

Curriculum Vitae, Sajad Jeddi, Ph.D. (Molecular Medicine)

PERSONAL INFORMATION

Name: Sajad

Surname: Jeddi

Nationality: Iranian

Birth: 1983 Tabriz, Iran

Marriage status: Married

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Education/thesis

- 2010-2015 PhD student in molecular medicine at 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".
- 2008-2010 MSc degree in Medical Physiology; Tabriz University of Medical Sciences, Tabriz-Iran.
Title of MSc thesis: "Effect of Hemado on myocardial ischemia-reperfusion injury in rat",
- 2004-2008 B.Sc. in biology; Faculty of Natural Science, Tabriz University, Tabriz-Iran

Publication

1. Yousefzadeh, N.; S. Jeddi, and A. Ghasemi, Impaired Cardiovascular Function in Male Rats with Hypo- and Hyperthyroidism: Involvement of Imbalanced Nitric Oxide Synthase Levels. *Endocrine, Metabolic & Immune Disorders-Drug Targets (Formerly Current Drug Targets-Immune, Endocrine & Metabolic Disorders)*. **2021**, 21(3), 526-533.
2. Jeddi, S.; N. Yousefzadeh; H. Afzali, and A. Ghasemi, Long-term nitrate administration increases expression of browning genes in epididymal adipose tissue of male type 2 diabetic rats. *Gene*. **2021**, 766, 145155.
3. Jeddi, S.; S. Gheibi; M. Carlström; K. Kashfi, and A. Ghasemi, 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 Sciences*. **2021**, 265, 118770.
4. Bahadoran, Z.; R. Norouzirad; P. Mirmiran; Z. Gaeini; S. Jeddi; M. Shokri, et al., 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*. **2021**, 107, 58-65.

5. Karimi-Sales, E.; S. Jeddi; A. Ebrahimi-Kalan, and M. Reza, Protective role of trans-chalcone against the progression from simple steatosis to non-alcoholic steatohepatitis: Regulation of miR-122, 21, 34a, and. *Advanced Pharmaceutical Bulletin*. **2021**.
6. Afzali, H.; M. Khaksari; S. Jeddi; K. Kashfi; M.-A. Abdollahifar, and A. Ghasemi, Acidified Nitrite Accelerates Wound Healing in Type 2 Diabetic Male Rats: A Histological and Stereological Evaluation. *Molecules*. **2021**, 26(7), 1872.
7. Yousefzadeh, N.; S. Jeddi; K. Kashfi, and A. Ghasemi, Diabetoporosis: Role of nitric oxide. *EXCLI Journal*. **2021**, 20, 764-780.
8. Ghasemi, A.; H. Afzali, and S. Jeddi, 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**.
9. Yousefzadeh, N.; K. Kashfi; S. Jeddi, and A. Ghasemi, Ovariectomized rat model of osteoporosis: A practical guide. *EXCLI journal*. **2020**, 19, 89.
10. Ghanbari, M.; R. Norouzirad; F. Bagheripour; S. Jeddi, and A. Ghasemi, 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*. **2020**, 1-9.
11. Jeddi, S.; S. Gheibi; K. Kashfi; M. Carlström, and A. Ghasemi, Dose-Dependent Effects of Long-Term Administration of Hydrogen Sulfide on Myocardial Ischemia-Reperfusion Injury in Male Wistar Rats: Modulation of RKIP, NF- κ B, and Oxidative Stress. *International journal of molecular sciences*. **2020**, 21(4), 1415.
12. Karimi-Sales, E.; S. Jeddi, and M.R. Alipour, trans-Chalcone inhibits transforming growth factor- β 1 and connective tissue growth factor-dependent collagen expression in the heart of high-fat diet-fed rats. *Archives of physiology and biochemistry*. **2020**, 1-4.
13. Jeddi, S.; S. Gheibi; K. Kashfi; M. Carlström, and A. Ghasemi, Protective effect of intermediate doses of hydrogen sulfide against myocardial ischemia-reperfusion injury in obese type 2 diabetic rats. *Life Sciences*. **2020**, 256, 117855.
14. Yousefzadeh, N.; S. Jeddi, and A. Ghasemi, Effect of Severe Hyperthyroidism on Concentrations of Nitric Oxide-producing Enzymes in Liver of Male Rats. *Iranian Journal of Endocrinology and Metabolism*. **2020**, 21(5), 273-280.
15. Bahadoran, Z.; S. Jeddi; S. Gheibi; P. Mirmiran; K. Kashfi, and A. Ghasemi, Inorganic nitrate, a natural anti-obesity agent: A systematic review and meta-analysis of animal studies. *EXCLI journal*. **2020**, 19, 972.
16. Afzali, H.; M. Khaksari; R. Norouzirad; S. Jeddi; K. Kashfi, and A. Ghasemi, Acidified nitrite improves wound healing in type 2 diabetic rats: Role of oxidative stress and inflammation. *Nitric Oxide*. **2020**, 103, 20-28.
17. Mohammadi, F.; K.A. Kohlmeier; S. Jeddi; M. Ahmadi-Zeidabadi, and M. Shabani, Affective dimensions of pain and region-specific involvement of nitric oxide in the development of empathic hyperalgesia. *Scientific Reports*. **2020**, 10(1), 1-12.
18. Bahadoran, Z.; P. Mirmiran; M. Carlström; R. Norouzirad; S. Jeddi; F. Azizi, et al., Different Pharmacokinetic Response to an Acute Dose of Inorganic Nitrate in Patients with Type 2 Diabetes. *Endocrine, metabolic & immune disorders drug targets*. **2020**.
19. Alipour, M.R.; S. Jeddi, and E. Karimi-Sales, trans-Chalcone inhibits high-fat diet-induced disturbances in FXR/SREBP-1c/FAS and FXR/Smad-3 pathways in the kidney of rats. *Journal of Food Biochemistry*. **2020**, 44(11), e13476.

