

CURRICULUM VITAE

Date of Revision: Apr 16 2024

Name: Asghar Ghasemi

Education: (Start with the first academic degree according to date; from past to present)

EDUCATION			
B.Sc.	1992-1996	Nursing	Isfahan University of Medical Sciences, Isfahan, Iran. GPA = 18.75/20).
M.Sc	1999-2001	Medical Physiology	Tehran University of Medical Science, Tehran, Iran (GPA: 19.38/20) M.Sc. Thesis title: Detection of plasma and renal Vitamin E in Lipopolysaccharide- treated rats Advisor: Professor Mehri Kadkhodae E-mail: mehr45@yahoo.com
Ph.D	2001-2006	Medical Physiology	Baqiyatallah Medical Sciences University, Tehran, Iran. (GPA: 19.20/20) Ph.D. Thesis title: Effect of paraoxon on GABA uptake by rat cerebral cortex synaptosomes Advisor: Professor Alireza Asgari E-mail: asgari@bmsu.ac.ir
Honorary Research Fellow	29 th Jan 2007- 28 th Apr 2007	Molecular Biology	Kings College London, Rayne Institute, Department of Cardiology (St. Thomas Hospital), Cardiovascular Division Honorary Research Fellow Research subject: Effect of ACE inhibitors on expression of uncoupling proteins in cell culture Supervisor: Dr. Richard Heads E-mail: Richard.heads@kcl.ac.uk
GPA, Grade point average (scale: 0-20)			

Career/Academic Appointments: (Academic positions should be listed by date from past to present)

1. Researcher in Endocrine Research Centre, Tehran, Iran, 2004-2007
2. Assistant professor of Physiology in Research Institute for Endocrine Sciences, from 2008-2013.
3. Associate professor of Physiology in Research Institute for Endocrine Sciences, from 2013-2019.
4. Professor of Physiology in Research Institute for Endocrine Sciences, from 2019- present

Administrative Positions: (Administrative position should be listed by date from past to present)

Head of Endocrine Physiology Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2013-present

[Type here]

Professional Honors & Recognition: (Scientific Awards, incentives and obtained scientific points should be mentioned by date from past to present)

1. Young Researcher Award. 16th Iranian Congresses of Physiology and Pharmacology. Tehran- Iran, May 9-13, 2003.
2. Research faculty member acknowledged for excellence in research, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2008.
3. Awarded as a distinguished researcher at the 16th Abu Rayhan Biruni Research Festival, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2015.
4. Awarded as a distinguished researcher at the 22th Abu Rayhan Biruni Research Festival, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2015.
5. Awarded for translation of the textbook "Guyton and Hall Medical Physiology", which was recognized as the "Outstanding Translated Book" at the 14th Abu Rayhan Biruni Research Festival, 2015.

Grant History: (If you have national or international grants, mention them by date from past to present)

Completed Grants: (If you have any national or international completed grants, mention them by date from past to present)

1. Ghasemi A, Gheibi S, Kashfi KH, Jeddi S: Effect of long-term sodium hydrosulfide injection on carbohydrate metabolism, lipid profiles, oxidative stress, and inflammation in male obese type 2 diabetic rats: National Institute of Medical Sciences Research Development of Iran, 2017
2. Ghasemi A, Gheibi S, Kashfi KH, Carlstrom M, Jeddi S: Effect of long-term co-administration of H₂S and NO carbohydrate metabolism, oxidative stress, and inflammation in male obese type 2 diabetic rats: National Institute of Medical Sciences Research Development of Iran, 2018
3. Ghasemi A, Kashfi KH, Carlstrom M, Gheibi S, Jeddi S, Afzali H: Effect of long-term co-administration of sodium nitrite on myocardial ischemia-reperfusion injury in male obese type 2 diabetic rats: National Institute of Medical Sciences Research Development of Iran, 2020

Lectures, Courses, Web-based Education: (If you have presented or participated in any lecture, educational courses or web-based education, during the last 5 years mention their subject or title)

- 2024: Workshop for Biomedical Scientific Writing
- 2023: Workshop for Biomedical Scientific Writing
- 2022: Workshop for Biomedical Scientific Writing
- 2021: Workshop for Biomedical Scientific Writing
- 2020: Workshop for Biomedical Scientific Writing
- 2019: Workshop for Biomedical Scientific Writing
- 2018: Workshop for Biomedical Scientific Writing
- 2017: Workshop for Biomedical Scientific Writing
- 2016: Workshop for Biomedical Scientific Writing
- 2015: Workshop for Biomedical Scientific Writing
- 2014: Workshop for Biomedical Scientific Writing

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)

- 2024: Iranian Journal of Endocrinology and Metabolism [Persian]
- 2023: International Journal of Endocrinology and Metabolism [English]

[Type here]

2022: BMC Endocrine disorder

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)

2022: Member of the specialized research committee of the Audit Board, Shahid Beheshti University of Medical Sciences, Tehran, Iran, from 2022-present

Bibliography:

Peer-Reviewed Original Research :(List of published articles according to Vancouver style, from past to present)

Full papers

International articles

1. Jeddi S, Yousefzadeh N, Zarkesh M, Kashfi Kh, [Ghasemi A*](#): Effect of long-term inorganic nitrate administration on myocardial ischemia-reperfusion injury in ovariectomized rats. **Frontiers in Pharmacology**. 27 March 2024. Volume 15 - 2024 | <https://doi.org/10.3389/fphar.2024.1369379>.
2. Bahadoran Z, Mirmiran P, [Ghasemi A*](#): Adipose organ dysfunction and type 2 diabetes: Role of nitric oxide. **Biochemical Pharmacology**. 2024 Mar;221:116043. doi: 10.1016/j.bcp.2024.116043.
3. Bahadoran Z, Mirmiran P, Azizi F, [Ghasemi A*](#): Systemic nitric oxide metabolites and the chance of pre-diabetes regression to normoglycemia: A 9-year cohort study. **BioImpacts**. 2024;14(5):29917. doi: 10.34172/bi.2024.29917.
4. Bagheripour F, Jeddi S, Kashfi Kh, [Ghasemi A*](#): Anti-obesity and anti-diabetic effects of L-citrulline are sex-dependent. **Life Sciences**. 2024 Feb 15;339:122432. doi: 10.1016/j.lfs.2024.122432.
5. Yassaghi Y, Jeddi S, Kashfi Kh, [Ghasemi A*](#): Myocardial infarct size is reduced by nitrite and nitrate administration a systematic review and meta-analysis of animal studies. **EXCLI Journal**. Vol. 2024; 23:18-33 – ISSN 1611-2156.
6. Yousefzadeh N, Jeddi S, [Ghasemi A*](#): Chronic inorganic nitrate administration increases the expression of genes involved in the browning of gonadal adipose tissue in ovariectomized rats. **Endocrine, Metabolic & Immune Disorders-Drug Target**. 2024, 24, 820-831. DOI: 10.2174/0118715303239481231030043730.
7. [Ghasemi A](#), Jeddi S, Yousefzadeh N, Kashfi Kh, Norouzirad R*: Dissolving sodium hydrosulfide in drinking water is not a good source of hydrogen sulfide for animal studies. **Scientific reports**. 2023 Dec 9;13(1):21839. doi: 10.1038/s41598-023-49437-y.
8. Yassaghi Y, Jeddi S, Yousefzadeh N, Kashfi Kh, [Ghasemi A*](#): Long-term inorganic nitrate administration protects against myocardial ischemia-reperfusion injury in female rats. **BMC cardiovascular disorders**. 2023 Aug 21; 23(1):411. doi: 10.1186/s12872-023-03425-2.
9. Bahadoran Z, Mirmiran P, Kashfi Kh, [Ghasemi A](#): Vascular nitric oxide resistance in type 2 diabetes. **Cell Death and Disease**. 2023 Jul 11; 14(7):410. doi: 10.1038/s41419-023-05935-5.
10. Yousefzadeh N, Jeddi S, Zarkesh M, Norouzirad R, Kashfi Kh, [Ghasemi A*](#): Protective effects of long-term nitrate administration against ovariectomy-induced kidney dysfunction in rats. **Pharmacological Reports**. 2023 Jun 1. doi: 10.1007/s43440-023-00499-9.
11. Daneshpour MS, Akbarzadeh M, Lanjanian H, Sedaghati-Khayat B, Guity K, Masjoudi S, Zahedi AS, Moazzam-Jazi M, Najd Hassan Bonab L, Shalbfan B, Asgarian S, Koli Farhood G, Javanrooh N, Zarkesh M,

[Type here]

- Riahi P, Moghaddas MR, Arbab Dehkordi P, Delbarpour Ahmadi A, Hosseini F, Jalali Farahani S, Hadaegh F, Mirmiran P, Ramezani Tehrani F, Ghanbarian A, Fallah Mahboob Pasand MS, Amiri P, Valizadeh M, Hosseipanah F, Tohidi M, [Ghasemi A](#), Zadeh-Vakili A, Piryaei M, Alamdari SH, Khalili D, Momenan A, Barzin M, Zeinali S, Hedayati M, Azizi F*: Cohort profile update: Tehran cardiometabolic genetic study. **European Journal of Epidemiology**. 2023 Jun; 38(6):699-711. doi: 10.1007/s10654-023-01008-1.
12. Hasanian-Langroudi F, [Ghasemi A](#), Hedayati M, Siadat SD*, Tohidi M*: Novel Insight into the Effect of Probiotics in the Regulation of the Most Important Pathways Involved in the Pathogenesis of Type 2 Diabetes Mellitus. **Probiotics and Antimicrobial Proteins**. 2023 May 10. doi: 10.1007/s12602-023-10056-8.
13. [Ghasemi A](#), Mirmiran P, Kashfi Kh, Bahadoran Z*: Scientific Publishing in Biomedicine: A Brief History of Scientific Journals. **International Journal of Endocrinology and Metabolism**. 2023 Jan; 21(1): e131812. doi: 10.5812/ijem-131812.
14. [Ghasemi A](#), Jeddi S*: Streptozotocin as a tool for induction of rat models of diabetes: a practical guide. **EXCLI Journal**. 2023 Feb 21; 22:274-294. doi: 10.17179/excli2022-5720.
15. [Ghasemi A](#), Gheibi S, Kashfi Kh*, Jeddi S*: Anti-oxidant effect of nitrite in the pancreatic islets of type 2 diabetic male rats. **Iranian Journal of Basic Medical Sciences**. 2023 Apr; 26(4):420-428. doi: 10.22038/IJBMS.2023.68245.14900.
16. Yousefzadeh N, Jeddi S, Zarkesh M, Kashfi Kh, [Ghasemi A](#)*: Altered sialin mRNA gene expression in type 2 diabetic male Wistar rats: implications for nitric oxide deficiency. **Scientific reports**. 2023 Mar 10; 13(1):4013. doi: 10.1038/s41598-023-31240-4.
17. Bagheripour F, Jeddi S, Kashfi Kh*, [Ghasemi A](#)*: Metabolic effects of L-citrulline in type 2 diabetes. **Acta physiologica**. 2023 Jan 16; e13937. doi: 10.1111/apha.13937.
18. Bahadoran Z, Mirmiran P, Kashfi Kh, [Ghasemi A](#)*: Scientific Publishing in Biomedicine: Information Literacy. **International Journal of Endocrinology and Metabolism**. 2022 Aug 12; 20(3):e128701. doi: 10.5812/ijem-128701.
19. Yousefzadeh N, Jeddi S, Kashfi Kh, [Ghasemi A](#)*: Long-term inorganic nitrate administration protects against ovariectomy-induced osteoporosis in rats. **Excli journal**. 2022; 21:1151-1166. doi: <https://doi.org/10.17179/excli2022-5082>.
20. [Ghasemi A](#), Jeddi S*: Quantitative aspects of nitric oxide production in the heart. **Molecular biology report**. 022 Sep 15. doi: 10.1007/s11033-022-07889-x.
21. Yousefzadeh N, Jeddi S, Afzali H, Kashfi Kh, [Ghasemi A](#)*: Chronic nitrate administration increases the expression of the genes involved in the browning of white adipose tissue in female rats 2022. **Cell Biochemistry & Function**. 2022 Sep 13. doi: 10.1002/cbf.3741.
22. [Ghasemi A](#), Afzali H, Jeddi S*: Effect of oral nitrite administration on gene expression of SNARE proteins involved in insulin secretion from pancreatic islets of male type 2 diabetic rats. **Biomedical journal**. 2022 Apr; 45(2):387-395. doi: 10.1016/j.bj.2021.04.004.
23. Jeddi S, Gheibi S, Afzali H, Carlström M, Kashfi Kh, [Ghasemi A](#)*: Hydrogen sulfide potentiates the protective effects of nitrite against myocardial ischemia-reperfusion injury in type 2 diabetic rats. **Nitric Oxide - Biology and Chemistry**. 2022 Apr 30; 124:15-23. doi: 10.1016/j.niox.2022.04.004.
24. [Ghasemi A](#)*: Quantitative aspects of nitric oxide production from nitrate and nitrite. **EXCLI Journal**. 2022 Feb 21; 21:470-486. doi: 10.17179/excli2022-4727.
25. Bahadoran Z, Mirmiran P, Kashfi Kh, [Ghasemi A](#)*: Scientific Publishing in Biomedicine: Revising a Peer-reviewed Manuscript. **International Journal of Endocrinology and Metabolism**. 2022 Jan 1; 20(1):e120366. doi: 10.5812/ijem.120366.
26. Bahadoran Z, Jeddi S, Mirmiran P, Kashfi Kh, Azizi F, [Ghasemi A](#)*: Association between serum hydrogen sulfide concentrations and dysglycemia: a population-based study. **BMC Endocrine Disorders**. 2022 Mar 28; 22(1):79. doi: 10.1186/s12902-022-00995-8.
27. Bahadoran Z, Mirmiran P, Kashfi Kh, [Ghasemi A](#)*: Carbon monoxide and β -cell function: Implications for type 2 diabetes mellitus. **Biochemical Pharmacology**. 2022 Apr 20; 115048. doi: 10.1016/j.bcp.2022.115048.

