakhshi B, Mirmiran P, Azizi F. Socioeconomic and lifestyle factors modifies the association between nut consumption and metabolic syndrome incidence. *Clin Nutr.* 2021 Jun;40(6):4055-4064. doi: 10.1016/j.clnu.2021.02.013. IF=7.643

37. Aghayan M, **Hosseinpour-Niazi S**, Bakhshi B, Mirmiran P, Azizi F. Trends in dietary food groups and Dietary Approach to Stop Hypertension (DASH) score among adults: A longitudinal study from the Tehran Lipid and Glucose Study, 2006-2017. *Nutrition*. 2021 Apr 22;89:111284. doi: 10.1016/j.nut.2021.111284. IF= 4.893
38. Hejazi J, **Hosseinpour-Niazi S**, Yuzbashian E, Mirmiran P, Azizi F. The protective effects of dietary intake of flavonoids and its subclasses on metabolic syndrome incidence. *Int J Food Sci Nutr* . 2022 Feb;73(1):116-126. doi: 10.1080/09637486.2021.1928008. IF=4.444
39. Mirmiran P, Aghayan M, Bakhshi B, **Hosseinpour-Niazi S**, Azizi F. Socioeconomic status and lifestyle factors modifies the association between snack foods intake and incidence of metabolic syndrome. *Nutr J*. 2021 Jul 22;20 (1):70. doi: 10.1186/s12937-021-00728-y. IF=4.344
40. **Hosseinpour-Niazi S**, Aghayan M, Mirmiran P, Azizi F. Does weight change modify the association between the consumption of sugar-sweetened beverages and 100% fruit juice and the risk of metabolic syndrome? *Clin Nutr*. 2021 Oct;40(10):5261-5268. IF=7.643. doi: 10.1016/j.clnu.2021.08.017
41. Hadaegh A, Akbarpour S, Tohidi M, Barzegar N, **Hosseinpour-Niazi S**, Azizi F, Hadaegh F. The role of different lipid measures for incident hypertension during more than 12 years follow-up: Tehran Lipid and Glucose Study. *Br J Nutr*. 2021 Nov 23:1-11. IF=4.125. doi: 10.1017/S0007114521004657.
42. Mirmiran P, Hosseini-Esfahani F, Esfandiar Z, **Hosseinpour-Niazi S**, Azizi F. Associations between dietary antioxidant intakes and cardiovascular disease. *Sci Rep*. 2022;12(1):1504. IF=4.996. doi: 10.1038/s41598-022-05632-x.
43. **Hosseinpour-Niazi S**, Mirmiran P, Hadaegh F, Mahdavi M, Khalili D, Daneshpour MS, Momenan AA, Azizi F. Improvement of glycemic indices by a hypocaloric legume-based DASH diet in adults with type 2 diabetes: a randomized controlled trial. 2022 Sep;61(6):3037-3049. doi: 10.1007/s00394-022-02869-0. IF=4.865
44. **Hosseinpour-Niazi S**, Hadaegh F, Mirmiran P, Daneshpour MS, Mahdavi M, Azizi F. Effect of legumes in energy reduced dietary approaches to stop hypertension (DASH) diet on blood pressure among overweight and obese type 2 diabetic patients: a randomized controlled trial. *Diabetol Metab Syndr*. 2022 May 13;14(1):72. doi: 10.1186/s13098-022-00841-w. IF=5.395
45. **Hosseinpour-Niazi S**, Mirmiran P, Hadaegh F, Daneshpour MS, Hedayati M, Azizi F. The effect of TCF7L2 polymorphisms on inflammatory markers after 16 weeks of legume-based dietary approach to stop hypertension (DASH) diet versus a standard

DASH diet: a randomised controlled trial. Nutr Metab (Lond) .2022 May 18;19(1):35. IF=4.654. doi: 10.1186/s12986-022-00671-7.