20. Jeddi, S.; S. Khalifi; M. Ghanbari, and A. Ghasemi, Effect of Fetal and Neonatal Hypothyroidism on Glucose Tolerance in Middle-Aged Female Rats. *Endocrine, Metabolic & Immune Disorders Drug Targets*. **2020**.
21. Gheibi, S.; S. Jeddi; K. Kashfi, and A. Ghasemi, Effects of hydrogen sulfide on carbohydrate metabolism in obese type 2 diabetic rats. *Molecules*. **2019**, 24(1), 190.
22. Ghasemi, A.; S. Gheibi; S. Jeddi, and H. Gholami, *Effects of Long-Term Nitrite Supplementation on Gene Expressions of GLUT2, GLUT4, and Glucokinase in Male Obese Type 2 Diabetic Rats*, in *Therapeutic Application of Nitric Oxide in Cancer and Inflammatory Disorders*. 2019, Academic Press. p. 323-324.
23. Khorasani, V.; S. Jeddi; P. Yaghmaei; M. Tohidi, and A. Ghasemi, Effect of long-term sodium nitrate administration on diabetes-induced anemia and glucose homeostasis in obese type 2 diabetic male rats. *Nitric oxide*. **2019**, 86, 21-30.
24. Bahadoran, Z.; P. Mirmiran; S. Jeddi; M. Carlström; F. Azizi, and A. Ghasemi, Circulating markers of nitric oxide homeostasis and cardiometabolic diseases: insights from population-based studies. *Free radical research*. **2019**, 53(4), 359-376.
25. Rahmani, M.; S. Jeddi; M. Ghanbari; A.A. Momenan; F. Azizi, and A. Ghasemi, Reference values for serum lipid profiles in Iranian adults: Tehran lipid and glucose study. *Archives of Iranian medicine*. **2019**, 22(1), 24-31.
26. Jeddi, S.; H. Gholami; S. Gheibi; K. Kashfi, and A. Ghasemi, Altered gene expression of hydrogen sulfide-producing enzymes in the liver and muscles tissues of hyperthyroid rats. *Journal of cellular physiology*. **2019**, 234(10), 17937-17945.
27. Kashfi, K.; S. Gheibi; S. Jeddi, and A. Ghasemi, Effects of hydrogen sulfide on carbohydrate metabolism and blood pressure in obese type-2 diabetic rats. *The FASEB Journal*. **2019**, 33(S1), 514.4-514.4.
28. Norouzirad, R.; H. Gholami; M. Ghanbari; M. Hedayati; P. González-Muniesa; S. Jeddi, et al., Dietary inorganic nitrate attenuates hyperoxia-induced oxidative stress in obese type 2 diabetic male rats. *Life sciences*. **2019**, 230, 188-196.
29. Ghanbari, M.; S. Jeddi; R. Norouzirad, and A. Ghasemi, Effect of Transient Congenital Hypothyroidism on Oxidative Stress in Cardiac Tissue of Adult Male Rats. *Iranian Journal of Endocrinology and Metabolism*. **2019**, 21(1), 1-8.
30. Gheibi, S.; S. Jeddi; M. Carlström; K. Kashfi, and A. Ghasemi, Hydrogen sulfide potentiates the favorable metabolic effects of inorganic nitrite in type 2 diabetic rats. *Nitric Oxide*. **2019**, 92, 60-72.
31. Gheibi, S.; A. Mahmoodzadeh; K. Kashfi; S. Jeddi, and A. Ghasemi, Data extraction from graphs using Adobe Photoshop: applications for meta-analyses. *International journal of endocrinology and metabolism*. **2019**, 17(4).
32. Jeddi, S.; H. Gholami, and A. Ghasemi, Effect of Thyrotoxicosis on Gene Expression of Hydrogen Sulfide-producing Enzymes in Epididymal Adipose Tissue of Male Rats. **2019**.
33. Jeddi, S.; A. Ghasemi; A. Asgari, and A. Nezami-Asl, Role of inducible nitric oxide synthase in myocardial ischemia-reperfusion injury in sleep-deprived rats. *Sleep and Breathing*. **2018**, 22(2), 353-359.
34. Gheibi, S.; S. Jeddi; K. Kashfi, and A. Ghasemi, Regulation of vascular tone homeostasis by NO and H₂S: Implications in hypertension. *Biochemical pharmacology*. **2018**, 149, 42-59.