[Type here]

28. Yousefzadeh N, Jeddi S, Shokri M, Afzali H, Norouzirad R, Kashfi Kh, **Ghasemi A***: Long Term Sodium Nitrate Administration Positively Impacts Metabolic and Obesity Indices in Ovariectomized Rats. **Archives of medical research**. February 2022; S0188-4409(21)00199-5. doi: 10.1016/j.arcmed.2021.09.007.
29. Sheikholeslami S, Azizi F, **Ghasemi A**, Alibakhshi A, Parsa H, Shivaee S, Zarif-Yeganeh M, Hedayati M, Teimoori-Toolabi L*: The Epigenetic Modification of SLC5A8 in Papillary Thyroid Carcinoma and Its Effects on Clinic-Pathological Features. **Iranian Journal of Public Health**. 2022. Vol 51 No 3 (2022). <https://doi.org/10.18502/ijph.v51i3.8940>
30. Gaeini Z, Bahadoran Z*, Mirmiran P, Norouzirad R, **Ghasemi A**, Azizi F: Spot urinary microalbumin concentration, metabolic syndrome and type 2 diabetes: Tehran lipid and glucose study. **BMC Endocrine Disorders**. 2022 Mar 8; 22(1):59. doi: 10.1186/s12902-022-00976-x.
31. Bahadoran Z, Mirmiran P, Norouzirad R, **Ghasemi A***, Azizi F: Monitoring population salt intake using casual urinary sodium: Tehran Lipid and Glucose Study. **Nutrition and Metabolism**. 2022 Mar 15; 19(1):19. doi: 10.1186/s12986-022-00658-4.
32. Jeddi S, Yousefzadeh N, Kashfi Kh*, **Ghasemi A***: Role of nitric oxide in type 1 diabetes-induced osteoporosis. **Biochemical Pharmacology**. March 2022; 197:114888. doi: 10.1016/j.bcp.2021.114888. Online ahead of print.
33. Bahadoran Z, Mirmiran P, Kashfi Kh, **Ghasemi A***: Hyperuricemia-induced endothelial insulin resistance: the nitric oxide connection. **Pflugers Archiv European Journal of Physiology**. 2022 Jan. doi: 10.1007/s00424-021-02606-2.
34. Mirmiran P, Gaeini Z, Bahadoran Z*, **Ghasemi A**, Norouzirad R, Tohidi M, Azizi F: Urinary sodium-to-potassium ratio: a simple and useful indicator of diet quality in population-based studies. **European journal of medical research**. 2021 Jan 6;107:58-65. doi: 10.1016/j.niox.2020.12.005.
35. **Ghasemi A***: Uric acid-induced pancreatic β -cell dysfunction. **BMC endocrine disorders**. . 2021 Feb 16;21(1):24. doi: 10.1186/s12902-021-00698-6.
36. **Ghasemi A**, Jeddi S*, Kashfi Kh*: The laboratory rat: Age and body weight matter. **EXCLI Journal**. 2021 Sep 23;20:1431-1445. doi: 10.17179/excli2021-4072.
37. Jeddi S, Gheibi S, Kashfi Kh, **Ghasemi A***: Sodium hydrosulfide has no additive effects on nitrite-inhibited renal gluconeogenesis in type 2 diabetic rats. **Life Sciences**. 2021 Oct 15;283:119870. doi: 10.1016/j.lfs.2021.119870
38. Bahadoran Z, Mirmiran P, Kashfi Kh, **Ghasemi A***: Scientific Publishing in Biomedicine: How to Write a Cover Letter? **International Journal of Endocrinology and Metabolism**. 2021 Jul 25;19(3):e115242. doi: 10.5812/ijem.115242.
39. Bahadoran Z, Mirmiran P, Kashfi Kh, **Ghasemi A***: Scientific Publishing in Biomedicine: How to Choose a Journal? **Int J Endocrinol Metab**. Volume 19, Issue 1, January 2021, Article number e108417. doi: 10.5812/ijem.108417.
40. Bahadoran Z, Mirmiran P, Kashfi Kh, **Ghasemi A***: Lost-in-Translation of Metabolic Effects of Inorganic Nitrate in Type 2 Diabetes: Is Ascorbic Acid the Answer? **International journal of molecular sciences**. 2021 Apr 29;22(9):4735. doi: 10.3390/ijms22094735.
41. Jeddi S, Yousefzadeh N, Afzali H, **Ghasemi A***: Long-term nitrate administration increases expression of browning genes in epididymal adipose tissue of male type 2 diabetic rats. **Gene**. 15 January 2021;145155. doi: 10.1016/j.gene.2021.145155.
42. Jeddi S, Gheibi S, Carlström M, Kashfi K*, **Ghasemi A***: Long-term co-administration of sodium nitrite and sodium hydrosulfide inhibits hepatic gluconeogenesis in male type 2 diabetic rats: Role of PI3K-Akt-eNOS pathway. **Life Sci**. . 2021 Jan 15;118770. doi: 10.1016/j.lfs.2020.118770.
43. Bahadoran Z, Mirmiran P, Carlström M, **Ghasemi A***: Inorganic nitrate: A potential prebiotic for oral microbiota dysbiosis associated with type 2 diabetes. **Nitric Oxide - Biology and Chemistry**. 2021 Sep 9;116:38-46. doi: 10.1016/j.niox.2021.09.001.

[Type here]

44. Yousefzadeh N, Jeddi S, [Ghasemi A*](#): Impaired Cardiovascular Function in Male Rats with Hypo- and Hyperthyroidism: Involvement of Imbalanced Nitric Oxide Synthase Levels. **Endocrine, metabolic & immune disorders drug targets**. 2021. doi: 10.2174/1871530320666200508115543.
45. Ahmadi-Noorbakhsh S*, Mirabzadeh Ardakani E, Sadighi J, Aldavood SJ, Farajli, Abbasi M, Farzad-Mohajeri S, [Ghasemi A](#), Sharif-Paghaleh E, Hatami Z, Nikravanfard N, Shamsi Gooshki E: Guideline for the Care and Use of Laboratory Animals in Iran. **Lab animal**. 2021 Nov. doi: 10.1038/s41684-021-00871-3.
46. Bahadoran Z, Mirmiran P, Kashfi K, [Ghasemi A*](#): Endogenous flux of nitric oxide: Citrulline is preferred to Arginine. **Acta physiologica** . 2021 Mar;e13572. doi: 10.1111/apha.13572.
47. [Ghasemi A](#), Afzali H, Jeddi S*: Effect of oral nitrite administration on gene expression of SNARE proteins involved in insulin secretion from pancreatic islets of male type 2 diabetic rats. **Biomedical journal**. 2021 Apr 20;S2319-4170(21)00037-8. doi: 10.1016/j.bj.2021.04.004.
48. Shokri M, Jeddi S, Faridnouri H, Khorasani V, Kashfi Kh, [Ghasemi A*](#): Effect of nitrate on gene and protein expression of nitric oxide synthase enzymes in insulin-sensitive tissues of type 2 diabetic male rats. **Endocrine, Metabolic & Immune Disorders - Drug Targets**. 2021 Jun 22. doi: 10.2174/1871530321666210622155649.
49. Bahadoran Z, Norouzirad R, Mirmiran P, Gaeini Z, Jeddi S, Shokri M, Azizi F, [Ghasemi A*](#): Effect of inorganic nitrate on metabolic parameters in patients with type 2 diabetes: A 24-week randomized double-blind placebo-controlled clinical trial. **Nitric Oxide**. 1 February 2021; S1089-8603(20)30216-0. doi: 10.1016/j.niox.2020.12.005.
50. Jeddi S, Khalifi S, Ghanbari M, [Ghasemi A*](#): Effect of Fetal and Neonatal Hypothyroidism on Glucose Tolerance in Middle-Aged Female Rats. **Endocr Metab Immune Disord Drug Targets**. 2021 Nov 8. doi: 10.2174/1871530320666201109113903.
51. Bahadoran Z, Mirmiran P, Carlström M, Norouzirad R, Jeddi S, Azizi F, [Ghasemi A*](#): Different Pharmacokinetic Response to an Acute Dose of Inorganic Nitrate in Patients with Type 2 Diabetes. **Endocrine, metabolic & immune disorders drug targets**. 2021. doi: 10.2174/1871530320666200813135251.
52. Yousefzadeh N, Jeddi S, Kashfi Kh, [Ghasemi A*](#): Diabetoporosis: Role of nitric oxide. **EXCLI J** . 2021 Apr 16;20:764-780. doi: 10.17179/excli2021-3541.
53. Ghazisaeidi B, Sarvghadi F, [Ghasemi A](#), Tohidi M, Azizi F, Amouzegar AZ*: Association Between Serum Nitric Oxide Level and Changes in Thyroid Function Test in a Population-based Study: Tehran Thyroid Study Participants (TTS). **International Journal of Endocrinology and Metabolism**. 2021 July 28;19(3):e109214. doi: 10.5812/ijem.109214.
54. Afzali H, Khaksari M, Jeddi S, Kashfi Kh, Abdollahifar M-A*, [Ghasemi A*](#): Acidified Nitrite Accelerates Wound Healing in Type 2 Diabetic Male Rats: A Histological and Stereological Evaluation. **Molecules** . 2021 Mar 26;26(7):1872. doi: 10.3390/molecules26071872.
55. Sheikholeslami S, Azizi F, [Ghasemi A](#), Alibakhshi A, Parsa H, Tavangar S.M, Shivaee S, Yeganeh M.Z, Hedayati M*, Teimoori-Toolabi L*: NOL4 is Downregulated and Hyper-Methylated in Papillary Thyroid Carcinoma Suggesting Its Role as a Tumor Suppressor Gene. **International Journal of Endocrinology and Metabolism**. Volume 18, Issue 4, 2020 Oct 19, Article number e108510.
56. Gheibi S, [Ghasemi A*](#): INSULIN SECRETION: THE NITRIC OXIDE CONTROVERSY. **EXCLI Journal**. 2020;19:1227-1245 – ISSN 1611-2156
57. Bahadoran Z, Mirmiran P, Kashfi kh, [Ghasemi A*](#): Importance of Systematic Reviews and Meta-analyses of Animal Studies: Challenges for Animal-to-Human Translation. **Journal of the American Association for Laboratory Animal Science**. 2020 Sep. doi: 10.30802/AALAS-JAALAS-19-000139.
58. Bahadoran Z, Mirmiran P, Kashfi K, [Ghasemi A*](#): The Principles of Biomedical Scientific Writing: Citation. **INTERNATIONAL JOURNAL OF ENDOCRINOLOGY AND METABOLISM**. 2020 Apr 27; 18(2):e102622. doi: 10.5812/ijem.102622.
59. Afzali H, Khaksari M, Norouzirad R, Jeddi S, Kashfi Kh, [Ghasemi A*](#): Acidified nitrite improves wound healing in type 2 diabetic rats: Role of oxidative stress and inflammation. **Nitric Oxide - Biology and Chemistry**. 2020 Oct 1;S1089-8603(20)30168-3. doi: 10.1016/j.niox.2020.07.001

