

CURRICULUM VITAE

Date of Revision: Apr 17 2024

Name: Sajad Jeddi

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

EDUCATION			
B.Sc.	2004-2008	Biology	Faculty of Natural Science, Tabriz University, Tabriz-Iran
M.Sc	2008-2010	Medical Physiology	Tabriz University of Medical Sciences, Tabriz-Iran. Title of MSc thesis: "Effect of Hemado on myocardial ischemia-reperfusion injury in rat",
Ph.D	2010-2015	Molecular medicine	Shahid Beheshti University of Medical Sciences. Title of PhD thesis: "Effect of ischemic post conditioning on myocardial ischemia-reperfusion injury and its underlying cellular-molecular mechanisms in experimental hypothyroid male rat".

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

1. Assistant professor of Molecular medicine in Research Institute for Endocrine Sciences, from 2015.

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

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

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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)

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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

PROFESSIONAL SERVICE

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

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

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

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

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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. 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.
12. 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.
13. 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.
14. 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.
15. 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.

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16. 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>.
17. 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.
18. 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.
19. 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.
20. **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.
21. 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.
22. 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.
23. **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.
24. 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.
25. **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
26. **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.
27. **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.
28. 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.
29. 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.
30. 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.
31. 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.

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32. **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*. 2021Nov 8. doi: 10.2174/1871530320666201109113903.
33. 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.
34. Yousefzadeh N, **Jeddi S**, Kashfi Kh, Ghasemi A*: Diabetoprosis: Role of nitric oxide. *EXCLI J* . 2021 Apr 16;20:764-780. doi: 10.17179/excli2021-3541.
35. 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.
36. 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
37. 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.
38. **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.
39. **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
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. 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
47. **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.
48. 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.

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49. 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.
50. 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.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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
56. 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.
57. 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.
58. 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.
59. **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.
60. Gholami H, **Jeddi S**, Zadeh-Vakili Z, Farrokhfall 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.
61. 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.
62. 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.
63. 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.
64. **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
65. Bahadorana Z, Mirmirana P, Jeddi 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
66. **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.

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67. **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
68. 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
69. **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
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72. **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.
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74. **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.
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2.2. National articles

1. 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.
2. 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.
3. 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.
4. **Jeddi S**, 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.
5. Shokri M., **Jeddi, 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.
6. Shokri M., **Jeddi, 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
7. 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.
8. **Jeddi S**, Gholami H, Ghasemi A*: Effect of Thyrotoxicosis on Gene Expression of Hydrogen Sulfide-producing nzymes in Epididymal Adipose Tissue of Male Rats. *Iranian Journal of Endocrinology and Metabolism.* Volume 21, Issue 2, June-July 2019, Pages 92-101.
9. 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.

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10. **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.
 11. 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.
 12. Ghanbari M, Bagheripuor 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.
 13. **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.
 14. **Jeddi 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.
 15. **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.
 16. 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
- 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. Ghasemi A, **Jeddi S**. 2014, Nedaye Iran. Publisher. ISBN: 978-600-6223-60-5.

2. Chapter in Books

- 1- 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)