35. Gheibi, S.; S. Jeddi; M. Carlström; H. Gholami, and A. Ghasemi, 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**, 75, 27-41.
36. Karimi-Sales, E.; S. Jeddi; A. Ebrahimi-Kalan, and M.R. Alipour, Trans-chalcone enhances insulin sensitivity through the miR-34a/SIRT1 pathway. *Iranian journal of basic medical sciences*. **2018**, 21(4), 359.
37. Karimi-Sales, E.; S. Jeddi; A. Ghaffari-Nasab; M. Salimi, and M.R. Alipour, Effect of trans-chalcone on hepatic IL-8 through the regulation of miR-451 in male rats. *Endocrine regulations*. **2018**, 52(1), 1-5.
38. Varzandi, T.; M.A. Abdollahifar; S.A.H. Rohani; A. Piryaee; A. Zadeh-Vakili; S. Jeddi, et al., Effect of long-term nitrite administration on browning of white adipose tissue in type 2 diabetic rats: a stereological study. *Life sciences*. **2018**, 207, 219-226.
39. Karimi-Sales, E.; S. Jeddi; A. Ebrahimi-Kalan, and M.R. Alipour, trans-Chalcone prevents insulin resistance and hepatic inflammation and also promotes hepatic cholesterol efflux in high-fat diet-fed rats: modulation of miR-34a-, miR-451-, and miR-33a-related pathways. *Food & function*. **2018**, 9(8), 4292-4298.
40. Bakhtiarzadeh, F.; F. Siavoshi; S. Gheibi; K. Kashfi; R. Samadi; S. Jeddi, et al., Effects of long-term oral nitrate administration on adiposity in normal adult female rats. *Life sciences*. **2018**, 210, 76-85.
41. Bahadoran, Z.; P. Mirmiran; S. Jeddi; A.A. Momenan; F. Azizi, and A. Ghasemi, The nitrate-nitrite-nitric oxide pathway: Findings from 20 years of the Tehran Lipid and Glucose Study. *International journal of endocrinology and metabolism*. **2018**, 16(4 Suppl).
42. Bahadoran, Z.; S. Jeddi; P. Mirmiran, and A. Ghasemi, The principles of biomedical scientific writing: Introduction. *International journal of endocrinology and metabolism*. **2018**, 16(4).
43. Bahadoran, Z.; P. Mirmiran; R. Nourozirad; S. Jeddi; A. Rajab; F. Azizi, et al., 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**, 3(1), 31-45.
44. Gheibi, S.; F. Bakhtiarzadeh; S. Jeddi; K. Farrokhfall; H. Zardooz, and A. Ghasemi, Nitrite increases glucose-stimulated insulin secretion and islet insulin content in obese type 2 diabetic male rats. *Nitric Oxide*. **2017**, 64, 39-51.
45. Mirmiran, P.; Z. Bahadoran; A. Ghasemi; S. Jeddi, and F. Azizi, High-sulforaphane broccoli sprout powder reduces serum nitric oxide metabolites in Helicobacter pylori infected patients. *Journal of Functional Foods*. **2017**, 34, 356-358.
46. Yousefzadeh, N.; S. Jeddi; R. Ghiasi, and M.R. Alipour, Effect of fetal hypothyroidism on MyomiR network and its target gene expression profiles in heart of offspring rats. *Molecular and cellular biochemistry*. **2017**, 436(1), 179-187.
47. Ghasemi, A. and S. Jeddi, Anti-obesity and anti-diabetic effects of nitrate and nitrite. *Nitric oxide*. **2017**, 70, 9-24.
48. Gholami, H.; S. Jeddi; A. Zadeh-Vakili; K. Farrokhfall; F. Rouhollah; M. Zarkesh, et al., Transient congenital hypothyroidism alters gene expression of glucose transporters and impairs glucose sensing apparatus in young and aged offspring rats. *Cellular physiology and biochemistry*. **2017**, 43(6), 2338-2352.
49. Varzandi, T.; S. Jeddi; S.A. Haeri Rohani, and A. Ghasemi, 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*. **2017**, 19(4), 290-304.