[Type here]

60. Bahadoran Z, Jeddi S, Gheibi S, Mirmiran P, Kashfi K, [Ghasemi A*](#): INORGANIC NITRATE, A NATURAL ANTI-OBESITY AGENT: A SYSTEMATIC REVIEW AND META-ANALYSIS OF ANIMAL STUDIES. **EXCLI Journal**. July 06 2020;19:972-983.
61. Jeddi S, Gheibi S, Kashfi K, Carlström M, [Ghasemi A*](#): Protective Effect of Intermediate Doses of Hydrogen Sulfide Against Myocardial Ischemia-Reperfusion Injury in Obese Type 2 Diabetic Rats. **Life Sciences**, Volume 256, 1 September 2020, Article number 117855. DOI: 10.1016/j.lfs.2020.117855.
62. Jeddi S, Gheibi S, Kashfi K*, Carlström M, [Ghasemi A*](#): Dose-dependent effects of long-term administration of hydrogen sulfide on myocardial ischemia– reperfusion injury in male wistar rats: Modulation of RKIP, NF-κB, and oxidative stress. **International Journal of Molecular Sciences**, Volume 21, Issue 4, 19 February 2020, Article number 1415, doi: 10.3390/ijms21041415
63. Bahadoran Z, Mirmiran P, Kashfi K, [Ghasemi A*](#): The principles of biomedical scientific writing: Abstract and keywords. **INTERNATIONAL JOURNAL OF ENDOCRINOLOGY AND METABOLISM**, Volume 18, Issue 1, 28 January 2020, Article number e100159, doi: 10.5812/ijem.100159.
64. Mohammadi F, Ahmadi-Zeidabadi M, Nazeri M, [Ghasemi A](#), Shabani M*: Nitric oxide modulates cognitive, nociceptive and motor functions in a rat model of empathy. **The International journal of neuroscience**, 2020 Sep.
65. Yousefzadeh N, Kashfi Kh, [Jeddi S*](#), [Ghasem. A](#): Ovariectomized rat model of osteoporosis: A practical guide. **EXCLI Journal**, Volume 19, 2020 Jan 10, Pages 89-107, doi: 10.17179/excli2019-1990.
66. Ghanbari M, Norouzirad R, Bagheripuor F, Jeddi S, [Ghasem. A*](#): Changes in nitric oxide synthase levels are associated with impaired cardiac function and tolerance to ischemia-reperfusion injury in male rats with transient congenital hypothyroidism. **Naunyn-Schmiedeberg's Archives of Pharmacology**, 1 June 2020.
67. Bahadoran Z, Carlström M, Mirmiran P, [Ghasemi A*](#): Nitric oxide: to be or not to be an endocrine hormone? **Acta physiologica**, Volume 229, Issue 1, 1 May 2020, Article number e13443.
68. Bahadoran Z, Mirmiran P, [Ghasemi A*](#): Role of Nitric Oxide in Insulin Secretion and Glucose Metabolism. **Trends Endocrinol Metab**. Volume 31, Issue 2, February 2020, Pages 118-130, doi: 10.1016/j.tem.2019.10.001.
69. Mirmiran P, Bahadoran Z, [Ghasemi A](#), Hosseinpanah F*: Type 2 Diabetes and Cancer: An Overview of Epidemiological Evidence and Potential Mechanisms. **Critical Reviews in Oncogenesis**. Volume 24, Issue 3, 2019, Pages 223-233. doi: 10.1615/CritRevOncog.2019031153.
70. Bahadoran Z, Mirmiran P, [Ghasemi A](#), Kashfi K*. Type 2 Diabetes and Cancer: The Nitric Oxide Connection. **Critical Reviews in Oncogenesis**. Volume 24, Issue 3, 2019, Pages 235-242. DOI: 10.1615/CritRevOncog.2019031256.
71. [Ghasemi A*](#), Norouzirad R: Type 2 Diabetes: An Updated Overvie. **Critical Reviews in Oncogenesis**. Volume 24, Issue 3, 2019, Pages 213-222. doi: 10.1615/CritRevOncog.2019030976
72. Gheibi S, Mahmoodzadeh A, Kashfi K, Jeddi S, [Ghasemi A*](#): Data Extraction from Graphs Using Adobe Photoshop: Applications for Meta-Analyses. **Int J Endocrinol Metab**. 2019 Oct 8;17(4):e95216. doi: 10.5812/ijem.95216.
73. Bahadoran Z, Mirmiran P, Kashfi K, [Ghasemi A*](#): The Principles of Biomedical Scientific Writing: Title. **Int J Endocrinol Metab**. 2019 Oct 22;17(4):e98326. doi: 10.5812/ijem.98326.
74. Bahadoran Z, Mirmiran P, Azizi F, [Ghasemi A*](#): A brief history of modern endocrinology and definitions of a true hormone. **Endocr Metab Immune Disord Drug Targets**. 2019;19(8):1116-1121. doi: 10.2174/1871530319666190326142908.
75. [Ghasemi A](#), Bahadoran Z, Mirmiran P, Hosseinpanah F, Shiva N, Zadeh-Vakili A*: The Principles of Biomedical Scientific Writing: Discussion. **Int J Endocrinol Metab**. 2019 Jul 29;17(3):e95415. doi: 10.5812/ijem.95415.
76. Gheibi S, Jeddi S, Carlström M, Kashfi K*, [Ghasemi A*](#): Hydrogen sulfide potentiates the favorable metabolic effects of inorganic nitrite in type 2 diabetic rats. **Nitric Oxide**. 2019 Aug 31. pii: S1089-8603(19)30118-1. doi: 10.1016/j.niox.2019.08.006.

[Type here]

77. Bahadoran Z, Mirmiran P, Zadeh-Vakili A, Hosseinpanah F, [Ghasemi A*](#): The Principles of Biomedical Scientific Writing: Results. **Int J Endocrinol Metab.** 2019 Apr 24;17(2):e92113. doi: 10.5812/ijem.92113.
78. Norouzirad R, Gholami H, Ghanbari M, Hedayati M, González-Muniesa P, Jeddi S, Ghasemi A*: Dietary inorganic nitrate attenuates hyperoxia-induced oxidative stress in obese type 2 diabetic male rats. **Life Sciences**, Volume 230, 1 August 2019, Pages 188-196. doi: 10.1016/j.lfs.2019.05.068.
79. Bahadoran Z, Mirmiran P, Tahmasebinejad Z, Azizi F, [Ghasemi A*](#): Serum nitric oxide metabolites and hard clinical endpoints: Findings of a population-based prospective study. **Scand Cardiovasc J.** 2019 May 13:1-7. doi: 10.1080/14017431.2019.1618493.
80. Bahadoran Z, Mirmiran P, Jeddi S, Carlström M, Azizi F, [Ghasemi A*](#): Circulating markers of nitric oxide homeostasis and cardiometabolic diseases: insights from population-based studies. **Free Radic Res.** 2019 Apr;53(4):359-376. doi: 10.1080/10715762.2019.1587168
81. [Ghasemi A](#), Bahadoran Z, Zadeh-Vakili A, Montazeri SA, Hosseinpanah F*: The Principles of Biomedical Scientific Writing: Materials and Methods. **Int J Endocrinol Metab.** 2019 January; 17(1):e88155.
82. Jeddi S, Gholami H, Gheibi S, Kashfi K, [Ghasemi A*](#): Altered gene expression of hydrogen sulfide-producing enzymes in the liver and muscles tissues of hyperthyroid rats. **J Cell Physiol.** 2019 Mar 1. doi: 10.1002/jcp.28426.
83. Rahmani M, Jeddi S, Ghanbari M, Momenan AA, Azizi F, [Ghasemi A*](#): Reference Values for Serum Lipid Profiles in Iranian Adults: Tehran Lipid and Glucose Study. **Arch Iran Med.** 2019 Jan 1;22(1):24-31.
84. Khorasani V, Jeddi S, Yaghmaei P, Tohidi M, [Ghasemi A*](#): Effect of long-term sodium nitrate administration on diabetes-induced anemia and glucose homeostasis in obese type 2 diabetic male rats. **Nitric Oxide.** 2019 Feb 14;86:21-30. doi: 10.1016/j.niox.2019.02.003.
85. Bahadoran Z, [Ghasemi A](#), Mirmiran P*, Mehrabi Y, Azizi F, Hadaegh F: Estimation and validation of dietary nitrate and nitrite intake in Iranian population. **Iran J Public Health.** 2019 Jan;48(1):162-170.
86. Norouzirad R, Ghanbari M, Bahadoran Z, Abdollahifar MA, Rasouli N, [Ghasemi A*](#): Hyperoxia improves carbohydrate metabolism by browning of white adipocytes in obese type 2 diabetic rats. **Life Sci.** 2019 Mar 1;220:58-68. doi: 10.1016/j.lfs.2019.01.045.
87. Mirmiran P, Bahadoran Z, Tahmasebinejad ZH, Azizi F, [Ghasemi A*](#): Circulating nitric oxide metabolites and the risk of cardiometabolic outcomes: A prospective population-based study. **Biomarkers.** 2019.
88. Gheibi S, Jeddi S, Kashfi K*, [Ghasemi A*](#): Effects of Hydrogen Sulfide on Carbohydrate Metabolism in Obese Type 2 Diabetic Rats. **Molecules.** 2019 Jan 6;24(1). pii: E190. doi: 10.3390/molecules24010190.
89. Ataie, Z, Mehrani, H, [Ghasemi, A](#), Farrokhfall, K*: Cinnamaldehyde has beneficial effects against oxidative stress and nitric oxide metabolites in the brain of aged rats fed with long-term, high-fat diet. **Journal of Functional Foods**: Volume 52, January 2019, Pages 545-551.
90. Bahadoran Z, Mirmiran P, Nourozirad, Jeddi S, Rajab A, Azizi F, [Ghasemi A*](#): The Effects of Inorganic Nitrate on Carbohydrate and Lipid Metabolism in Type 2 Diabetes: The Protocol of a Randomized Placebo-Controlled Clinical Trial. **Herbal Medicines Journal.** 2018; Vol. 3, No. 1:31-45.
91. Bahadoran Z, Mirmiran P, Jeddi S, Momenan AA, Azizi F, [Ghasemi A*](#): The Nitrate-Nitrite-Nitric Oxide Pathway: Findings from 20 Years of the Tehran Lipid and Glucose Study. **Int J Endocrinol Metab.** 2018 Oct 14;16(4 Suppl):e84775. doi: 10.5812/ijem.84775.
92. Bahadoran Z, Jeddi S, Mirmiran P, [Ghasemi A*](#): The Principles of Biomedical Scientific Writing: Introduction. **Int J Endocrinol Metab.** 2018 Oct 28;16(4):e84795. doi: 10.5812/ijem.84795.
93. Bakhtiarzadeh F, Siavoshi F, Gheibi S, Kashfi K, Samadi R, Jeddi S*, [Ghasemi A*](#): Effects of long-term oral nitrate administration on adiposity in normal adult female rats. **Life Sci.** 2018 Oct 1;210:76-85. doi: 10.1016/j.lfs.2018.08.032.
94. [Ghasemi A](#), Asgari S, Hadaegh F, Kheirandish M, Azimzadeh I, Azizi F, Tohidi M*: New modified Friedewald formulae for estimating low-density lipoprotein cholesterol according to triglyceride levels: extraction and validation. **Endocrine.** 2018 Jul 24. doi: 10.1007/s12020-018-1685-2.