46. Asgari S, Masrouri S, **Hosseinpour-Niazi S**, Moslehi N, Azizi F, Hadaegh F. Association of ideal cardiovascular health metrics and incident type 2 diabetes mellitus among an urban population of Iran: One decade follow up in the Tehran Lipid and Glucose Study. J Diabetes Investig. 2022 Oct;13(10):1711-1722. doi: 10.1111/jdi.13839. Online ahead of print. IF=3.681
47. Hadaegh F, **hosseinpour-niazi S**, Deravi N, Hasheminia M, Moslehi N, Toreyhi H, Azizi F. Ideal cardiovascular health status and risk of cardiovascular disease and all-cause mortality: over a decade of follow-up in the Tehran Lipid and Glucose Study. Frontiers in cardiovascular medicine. Front Cardiovasc Med. 2022 Aug 4;9:898681. doi: 10.3389/fcvm.2022.898681. In press IF= 5.846
48. Vasei MH, **Hosseinpour-Niazi S**, Ainy E, Mirmiran P. Effect of dietary approaches to stop hypertension (DASH) diet, high in animal or plant protein on cardiometabolic risk factors in obese metabolic syndrome patients: A randomized clinical trial. Prim Care Diabetes. 2022 Oct;16(5):634-639. doi: 10.1016/j.pcd.2022.09.001. IF=2.567
49. **Hosseinpour-Niazi S**, Mirmiran P, Hosseini S, Hadaegh F, Ainy E, Daneshpour MS, Azizi F. Effect of TCF7L2 on the relationship between lifestyle factors and glycemic parameters: a systematic review. Nutr J. 2022 Sep 26;21(1):59. doi: 10.1186/s12937-022-00813-w. IF= 4.344
50. Khoshnoudi-Rad B, **Hosseinpour-Niazi S**, Javadi M, Mirmiran P, Azizi F. Relation of dietary insulin index and dietary insulin load to metabolic syndrome depending on the lifestyle factors: Tehran lipid and glucose study. Diabetol Metab Syndr. 2022 Dec 30;14(1):198. doi: 10.1186/s13098-022-00968-w. IF= 5.395
51. **Hosseinpour-Niazi S**, Bakhshi B, Mirmiran P, Gaeini Z, Hadaegh F, Azizi F. Effect of weight change on the association between overall and source of carbohydrate intake and risk of metabolic syndrome: Tehran lipid and glucose study. Nutr Metab (Lond). 2023 Sep 12;20(1):39. doi: 10.1186/s12986-023-00761-0. IF= 4.6
52. **Hosseinpour-Niazi S**, Afaghi S, Hadaegh P, Mahdavi M, Farhadnejad H, Tohidi M, Mirmiran P, Azizi F, Hadaegh F. The association between metabolic syndrome and insulin resistance with risk of cardiovascular events in different states of cardiovascular health status. J Diabetes Investig. 2024 Feb;15(2):208-218. doi: 10.1111/jdi.14101. IF= 3.2
53. Golmohamadi M, **Hosseinpour-Niazi S**, Hadaegh P, Mirmiran P, Azizi F, Hadaegh F. Association between Dietary Antioxidants intake and the Risk of Type 2 Diabetes Mellitus in a Prospective Cohort Study: Tehran Lipid and Glucose Study Br J Nutr. 2023 Dec 20:1-24. doi: 10.1017/S0007114523002854. IF= 3.6

Chapters, Books:

1. Hosseinpour-niazi S, Mirmiran P. Nutritional management in lipoprotein concentration disturbances (chapter 13). In: Sasa frank S and Kostner G. Lipoproteins- Role in health and diseases. Coratia: E-publishing Intech; 2012, P303-335.
2. Mirmiran P, Hosseini S, Hosseinpour-niazi S. Hydrogenated vegetable oils and trans fatty acids: profile and application to diabetes (chapter2). In: Watson RR, Preedy VR. Bioactive Food as Dietary Interventions for Diabetes. UK: Elsevier; 2019, P. 19-31.
3. Hosseinpour-Niazi S, Mirmiran P. The Effect of Muslim Fasting on Metabolic Syndrome and Insulin Resistance (Chapter 15). In: Azizi F, Delshad H, Khoshnati Nikoo M. A comprehensive study of Muslin Fasting Health and Benefits. Iran: Behnashr Publishing, 2021, P287-304.
4. Hosseinpour-Niazi S, Mirmiran P, and Delshad H. Diet therapy and drug therapy in metabolic syndrome. Iran: Farsiran Publishing, 2016.

Invited Editorials, Commentaries, Reports and Case Studies