50. Ghanbari, M.; F. Bagheripour; M. Afghan; S. Jeddi, and A. Ghasemi, Reduction of maximum exercise capacity in adult male rats with fetal hypothyroidism. *Iranian Journal of Physiology and Pharmacology*. **2017**, 1(1), 45-38.
51. Jeddi, S.; A.N. Asl; A. Asgari, and A. Ghasemi, The effect of sleep deprivation on cardiac function and tolerance to ischemia-reperfusion injury in male rats. *Arquivos brasileiros de cardiologia*. **2016**, 106(1), 41-48.
52. Jeddi, S.; J. Zaman; A. Zadeh-Vakili; M. Zarkesh, and A. Ghasemi, Involvement of inducible nitric oxide synthase in the loss of cardioprotection by ischemic postconditioning in hypothyroid rats. *Gene*. **2016**, 580(2), 169-176.
53. Hadaegh, F.; S. Asgari; M. Bozorgmanesh; S. Jeddi; F. Azizi, and A. Ghasemi, Added value of total serum nitrate/nitrite for prediction of cardiovascular disease in middle east caucasian residents in Tehran. *Nitric Oxide*. **2016**, 54, 60-66.
54. Jeddi, S.; J. Zaman, and A. Ghasemi, Effect of fetal hypothyroidism on tolerance to ischemia–reperfusion injury in aged male rats: Role of nitric oxide. *Nitric Oxide*. **2016**, 55, 82-90.
55. Bahadoran, Z.; P. Mirmiran; S. Jeddi; F. Azizi; A. Ghasemi, and F. Hadaegh, Nitrate and nitrite content of vegetables, fruits, grains, legumes, dairy products, meats and processed meats. *Journal of Food Composition and Analysis*. **2016**, 51, 93-105.
56. Yousefzadeh, N.; S. Jeddi, and M.R. Alipour, Effect of fetal hypothyroidism on cardiac myosin heavy chain expression in male rats. *Arquivos brasileiros de cardiologia*. **2016**, 107(2), 147-153.
57. Jeddi, S.; S. Khalifi; M. Ghanbari; F. Bageripour, and A. Ghasemi, Effects of nitrate intake on myocardial ischemia-reperfusion injury in diabetic rats. *Arquivos brasileiros de cardiologia*. **2016**, 107(4), 339-347.
58. Khalifi, S.; A. Rahimipour; S. Jeddi; M. Ghanbari; F. Kazerouni, and A. Ghasemi, Dietary nitrate improves glucose tolerance and lipid profile in an animal model of hyperglycemia. *Nitric oxide*. **2015**, 44, 24-30.
59. Jeddi, S.; L. Syedmoradi; F. Bagheripour, and A. Ghasemi, The effects of vitamin D on insulin release from isolated islets of rats. *International journal of endocrinology and metabolism*. **2015**, 13(1).
60. Ghanbari, M.; S. Jeddi; F. Bagheripour, and A. Ghasemi, 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(8), 915-922.
61. Jeddi, S.; J. Zaman, and A. Ghasemi, Effects of Ischemic Postconditioning on the Hemodynamic Parameters and Heart Nitric Oxide Levels of Hypothyroid Rats. *Arquivos brasileiros de cardiologia*. **2015**(AHEAD), 00-00.
62. Zaman, J.; S. Jeddi; M.S. Daneshpour; M. Zarkesh; Z. Daneshian, and A. Ghasemi, Ischemic postconditioning provides cardioprotective and antiapoptotic effects against ischemia–reperfusion injury through iNOS inhibition in hyperthyroid rats. *Gene*. **2015**, 570(2), 185-190.
63. Jeddi, S.; S. Khalifi; J. Zaman; M. Ghanbari, and A. Ghasemi, Effect of Oral Nitrate Administration on Myocardial Injury in Type 2 Diabetic Rats. *Iranian Journal of Endocrinology and Metabolism*. **2015**, 17(2), 129-137.
64. Ghanbari, M.; F. Bagheripour; M. Afghan; S. Jeddi, and A. Ghasemi, Attenuation of maximum exercise capacity in adult male offspring with fetal hypothyroidism in rats. **2015**.