[Type here]

95. Varzandi T, Abdollahifar MA, Haeri Rohani SA, Piryaei A, Zadeh-Vakili A, Jeddi S, **Ghasemi A***: Effect of long-term nitrite administration on browning of white adipose tissue in type 2 diabetic rats: A stereological study. **Life Sci**. 15 August 2018;207: 219-226. doi: 10.1016/j.lfs.2018.06.012
96. Bagheripuor F , Ghanbari M , Piryaei A , **Ghasemi A***: Effects of fetal hypothyroidism on uterine smooth muscle contraction and structure of offspring rats. **Exp Physiol**. 2018 May 1;103(5):683-692. doi: 10.1113/EP086564.
97. Bahadoran Z, Carlström M, **Ghasemi A**, Mirmiran P*, Azizi F, Hadaegh F: Total antioxidant capacity of the diet modulates the association between habitual nitrate intake and cardiovascular events: A longitudinal follow-up in Tehran Lipid and Glucose Study. **Nutrition and Metabolism** 2018 Feb 27;15:19. doi: 10.1186/s12986-018-0254-2.
98. Gheibi S, Jeddi S, Carlström M, Gholami H, **Ghasemi A***: Effects of long-term nitrate supplementation on carbohydrate metabolism, lipid profiles, oxidative stress, and inflammation in male obese type 2 diabetic rats. **Nitric Oxide**. 2018 Feb 10;75:27-41. doi: 10.1016/j.niox.2018.02.002.
99. Gheibi S, Jeddi S, Kashfi K, **Ghasemi A***: Regulation of vascular tone homeostasis by NO and H2S: Implications in hypertension. **Biochem Pharmacol**. 2018 Mar;149:42-59. doi: 10.1016/j.bcp.2018.01.017.
100. Bahadoran, Z, Mirmiran P , Azizi F, **Ghasemi A***: Nitrate-rich dietary supplementation during pregnancy: the pros and cons. **Pregnancy Hypertens**. 2018 Jan;11:44-46. doi: 10.1016/j.preghy.2017.12.010.
101. Jeddi S, **Ghasemi A**, Asgari A, Nezami-Asl A*: Role of inducible nitric oxide synthase in myocardial ischemia-reperfusion injury in sleep-deprived rats. **Sleep Breath**. 2018 May; 22(2):353-359. doi: 10.1007/s11325-017-1573-7.
102. Sareh Z, Azita Zadeh , Mahsa N, Razieh Bidhendi Y, **Ghasemi A**, Amir RA, Fahimeh Ramezani T*: Prenatal Exposure of Kisspeptin Antagonist on the Gonadotropin Releasing Hormone (GnRH) Expression in Rat Model of Polycystic Ovary Syndrome. **Journal of fertilization. In vitro IVF worldwide reproductive medicine genetics & stem cell biology**. 2017, 5:3:1-8. DOI: 10.4172/2375-4508.1000206.
103. Mirmiran P, Moghadam SK, Bahadoran Z*, **Ghasemi A**, Azizi F: Dietary L-Arginine Intakes and the Risk of Metabolic Syndrome: A 6-Year Follow-Up in Tehran Lipid and Glucose Study. **Prev Nutr Food Sci**. 2017 Dec;22(4):263-270. doi: 10.3746/pnf.2017.22.4.263.
104. Bahadoran, Z, Mirmiran P , Kabir A, Azizi F, **Ghasemi A***: The Nitrate-Independent Blood Pressure-Lowering Effect of Beetroot Juice: A Systematic Review and Meta-Analysis. **Adv Nutr**, 2017. 8(6): p. 830-838.
105. Gholami H, Jeddi S, Zadeh-Vakili Z, Farrokhhfall Kh, Rouhollah R, Zarkesh M, Ghanbari M, **Ghasemi A***: Transient Congenital Hypothyroidism Alters Gene Expression of Glucose Transporters and Impairs Glucose Sensing Apparatus in Young and Aged Offspring Rats. **Cell Physiol Biochem**. 2017 Oct 27;43(6):2338-2352. doi: 10.1159/000484386.
106. **Ghasemi A***, Jeddi S: Anti-obesity and anti-diabetic effects of nitrate and nitrite. **Nitric Oxide**. 1 November 2017;70:9-24. doi: 10.1016/j.niox.2017.08.003.
107. Gheibi S, Kashefi Kh, **Ghasemi A***: A practical guide for induction of type-2 diabetes in rat: Incorporating a high-fat diet and streptozotocin. **Biomedicine & Pharmacotherapy**, Volume 95, November 2017, Pages 605–613.
108. Ghanbari M, **Ghasemi A***: Maternal hypothyroidism: An overview of current experimental models. **Life Sciences**, Volume 187 (2017) Pages 1–8.
109. Mirmiran P, Bahadoran Z*, **Ghasemi A**, Azizi F*: Contribution of dietary amino acids composition to incidence of cardiovascular outcomes: A prospective population-based study. **Nutrition, Metabolism and Cardiovascular Diseases**. Volume 27, Issue 7, July 2017, Pages 633-641.
110. Norouzirad R, González-Muniesa P, **Ghasemi A***: Hypoxia in Obesity and Diabetes: Potential Therapeutic Effects of Hyperoxia and Nitrate. **Oxidative Medicine and Cellular Longevity**. Volume 2017, Article ID 5350267, 14 pages.

[Type here]

111. Mirmiran P, Bahadoran Z*, [Ghasemi A](#), Jeddi S, Azizi F: High-sulforaphane broccoli sprout powder reduces serum nitric oxide metabolites in *Helicobacter pylori* infected patients. *Journal of Functional Foods*. **Journal of Functional Foods**. 34 (2017) 356–358.
112. Salehi Jahromi M, Ramezani Tehrani F, Hill JW, Noroozadeh M, Zarkesh M, [Ghasemi A](#), Zadeh-Vakili A*: Alteration in follistatin gene expression detected in prenatally androgenized rats. *Gynecol Endocrinol*. 2017 Jun;33(6):433-437. doi: 10.1080/09513590.2017.
113. Makhzani P, Afghan M, Tohidi M, Bagheripour F, Azizi F, [Ghasemi A*](#): Are serum nitric oxide metabolites associated with fasting insulin among Iranian adults? (Tehran Lipid and Glucose Study). *Endocr Res*. 2017 May;42(2):96-101. doi: 10.1080/07435800.2016.1197933
114. Samadi R, Ghanbari M, Shafiei B, Gheibi S, Azizi F, [Ghasemi A*](#): High dose of radioactive iodine per se has no effect on glucose metabolism in thyroidectomized rats. *Endocrine*. 2017 Mar 10. doi: 10.1007/s12020-017-1274-9.
115. Tohidi M, Arbab P, [Ghasemi A*](#): Assay-dependent variability of serum insulin concentrations: a comparison of eight assays. *Scand J Clin Lab Invest*. 2017 Apr;77(2):122-129. doi: 10.1080/00365513.2016.1278260.
116. Samadi R, Shafiei B, Azizi F, [Ghasemi A*](#): Radioactive Iodine Therapy and Glucose Tolerance. *Cell journal*. 2017 Jul-Sep;19(2):184-193. doi: 10.22074/cellj.2016.4251.
117. Gheibi S, Bakhtiarzadeh F, Jeddi S, Farrokhfall K, Zardooz H, [Ghasemi A*](#): Nitrite increases glucose-stimulated insulin secretion and islet insulin content in obese type 2 diabetic male rats. *Nitric Oxide*. 2017 Jan 9. pii: S1089-8603(16)30138-0. doi: 10.1016/j.niox.2017.01.003.
118. Bahadoran Z, Mirmiran P, [Ghasemi A](#), Carlström M, Azizi F, Hadaegh F*: Vitamin C intake modify the impact of dietary nitrite on the incidence of type 2 diabetes: A 6-year follow-up in Tehran Lipid and Glucose Study. *Nitric Oxide*. 2017 Jan 30;62:24-31. doi: 10.1016/j.niox.2016.11.005
119. Bahadoran Z, Mirmiran P*, [Ghasemi A](#), Carlström M, Azizi F, Hadaegh F*: Association between Dietary Intakes of Nitrate and Nitrite and the Risk of Hypertension and Chronic Kidney Disease: Tehran Lipid and Glucose Study. *Nutrients*. 2016 Dec 21;8(12). pii: E811. doi: 10.3390/nu8120811.
120. Jeddi S, Khalifi S, Ghanbari M, Bageripour F, [Ghasemi A*](#): Effects of Nitrate Intake on Myocardial Ischemia-Reperfusion Injury in Diabetic Rats. *Arq Bras Cardiol*. 2016 Oct;107(4):339-347
121. Ghanbari M, Bagheripour F, Piryaei A, Zahediasl S, Noroozadeh M, [Ghasemi A*](#): Hemodynamic properties and arterial structure in male rat offspring with fetal hypothyroidism. *Gen Physiol Biophys*. 2016 Oct;35(4):397-405.
122. Jahromi MS, Tehrani FR, Noroozadeh M, Zarkesh M, [Ghasemi A](#), Zadeh-Vakili A*: Elevated expression of steroidogenesis pathway genes; CYP17, GATA-6 and StAR in prenatally androgenized rats. *Gene*. 2016 Nov 15;593(1):167-71. doi: 10.1016/j.gene.2016.07.067.
123. Bahadoran Z, [Ghasemi A](#), Mirmiran P*, Azizi F, Hadaegh F: Nitrate-nitrite-nitrosamines exposure and the risk of type 1 diabetes: A review of current data. *World J Diabetes*. 2016 Oct 15;7(18):433-440
124. Bahadorana Z, Mirmirana P, Jeddib S, Azizic F, [Ghasemi A*](#), Hadaeghd F: Nitrate and nitrite content of vegetables, fruits, grains, legumes, dairy products, meats and processed meats. *Journal of Food Composition and Analysis*. Volume 51, August 2016, Pages 93–105
125. Bahadoran Z, Mirmiran P, Tahmasebi Nejad Zh, [Ghasemi A*](#) & Azizi F: Serum nitric oxide is associated with the risk of chronic kidney disease in women: Tehran lipid and glucose study. *Scandinavian Journal of Clinical and Laboratory Investigation* 2016 Jul;76(4):304-8. doi: 10.3109/00365513.2016.1149880
126. Bagheripour F, Gharibzadeh S, Ghanbari M, Amouzegar A, Tohidi M, Azizi F, [Ghasemi A*](#): Association between serum nitric oxide metabolites and thyroid hormones in a general population: Tehran thyroid study. *Endocr Res*. 2016 Aug;41(3):193-9. doi: 10.3109/07435800.2015.1126844
127. Mirmiran P, Bahadoran Z*, [Ghasemi A](#) & Azizi F*: The Association of Dietary L-Arginine Intake and Serum Nitric Oxide Metabolites in Adults: A Population-Based Study. *Nutrients* 2016, 8(5), 311; doi:10.3390/nu8050311.
128. Jeddi S, Zaman J & [Ghasemi A*](#): Effect of fetal hypothyroidism on tolerance to ischemia-reperfusion injury in aged male rats: role of nitric oxide. *Nitric Oxide*. (2016): 55–56, 82–90.

[Type here]

129. Jeddi S, Nezami Asl A*, Asgari A& **Ghasemi A**: The Effect of Sleep Deprivation on Cardiac Function and Tolerance to Ischemia-Reperfusion Injury in Male Rats. **Arq Bras Cardiol.** (2016): 106, 41-48
130. Rouintan Z, Farrokhfall KH, Karbalaei N& **Ghasemi A***: Nitric Oxide Overproduction Reduces Insulin Secretion from Isolated Islets in Fetal Hypothyroid Rats. **Hormone and Metabolic Research.** (2016): 48, 145-50
131. Hadaegh F, Asgari S, bozorgmanesh MR, Jeddi S, Azizi F& **Ghasemi A***: Added value of total serum nitrate/nitrite for prediction of cardiovascular disease in middle east caucasian residents in Tehran. **Nitric Oxide - Biology and Chemistry.** (2016): 54, 60-66
132. Afghan M, **Ghasemi A***& Azizi F: Seven-Year Changes of Leisure-Time and Occupational Physical Activity among Iranian Adults (Tehran Lipid and Glucose Study). **Iran J Public Health.** (2016):45, 41-47
133. Jeddi S, Zaman J, Vakili AZ, Zarkesh M , **Ghasemi A***: Involvement of inducible nitric oxide synthase in the loss of cardioprotection by ischemic postconditioning in hypothyroid rats. **Gene.** (2016): 580, 169-76
134. Deihim T, Amiri P*, Taherian R, Tohidi M, **Ghasemi A**, Cheraghi L& Azizi F: Which insulin resistance-based definition of metabolic syndrome has superior diagnostic value in detection of poor health-related quality of life? Crosssectional findings from Tehran Lipid and Glucose Study. **Health and Quality of Life Outcomes.** (2015):13, 1-8
135. Tehrani F*, Behboudi S, **Ghasemi A**, Azizi F: Association between serum concentrations of nitric oxide and transition to menopause. **Acta Obstetricia et Gynecologica Scandinavica.** (2015):94, 708-14
136. **Ghasemi A**, Azimzadeh I, Afghan M, Momenan A, Bagheripour F , Azizi F*: Pediatric Reference Values for Serum Creatinine and Estimated Glomerular Filtration Rate in Iranians: Tehran Lipid and Glucose Study. **Archives of Iranian Medicine.** (2015): 18, 753, 9.
137. Bahadoran Z, Mirmiran P, **Ghasemi A***& Azizi F: Serum nitric oxide metabolites are associated with the risk of hypertriglyceridemic-waist phenotype in women: Tehran Lipid and Glucose Study. **Nitric Oxide - Biology and Chemistry.** (2015): 15, 52-57
138. Ghanbari M, Jeddi S, Bagheripour F& **Ghasemi A***: The effect of maternal hypothyroidism on cardiac function and tolerance to ischemia-reperfusion injury in offspring male and female rats. **Journal of endocrinological investigation.** (2015);38, 915-22
139. **Ghasemi A**, Tohidi M*, Derakhshan A, Hasheminia M, Azizi F& Hadaegh F: Cut-off points of homeostasis model assessment of insulin resistance, beta-cell function, and fasting serum insulin to identify future type 2 diabetes: Tehran Lipid and Glucose Study. **Acta Diabetologica.** (2015): 52, 905-15
140. Zaman, J, Jeddi, S, Daneshpour, M. S., Zarkesh, M., Daneshian, Z. & **Ghasemi A***: Ischemic postconditioning provides cardioprotective and antiapoptotic effects against ischemia-reperfusion injury through iNOS inhibition in hyperthyroid rats. **Gene.** (2015): 570, 185-190
141. Bahadoran Z, Mirmiran P, **Ghasemi A***, Kabir A., Azizi F. & Hadaegh F: Is dietary nitrate/nitrite exposure a risk factor for development of thyroid abnormality? A systematic review and meta-analysis. **Nitric Oxide.** (2015):47, 65-76
142. Bahadoran Z., **Ghasemi A.**, Mirmiran P., Azizi F. & Hadaegh F*: Beneficial effects of inorganic nitrate/nitrite in type 2 diabetes and its complications. **Nutrition & metabolism.** (2015): 12, 1-9
143. Tehrani F. R, Behboudi-Gandevani S, **Ghasemi A*** & Azizi F: Menopause status as the main factor explaining the gender differences of serum nitric oxide concentrations in middle-aged population. **Archives of gynecology and obstetrics.** (2015): 291, 159-163
144. Godini A, **Ghasemi A*** , & Zahediasl S: The Possible Mechanisms of the Impaired Insulin Secretion in Hypothyroid Rats. **PLoS one,** 2015: 10(7): p. e0131198.
145. Farrokhfall K., Hashtroudi M. S, **Ghasemi A** & Mehrani H*: Comparison of inducible nitric oxide synthase activity in pancreatic islets of young and aged rats. **Iranian journal of basic medical sciences.** (2015): 18(2):115-21.
146. Bagheripour F, Ghanbari M, Zahediasl S, **Ghasemi A***: Comparison of the effects of fetal hypothyroidism on glucose tolerance in male and female rat offspring. **The Journal of Physiological Sciences.** 2015 Mar;65(2):179-85. doi: 10.1007/s12576-015-0358-7.

[Type here]

147. Sedaghat K, Zahediasl S & **Ghasemi A***: Intrauterine programming. **Iranian journal of basic medical sciences.** (2015): 18, 212.
148. Sedaghat K, Zahediasl S & **Ghasemi A***: Gestational hypothyroidism-induced changes in L-type calcium channels of rat aorta smooth muscle and their impact on the responses to vasoconstrictors. **Iranian journal of basic medical sciences.** (2015): 18, 172
149. Jeddi S, Syedmoradi L, Bagheripour F, **Ghasemi A***: The Effects of Vitamin D on Insulin Release From Isolated Islets of Rats. **Int J Endocrinol Metab** (2015);13(1):e20620. doi: 10.5812/ijem.20620.
150. Khalifi S, Rahimipour A, Jeddi S, Ghanbari M, Kazerouni F, **Ghasemi A*** : Dietary nitrate improves glucose tolerance and lipid profile in an animal model of hyperglycemia. **Nitric Oxide.** (2015); 44:24-30.
151. MEHRAZIN F., **GHA SEMI A***-ZAHEDIASL S: Nitrate/L-arginine Therapy and Nitric Oxide Levels in the Stomach and Liver of Rats. **Zahedan Journal of Research in Medical Sciences**, 2015 September; 17(9):e1056.
152. Jeddi S, Zaman J, **Ghasemi A***: Effects of Ischemic Postconditioning on the Hemodynamic Parameters and Heart Nitric Oxide Levels of Hypothyroid Rats. **Arquivos brasileiros de cardiologia.** 2015 Feb;104(2):136-43. doi: 10.5935/abc.20140181.
153. Zaman J, Jeddi S & **Ghasemi A***: The Effects of Ischemic Postconditioning on Myocardial Function and Nitric Oxide Metabolites Following Ischemia-Reperfusion in Hyperthyroid Rats. **Korean J Physiol Pharmacol.** 2014 Dec;18(6):481-7. doi: 10.4196/kjpp.2014.18.6.481.
154. **Ghasemi A***, Khalifi S & Jeddi S: Streptozotocin-nicotinamide-induced rat model of type 2 diabetes (review). **Acta Physiologica Hungarica.** (2014) 101, 408-420
155. Godini A, **Ghasemi A***, Karbalaei N, Zahediasl S: The Effect of Thyroidectomy and Propylthiouracil-Induced Hypothyroidism on Insulin Secretion in Male Rats. **Horm Metab Res.** 2014 Sep;46(10):710-6. doi: 10.1055/s-0034-1370962.
156. Karbalaei N, **Ghasemi A**, Hedayati M, Godini A, Zahediasl S*: The possible mechanisms by which maternal hypothyroidism impairs insulin secretion in adult male offspring in rats. **Exp Physiol** (2014);99:701-14.
157. **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 Sep-Oct;41(5):436-42. doi: 10.3109/03014460.2013.870228.
158. Tohidi M, **Ghasemi A***, Hadaeigh F, Derakhshan A, Chary A, Azizi F: Age- and sex-specific reference values for fasting serum insulin levels and insulin resistance/sensitivity indices in healthy Iranian adults: Tehran Lipid and Glucose Study. **Clin Biochem** (2014);47:432-8.
159. **Ghasemi A***, Azimzadehbsc, I. & Zahediaslphd, S: Reference Values for Serum Creatinine with Jaffe-compensated Assay in Adult Iranian Subjects: Tehran Lipid and Glucose Study. **Archives of Iranian medicine.**(2014): 17, 394
160. **Ghasemi A***, S. Zahediasl S*, Azizi F: Elevated nitric oxide metabolites are associated with obesity in women. **Arch Iran Med**,(2013) 16(9): p. 521-5.
161. Ramezani Tehrani F, Noroozzadeh M, Zahediasl S*, **Ghasemi A**, Piryaei A, Azizi F: Prenatal testosterone exposure worsen the reproductive performance of male rat at adulthood. **PLoS One** 2013 Aug 15;8(8):e71705. doi: 10.1371/journal.pone.0071705.
162. **Ghasemi A***, Mehrazin F, Zahediasl S: Effect of nitrate and L-arginine therapy on nitric oxide levels in serum, heart, and aorta of fetal hypothyroid rats. **J Physiol Biochem** 2013;69:751-9.
163. Karbalaei N, **Ghasemi A**, Faraji F, Zahediasl S*: Comparison of the effect of maternal hypothyroidism on carbohydrate metabolism in young and aged male offspring in rats. **Scand J Clin Lab Invest** 2013;73:87-94.
164. Farahani H., **Ghasemi A**, Roghani M & Zahediasl S*: Effect of neonatal hypothyroidism on carbohydrate metabolism, insulin secretion, and pancreatic islets morphology of adult male offspring in rats. **Journal of endocrinological investigation.**(2013): 36, 44-49
165. Zahed R, Moharamzadeh P, Alizadeharasi S, **Ghasemi A** & Saeedi, M*: A new and rapid method for epistaxis treatment using injectable form of tranexamic acid topically: a randomized controlled trial. **The American journal of emergency medicine.**(2013): 31, 1389-1392

[Type here]

166. **Ghasemi A**, Zahediasl, S*: Potential therapeutic effects of nitrate/nitrite and type 2 diabetes mellitus. **International journal of endocrinology and metabolism**.(2013): 11, 63-64
167. **Ghasemi A**, Faraji F, Valae F, Sedaghat K, Arabian M, Zahediasl S*: Diminished Response of Isolated Aorta Following Chronic Physical and Psychological Stresses and its Reversibility in Rats. **International Journal of Endocrinology and Metabolism**. 2012;10(1): 423-428. DOI: 10.5812/ijem.4062
168. **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. **Clinical Biochemistry**; 2012; 45(15):1254-6. doi: 10.1016/j.clinbiochem.2012.07.086
169. **Ghasemi A***, Zahediasl S: Preanalytical and analytical considerations for measuring nitric oxide metabolites in serum or plasma using the Griess method. **Clinical Laboratory**. 2012; 58(7-8):615-24. PMID:22997962 [Review].
170. **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; 149(3):307-14. doi: 10.1007/s12011-012-9445-2
171. Saidpour a, Kimiagar M, Zahediasl S*, **Ghasemi A**, Vafa M, Abadi AR, Daneshpour M, Zarkesh M: The modifying effects of fish oil on fasting ghrelin mRNA expression in weaned rats. *Gene* (2012); 507: 44–49
172. **Ghasemi A**, Zahediasl S*: Normality Tests for Statistical Analysis: A Guide for Non-Statisticians. **International Journal of Endocrinology and Metabolism** 2012;10(2):486-489. DOI: 10.5812/ijem.3505
173. **Ghasemi A***, Zahediasl S, Azizi F: High serum nitric oxide metabolites and incident metabolic syndrome, Scandinavian Journal of Clinical and Laboratory Investigation. 2012; 72(7):523-30. doi: 10.3109/00365513.2012.701322
174. **Ghasemi A**, Zahediasl S*: Is nitric oxide a hormone? **Iranian Biomedical Journal**. 2011 Jul;15(3):59-65. [Review]
175. Syedmoradi L, **Ghasemi A**, Zahediasl S*, Azizi F: Prevalence of hypo- and hypermagnesemia in an Iranian urban population. *Annals of Human Biology*. 2011 Mar;38(2):150-5. doi: 10.3109/03014460.2010.500472.
176. **Ghasemi A**, Zahediasl S*, Syedmoradi L, Azizi F: Association between serum nitric oxide metabolites and hypertension in a general population. *International Angiology*. 2011 Aug;30(4):380-7.
177. **Ghasemi A**, Zahediasl S*, Azimzadeh I, Azizi F: Increased serum nitric oxide metabolites in dysglycaemia. **Annals of Human Biology** 2011;38(5):577-82.
178. Faraji F, **Ghasemi A**, Motamedi F, Zahediasl S*: Time-dependent effect of GABA on glucose-stimulated insulin secretion from isolated islets in rat. **The Scandinavian Journal of Clinical & Laboratory Investigation**. 2011 Oct;71(6):462-6.
179. Tohidi M, **Ghasemi A***, Hadaeigh 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.
180. **Ghasemi A**, Zahediasl S*, Azizi F: Reference values for fasting serum glucose levels in healthy Iranian adult subjects. **Clinical Laboratory**. 2011;57(5-6):343-9.
181. Saidpour A, Zahediasl S, Kimiagar M*, Vafa, M, **Ghasemi A**, Abadi A, Daneshpour MS, Zarkesh M: Fish oil and olive oil can modify insulin resistance and plasma desacyl-ghrelin in rats. **J Res Med Sci** 2011; 16(7): 862-871.
182. Zahediasl S*, Habibi G, **Ghasemi A**, Pashaei Rad SH & Shiva N: Hematological parameters and osmotic fragility of red blood cells in experimentally induced hyperthyroidism in rats. **Int J Endocrinol Metab**. (2010);8:74-78.
183. **Ghasemi A**, Zahediasl S*, Azizi F: Reference values for serum nitric oxide metabolites in pediatrics. **Nitric Oxide**. 2010; 23: 264-8.
184. Farahani H, **Ghasemi A**, Roghani_M, Zahediasl S*: The effect of maternal hypothyroidism on the carbohydrate metabolism and insulin secretion of isolated islets in adult offspring in male rats. **Hormone Metabolic Research**. 2010;42(11):792-7.

[Type here]

185. **Ghasemi A**, Syedmoradi L, Zahediasl S*, Azizi F: Pediatric reference values for serum magnesium levels in Iranian subjects. **The Scandinavian Journal of Clinical & Laboratory Investigation**. 2010;70(6):415-20.
186. **Ghasemi A**, Syedmoradi L, Momenan AA, Zahediasl S*, Azizi F: The influence of cigarette and qalyan (hookah) smoking on serum nitric oxide metabolite concentration. **The Scandinavian Journal of Clinical & Laboratory Investigation**. 2010;70(2):116-21.
187. Rasoulilian B*, Jafari M, Mahbod M, Dehaj ME, Nowrozi M, Wahhabaghahi H, Mofid M, **Ghasemi A**, Bigdeli MR, Khoshbaten A: Pretreatment with oxygen protects rat kidney from cisplatin nephrotoxicity. **Renal Failure**. 2010;32(2):234-42.
188. **Ghasemi A**, Zahediasl S*, Azizi F: Reference Values for Serum Magnesium Levels in Young Adult Iranian Subjects. **Biological Trace Element Research**. 2010;138(1-3):99-106.
189. Hadaegh F*, Shafiee G, **Ghasemi A**, Sarbakhsh P, Azizi F: Impact of metabolic syndrome, diabetes and prediabetes on cardiovascular events: Tehran Lipid and Glucose Study. **Diabetes Research and Clinical Practice**. 2010;87(3):342-7.
190. **Ghasemi A**, Zahediasl S*, Azizi F: Reference values for serum nitric oxide metabolites in an adult population. **Clinical Biochemistry**, 2010; 43(1-2):89-94.
191. **Ghasemi A**, Zahediasl S*, Azizi F: Nitric oxide and clustering of metabolic syndrome components in pediatrics. **European Journal of Epidemiology**, 2010;25(1):45-53.
192. **Ghasemi A**, Zahediasl S*, Seyedmoradi L, Azizi F: Low serum magnesium levels in elderly subjects with metabolic syndrome. **Biological Trace Element Research**, 2010;136(1):18-25.
193. Khaksari M, Shafiee M, **Ghasemi A**, Zahedi Asl S*: Effect of orally administered propylthiouracil in female rats, during pregnancy and lactation, on the isolated aorta contractility of their adult male offspring. **Medical Science Monitor**, 2009; 15 (4): BR 123-7.
194. Hadaegh F*, Zabetian A, Tohidi M, **Ghasemi A**, Sheikholeslami F, Azizi F: Prevalence of Metabolic Syndrome by the ATPIII, IDF and WHO Definitions and their Association to Coronary Heart Disease in Elderly Iranian population. **Ann Acad Med Singapore**, 2009; 38: 142-149.
195. Hadaegh F*, Khalili D, **Ghasemi A**, Tohidi M, Sheikholeslami F, Azizi F: Triglyceride/HDL-cholesterol ratio is an independent predictor for coronary heart disease in Iranian men population. **Nutrition Metabolism & Cardiovascular Disease**, 2009; 19: 401-408.
196. Zahedi-Asl S*, Brojeni NK, **Ghasemi A**, Faraji F, Hedayati M, Azizi F: Alterations in osmotic fragility of the red blood cells in hypo- and hyperthyroid patients. **J Endocrinol Invest**, 2009;32(1):28-32.
197. Pourabdolhossein F, **Ghasemi A***, Shahroukhi A, Sherafat MA, Khoshbaten A, Asgari A: In vitro assessment of paraoxon effects on GABA uptake in rat hippocampal synaptosomes. **Toxicology In Vitro**, 2009; 23: 868-873.
198. **Ghasemi A**, Zahedi Asl S*, Mehrabi Y, Saadat N, Azizi F: Serum nitric oxide metabolites Levels in a general healthy population: relation to sex and age. **Life Sciences**, 2008; 83: 326-331.
199. Zahedi Asl S, **Ghasemi A***, Azizi F: Serum nitric oxide metabolites in subjects with metabolic syndrome. **Clinical Biochemistry**, 2008; 41: 1342-1347.
200. Hadaegh F*, Bozorgmanesh MR, **Ghasemi A**, Harati H, Saadat N, Azizi F: High prevalence of undiagnosed diabetes and abnormal glucose tolerance in the Iranian urban population: Tehran Lipid and Glucose Study. **BMC Public Health**, 2008;8:176.
201. Mohammadi M*, Ghani E, **Ghasemi A**, Khoshbaten A, Asgari A: Synaptosomal GABA uptake decreases in paraoxon-treated rat brain. **Toxicology**. 2008; 244(1): 42-48.
202. Hadaegh F*, **Ghasemi A**, Padyab M, Tohidi M, Azizi F: The metabolic syndrome and incident diabetes: Assessment of alternative definitions of the metabolic syndrome in an Iranian urban population. **Diabetes Research and Clinical Practice**. 2008; 80(2):328-34.
203. Rasoulilian B*, Mohammadhosseniakbari M Kadkhodae M, Mofid M, Baqeri G, Bigdeli MR, **Ghasemi A**, Mohebbi HA, Asgari A, Khoshbaten A: Preconditioning with Oxygen Attenuates Rat Renal Ischemia–Reperfusion Injury. **Journal of Surgical Research**. 2008; 146(2):282-288.

[Type here]

204. **Ghasemi A***, Shafiee M, Rowghani K: Stabilizing effects of cool dialysate temperature on hemodynamic parameters in diabetic patients undergoing hemodialysis. **Saudi Journal of Kidney Disease and Transplantation**. 2008; 19(3): 378-383.
205. Hadaegh F*, Harati H, **Ghasemi A**, Tohidi M, Zabetian A, Padyab M, Azizi F: Using common clinical data improves the agreement between the new criteria of impaired fasting glucose and abnormal glucose tolerance. **Diabetes Research and Clinical Practice**. 2007; 77: 459-464.
206. **Ghasemi A***, Sadidi A, Mohammadi M, Khoshbaten A, Asgari A: Paraoxon inhibites GABA uptake in rat brain synaptosomes. **Toxicology in Vitro**. 2007; 21: 1499-1504.
207. **Ghasemi A***, Hedayati M, Biabani H: Protein precipitation methods evaluated for determination of serum nitric oxide end products by the Griess assay. **Journal of Medical Sciences Research**. 2007; 1(2): 43-46.
208. Shahroukhi A*, **Ghasemi A**, Poorabdolhossein F, Asgari A, Khoshbaten A: The effect of paraoxon on GABA uptake in rat cerebellar synaptosomes. **Medical Science Monitor**, 2007;13(9): BR194-199.
209. Zahedi Asl S*, Farahnaz S, **Ghasemi A**, Zaree B. The effect of carbon tetrachloride extract of *Trigonella foenum graecum* seeds on glycogen content of liver in streptozotocin-induced diabetic rats. **International Journal of Endocrinology and Metabolism**. 2007; 2: 70-75.
210. Najafi Mehri*, S, Khoshnevis, MA, Zarrehbinan, F Hafezi S, **Ghasemi A**, Ebadi A. Effect of Treadmill Exercise Training on VO₂ Peak in Chronic Obstructive Pulmonary Disease. **Tanaffos**, 2007; 6: 18-24.
211. Heydari A*, Norouzzadeh A, Khoshbaten A, Asgari A, **Ghasemi A**, Najafi S, Badalzadeh R: Effects of short-term and subchronic lead poisoning on nitric oxide metabolites and vascular responsiveness in rat. **Toxicology Letters**. 2006; 166: 88-94.
212. **Ghasemi A***, Sadidi A, Asgari A, Khoshbaten A: Effect of paraoxon on GABA uptake by rat cerebral cortex synaptosomes. **Iran Journal of Medical Sciences**. 2006; 31 (3): 125-130.
213. Kadkhodae M*, **Ghasemi A**: Inhibition of inducible nitric oxide synthase reduces lipopolysaccharide-induced renal injury in the rat. **Clinical and Experimental Pharmacology and Physiology**. 2004. 31(12): 842-846.

2.2. National articles

1. Bahadoran Z, Mirmiran P, Hosseinpanah F. **Ghasemi A***: Clinical Applications of Nitric Oxide in Diabetic Wound Healing. **Iranian Journal of Endocrinology and Metabolism**. Vol 25 No.1 April-May 2023.
2. Yousefzadeh N, Jeddi S, **Ghasemi A***. The effect of ovariectomy on hemodynamic functions and the level of nitric oxide metabolites in the heart of rats. **Medical Journal of Tabriz University of Medical Sciences** 2022;44(3):178-88.
3. Yousefzadeh N, Shokri M, Jeddi S, **Ghasemi A***. Effect of Long-term, Low-dose Sodium Nitrate Administration on Serum Liver Enzymes Levels in Ovariectomized Rats. **Iranian Journal of Endocrinology and Metabolism** 2021;23(4):240-9.
4. Yousefzadeh N, Jeddi S, **Ghasemi A***: Induction of euthanasia using carbon dioxide in rat: An overview of the available practical guidelines. **EBNESINA**. 2021;23(2):81-91.
5. Jeddi S, 3. Yousefzadeh N, **Ghasemi A***: Effect of Long-term Nitrate Administration on Kidney Function in Female Rats. **Iranian Journal of Endocrinology and Metabolism**. 2021;Vol 23 No.1 April-May.
6. Shokri M., Jedd, S, Faridnouri H, Ghasemi A*: Effects of Chronic Administration of Different Doses of Nitrate on Renal Function in Female Rats. **Iranian Journal of Endocrinology and Metabolism**. 2021;Vol 23 No.3 Aug-Sep.
7. Shokri M., Jedd, S, Faridnouri H, **Ghasemi A***: Effects of long-term administration of oral sodium nitrate on liver enzyme concentrations in type 2 diabetic male rats. **Iranian Journal of Endocrinology and Metabolism**. Volume 22, Issue 1, 2020, Pages 1-10
8. Yousefzadeh N, Jeddi S, **Ghasemi A***: Effect of Severe Hyperthyroidism on Concentrations of Nitric Oxide-producing Enzymes in Liver of Male Rats. **Iranian Journal of Endocrinology and Metabolism**. Volume 21, Issue 5, 2020, Pages 273-280.

[Type here]

9. Jeddi S, Gholami H, [Ghasemi A*](#): Effect of Thyrotoxicosis on Gene Expression of Hydrogen Sulfide-producing enzymes in Epididymal Adipose Tissue of Male Rats. **Iranian Journal of Endocrinology and Metabolism**. Volume 21, Issue 2, June-July 2019, Pages 92-101.
10. Ghanbari M, Jeddi S, Norouzirad R, [Ghasemi A*](#): Effect of Transient Congenital Hypothyroidism on Oxidative Stress in Cardiac Tissue of Adult Male Rats. **Iranian Journal of Endocrinology and Metabolism**. Volume 21, Issue 1, 2019, Pages 1-8.
11. Afzali H, Norouzirad R, Khaksari M, [Ghasemi A*](#): The Role of Nitric Oxide Donors in Wound Healing in Diabetes Mellitus. **Iranian Journal of Endocrinology and Metabolism**. Volume 21, Issue 1, 2019, Pages 46-57.
12. Jeddi S, Bakhtiarzadeh F, Gheibi S, [Ghasemi A*](#): Effects of Long-Term, High Doses of Nitrate Administration on Adiposity Index in Female Rats. **Iranian Journal of Endocrinology and Metabolism**. December-January 2019: Vol 20 No.5.
13. Khorasany, V, Yaghmeai, P, Tohidi, M, Gheibi, S, Varzandi, T, [Ghasemi, A*](#): Effects of oral sodium nitrate administration on cell blood count in obese type 2 diabetic male rats. **Iranian Journal of Endocrinology and Metabolism**. Volume 19, Issue 5, 2018, Pages 340-348.
14. Varzandi T, Jeddi S, Haeri Rohani SA, [Ghasemi A*](#): The Importance of Nitrate-nitrite-nitric Oxide Pathway on Browning of White-Adipose Tissue in Diabetes and Obesity: A Review. **Iranian Journal of Endocrinology and Metabolism**. Vol 19 No.4 Oct-Nov 2017.
15. Gheibi S, Bakhtiarzadeh F, [Ghasemi A*](#): A Review of High Fat Diet-Streptozotocin Model for Induction of Type 2 Diabetes in Rat. **Iranian Journal of Endocrinology and Metabolism**. Volume 18, Issue 2, 2016, Pages 143-157
16. Ghanbari M, Bagheripour F, Afghan M, Jeddi S, [Ghasemi A](#): Reduction of maximum exercise capacity in adult male rats with fetal Hypothyroidism. **Iranian Journal of Physiology and Pharmacology**. (2015); 1, 36-42.
17. Jeddi S, Zaman J, Nezami-Asl A & [Ghasemi A](#): The effect of sleep deprivation on cardiac function and tolerance to ischemia-reperfusion injury in male rats. **Ebnesina - IRIAF Health Administration**. (2015); 17, 26-32.
18. Jedd, S., Khalifi S., Zaman J., Ghanbari M. & [Ghasemi A](#): Effect of Oral Nitrate Administration on Myocardial Injury in Type 2 Diabetic Rats. **Iranian Journal of Endocrinology and Metabolism**. (2015); 17, 129-137.
19. Jeddi S, [Ghasemi A](#). & Zahediasl S: A Review of Models of Hypothyroidism in the Rat: Comparison of the Thyroid Function in Rats and Humans. **Iranian Journal of Endocrinology and Metabolism**. (2014); 16, 47-56.
20. Zaman J, Jeddi, S, Zahediasl S. & [Ghasemi A](#): A REVIEW OF HYPERTHYROIDISM MODELS IN MOUSE AND RAT. **Iranian Journal of Endocrinology and Metabolism**. (2014); 16
21. Ahmadi R., Nahavandi S, [Ghasemi A](#) & Seif A: The Effects of Iranian Shisheh (Containing Methamphetamine) on Serum Levels of ACTH, Cortisol and Aldosterone in Male Rats. **J Babol Univ Med Sci**. (2014);16.
22. Ahmadi R., Amini N., [Ghasemi A](#). & Seif, A: THE EFFECTS OF SHISHEH ON THE HORMONAL AXIS HYPOTHALAMUS-PITUITARY-THYROID FUNCTION IN ADULT MALE WISTAR RATS. **Armaghane-danesh, Yasuj University of Original Article Medical Sciences Journal**. (2014);19, 685-693.
23. Mehrazin F., Shiravi A., Zahediasl S & [Ghasemi A](#): The Effect of Fetal Hypothyroidism on the Serum and Tissue Levels of Nitric Oxide Metabolites in Adult Male Hypothyroid Progeny. **Iranian Journal of Endocrinology and Metabolism**. (2013) 14, 524-530.
24. Otadi K, Hadian MR, Olyaei GR, Rasoulia B, Emamdoost S, Barikani E, Torbatian E & [Ghasemi A](#) : The effect of modified constraint induced movement therapy on quality and amount of upper limb movements in chronic hemiplegic patients in comparison with traditional rehabilitation. **J Mod Rehabil**. (2012) 6, 12-160.

[Type here]

25. Saidpour A, Kimiagar M, Zahediasl S, Vafa MR, [Ghasemi A](#), Abadi A, Daneshpour M & Zarkes M: Effects of high-fat diets based on butter or soybean, olive or fish oil on insulin resistance and plasma desacyl-ghrelin in rats. **Iranian Journal of Nutrition Sciences & Food Technology**. (2011); 6, 39-48.
26. Mohammadi M, Ghani E, [Ghasemi A](#), Khoushbaten A & Asgari A: Determination of the inhibition and recovery of the plasma, cerebral cortex and hippocampus acetylcholinesterase activity in male paraoxon-treated rats. **J Babol Univ Med Sci**. (2010);12.
27. Mohammadi M, [Ghasemi A](#), Ghani E., Khoshbaten A & Asgari A: Effect of paraoxon on the synaptosomal GABA uptake in rat hippocampus and cerebral cortex. **Physiology and Pharmacology**. (2009); 13, 130-138.
28. [Ghasemi A](#), Kadkhodae M, Gharibzadeh Sh, Shams S, Gol A, Makki N. Changes of plasma and renal vitamin E levels in LPS-treated rats. **Kowsar Medical journal**. 2003; 8(1): 33-38
29. Pirmoradi L, Kadkhodae M, Shams S, [Ghasemi A](#), Makki N. The effects of ascorbic acid and l-NIL coadministration on LPS- induced oxidative stress in rat kidney. **Journal of the Faculty of Medicine, Tehran University of medical Sciences**. 2004; 62(5): 394-404
30. Asgari A, Mehrani H, Ghanei M, [Ghasemi A](#), Rezaee R, Miri R. Blood and saliva lactate levels change in the chemically injured and healthy individuals in response to incremental exercise. **Journal of the Military medicine**. 2004; 6(2): 111-115
31. [Ghasemi A](#), Asgari A, Rastegar-farajzadeh A, Rouzbehani AR. Comparison between Iranian and German NBC clothing on some Physiological parameters of human body. **Journal of Military Medicine**. 2005; 7(1): 1-8
32. [Ghasemi A](#), Ghanei M, Asgari A, Mehrani HA. Measurement of maximum oxygen uptake and maximum heart rate in chemically injured individuals and comparison with predicted values. **Kowsar Medical Journal**. 2005; 10 (3): 201-206.
33. [Ghasemi A](#), Hedayati M, Khoshbaten A. Evaluation of a simple and rapid method for serum nitric oxide determination using microplate. **Iranian Journal of Endocrinology and metabolism**. 2005; 7(supplement): 433-439.
34. Zahedi Asl S, Saharnaz F, [Ghasemi A](#), Zaree B. effect of carbon tetrachloride extract of Trigonella foenum graecum seeds on the glycogen content of liver in diabetic rats. **Journal of the Medicinal Plants**. 2006; 5 (supp 2): 9-16.
35. Heydari A, Norouzzadeh A, Asgari AR, [Ghasemi A](#), Najafi S, Khoshbaten A. Effects of short term and subchronic lead poisoning on nitric oxide metabolites and vascular responsiveness in rat. **Kowsar Medical Journal**. 2006; 11 (1): 59-68.
36. Zahedi Asl S, [Ghasemi A](#), Faraji F, Valaee F. The effect of physical and psychological stress on responsiveness of isolated rat aorta. **Iranian Journal of Endocrinology and Metabolism**. 2007; 8(4): 393-398.
37. Zahedi Asl S, Khalili N, [Ghasemi A](#), Faraji F, Hedayati M, Azizi F. Osmotic fragility of red blood cells of hypothyroid, hyperthyroid patients and control subjects. **Iranian Journal of Endocrinology and Metabolism**. 2007; 8 (4): 365-373.
38. Hadaegh F, Harati H, [Ghasemi A](#), Tohidi M, Zabetian A, Padyab M, Azizi F. Using common clinical data improves the agreement between the new criteria of impaired fasting glucose and abnormal glucose tolerance. **Iranian Journal of Diabetes and Lipid Disorders**. 2007; 6 (1): 81-90.
39. Shahroukhi A, [Ghasemi A](#), Pourabdolhossein F, Khoshbaten A, Asgari A. The inhibitory Effect of Paraoxon on cerebellar synaptosome GABA uptake in rats. **The Journal of Physiology and Pharmacology**. 2006; 10: 229-238.
40. [Ghasemi A](#), Shafiee M, Rowghani K, Najafi Mehri S, Padyab M. Effects of cool dialysate temperature on stabilizing hemodynamic parameters in diabetic patients undergoing hemodialysis. **Iranian Journal of Endocrinology and Metabolism**. 2007; 9: 261-266.
41. Najafi Mehri S, Najafi Kalyani M, [Ghasemi A](#), Eebadi A, Tayebi A, HAfezi S. The Comparison of Milad NBC Protective Clothing without Mask and Military Work Clothes on Maximal Oxygen Consumption (Vo2max). **Kowsar Medical Journal**, 2006; 11, (4): 367-372.

[Type here]

42. Habibi G, [Ghasemi A](#), Pashaiee Rad S, Faraji F, Zahedi Asl S. Hematology and Osmotic fragility of red blood cells in hyperthyroid rats. **Iranian Journal of Endocrinology and Metabolism**. 2008;9(3):307-316.
43. [Ghasemi A](#), Hedayati M, Biabani H, Khoshbaten A, Asgari A. Deproteinization methods comparison for serum nitric oxide assay by Greiss reaction. **Pejouhesh Dar Pezeshki**. 2007; 31: 33-37.
44. Faraji F, [Ghasemi A](#), Khosravi M, Motamedi F, Zahedi Asl S. Inhibitory effect of GABA on glucose-stimulated insulin secretion from isolated islets of Langerhans in rat. **Iranian Journal of Endocrinology and Metabolism**, 2008; 10 (1): 59-66.
45. [Ghasemi A](#). Letter to the Editor. **The Journal of Qazvin University of Medical Sciences**. 2006;10(3):108.
46. Zahedi Asl S, Shafiee, M, Khaksari M, [Ghasemi A](#). Effect of oral administration of propylthiouracil during pregnancy and lactation in female rats on isolated aorta response in their adult male off springs. **Pejouhesh dar pezeshki**. 2007; 30: 297-304.
47. Noursadeghi E, [Ghasemi A](#), Hedayati M, Azarnia M, Faraji F, Zahedi Asl S. The Effects of Orally Administrated Magnesium on Isolated Aorta Contractility in Streptozotcin Induced Diabetic Rats. **Iranian Journal of Endocrinology and Metabolism**. 2007; 9: 407-413.
48. [Ghasemi A](#), Sadidi A, Mohammadi M, Khoshbaten A, Asgari A. Mechanism of paraoxon effect on [³H] GABA uptake inhibition in brain synaptosomes of rat. **Pejouhandeh**, 2008;12(60): 527-534.
49. [Ghasemi A](#), Zahedi Asl S, Mehrabi Y, Saadat N, Azizi F. Serum nitric oxide metabolite levels in general healthy population: relation to sex and age. **The Journal of Qazvin University of Medical Sciences**, 2008; 12(1): 8-15.
50. Noursadeghi E, [Ghasemi A](#), Hedayati M, Azarnia M, Faraji F, Zahedi Asl S. The Effects of Orally Administrated Magnesium on Denuded Aorta Contractility in Streptozotocin Induced Diabetic Rats. **Iranian Journal of Endocrinology and Metabolism**, 2007; 9(3): 299-305.
51. [Ghasemi A](#), Faraji F, Valaee F, Sedaghat K, Zahedi Asl S. Reversibility of physical and psychological stress effects on contractility of isolated aorta and serum corticosteron levels one month after stress in rat. **Iranian Journal of Endocrinology and Metabolism**, 2008;9(4):415-422.
52. [Ghasemi A](#), Said Moradi L. Letter to editor. **Iranian Journal of Endocrinology and Metabolism**, 2007;9(3):325.
53. [Ghasemi A](#), Farahani H, Zahedi Asl S. Evaluation of plasma concentration changes of nitric oxide metabolites during glucose tolerance test in type II diabetic rats. **The Journal of Physiology and Pharmacology**, 2008;12: 201-208.
54. Zahedi Asl S, Farahani H, [Ghasemi A](#), Faraji F. The effect of maternal hypothyroidism during pregnancy on carbohydrate metabolism during adulthood in rats. **The Journal of Physiology and Pharmacology** 2009;12:261-267.
55. [Ghasemi A](#), Siadmoradi L, Momenan AA, Zahediasl S. Association between tobacco smoke and serum nitric oxide metabolites concentration. **The Journal of Physiology and Pharmacology** 2009;12:336-341.
56. Magnesium deficiency and role of oral magnesium administration on plasma glucose and insulin levels in diabetic rats. **Iranian Journal of Diabetes and Lipid Disorders**, 2008; 7(4):355-361.
57. Mehrazin F, [Ghasemi A](#), Shiravi A, Zahediasl S: Effect of L-arginine on serum and tissue levels of nitric oxide metabolites in offsprings of rats with gestational hypothyroidism . **Research in Medicine**. 2013; 37 (2) :73-97
58. Khalili D, Hadaegh F, Tohidi M, [Ghasemi A](#), Sheikholeslami F, Azizi F: Triglyceride/HDL-Cholesterol Ratio (TG/HDL-C) Beside the Total Cholesterol is a Predictor for Coronary Heart Disease in an Iranian Men Population. **Iranian Journal of Epidemiology** 2009, 4(3 and 4): 77-86

Chapters, Books:(List of chapters or published books according to Vancouver style, from past to present)

1. Books

1. Questions of Physiology, Ph.D. course-with detailed answers. [Persian] authors: [Ghasemi A](#), Rastegar Farajzadeh A, 2002, Poursina publisher. ISBN: 964567072-1.
2. Questions of Physiology, Ph.D. course-with detailed answers. [Persian] authors: [Ghasemi A](#), Najafi Mehri S, 2004, Noora Publisher. ISBN: 964-92752-8-2.

[Type here]

3. A simple guide to SPSS for windows, Translation by: [Ghasemi A](#), 2007, Teymoorzadeh Publisher. ISBN: 978-964-420-378-7.
 4. Four choice questions of Physiology with detailed answers, M.Sc. course. [Ghasemi A](#), Mohammadi M, Abdolhosseini M. 2007, Farhang Publisher. ISBN: 978-964-155-020-4.
 5. Pocket companion to Guyton & Hall Textbook of medical Physiology. 14th edition. Translation by: [Ghasemi A](#), Mohammadi M. 2021, Etminanrad Publisher. ISBN: 978-622-256-095-9.
 6. 500 questions of Physiology M.Sc. and Ph.D. courses of nutrition field with detailed answers. [Ghasemi A](#), Nourabadi D. Khosravi Publisher. 2009, ISBN: 978-600-5523-26-3.
 7. Medical Physiology, for exam. [Ghasemi A](#), Mohammadi M. 2009, Khosravi Publisher. ISBN: 978-600-5523-22-5.
 8. Questions of Physiology, B.Sc. Course with detailed answers. [Ghasemi A](#), Abdolhosseini M. 2010, Farhang Publisher. ISBN: 978-964-155-153-9.
 9. Iran Questions Bank (IQB), Physiology. [Ghasemi A](#), Shafiee M. 2010, Beh Andishan Publisher. ISBN: 978-600-5677-13-3.
 10. Cell physiology. [Ghasemi A](#), Naderi A, Zahed R. Dr. Khalili Publisher. ISBN: 978-600-92008-1-8.
 11. Guyton & Hall Textbook of Medical Physiology, [Ghasemi A](#), Mohammadi M. 2021, Etminanrad Publisher. ISBN: 978-622-256-071-3
 12. Questions of Physiology for clinical biochemistry Ph.D. course. [Ghasemi A](#), 2012, Dr. Khalili Publisher. ISBN: 978-600-6223-24-7.
 13. Essentials of medical physiology, [Ghasemi A](#), Shoja Gharehbagh S. 2017, Khalili Publisher. ISBN: 978-600-7888-96-4.
 14. THE ROLE OF NITRIC OXIDE IN TYPE 2 DIABETES, [Ghasemi A](#), Kashfi Kh, Bahadoran Z, 2022, Bentham Sciences, ISBN: 978-981-5079-81-4.
2. Chapter in Books
- 1- Bahadoran Z, Mirmiran P, [Ghasemi A](#): Monosodium Glutamate (MSG)-Induced Animal Model of Type 2 Diabetes in Methods in Molecular Biology. Editor Paul C. Guest. Humana Press. 2019; P: 49-65.
 - 2- Bahadoran Z, Mirmiran P, [Ghasemi A](#): Hydrogen Sulfide and Carbohydrate Metabolism. , Frontiers in Clinical Drug Research-Diabetes and Obesity. Editor Atta-Ur-Rahman. Bentham Science Publishers; P: 226-258.
 - 3- Bahadoran Z, Mirmiran P, [Ghasemi A](#): Beneficial Effects of Inorganic Nitrate/Nitrite on Vascular Function and Blood Pressure in Diabetes in Mechanisms of Vascular Defects in Diabetes Mellitus. Editors: C.C. Kartha, Radhakrishna M. Pillai, Surya Ramachandran. Springer. 2017. P: 515-534.
 - 4- Bahadoran Z, Mirmiran P, Kashfi Kh, [Ghasemi A](#): Nitric oxide resistance in type 2 diabetes: Potential implications of HNO donors in NITRIC OXIDE IN HEALTH AND DISEASE Therapeutic Applications in Cancer and Inflammatory Disorders. Editors LUCIA MORBIDELLI, BENJAMIN BONAVIDA, JORDI MUNTANE. Academic Press. 2023.P: 231-246.

Invited Editorials, Commentaries, Reports and Case Studies:(List of journals you took part as invited editor, commentator, list of reports and case studies according to Vancouver style, from past to present)