65. Jeddi, S.; J. Zaman, and A. Ghasemi, Efeito do Pós-Condicionamento Isquêmico na Hemodinâmica e nos Níveis Cardíacos de Óxido Nítrico em Ratos com Hipotireoidismo. *Arquivos Brasileiros de Cardiologia*. **2015**, 104(2), 136-143.
66. Zaman, J.; S. JEDDI; S. ZAHEDIASL, and A. GHASEMI, A review of hyperthyroidism models in mouse and rat. **2014**.
67. Ghasemi, A.; S. Khalifi, and S. Jedi, Streptozotocin-nicotinamide-induced rat model of type 2 diabetes. *Acta Physiologica Hungarica*. **2014**, 101(4), 408-420.
68. Zaman, J.; S. Jeddi, and A. Ghasemi, The effects of ischemic postconditioning on myocardial function and nitric oxide metabolites following ischemia-reperfusion in hyperthyroid rats. *The Korean journal of physiology & pharmacology: official journal of the Korean Physiological Society and the Korean Society of Pharmacology*. **2014**, 18(6), 481.
69. Jeddi, S.; A. Ghasemi, and S. Zahediasl, 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(1), 47-56.
70. Amani, M., Effect of HEMADO on level of CK-MB and LDH enzymes after ischemia/reperfusion injury in isolated rat heart. *BioImpacts: BI*. **2013**, 3(2), 101.
71. Keyhanmanesh, R.; M. Ahmadi; S. Jeddy; H. Bagban; F.M. Babil; M.R. Alipour, et al., Effect of vitamin C on tracheal responsiveness and pulmonary inflammation in chronic obstructive pulmonary disease model of guinea pig. *Physiology and Pharmacology*. **2013**, 17(1), 101-115.
72. Shahbazi, A.; J. Zaman; M. Asgharzadeh; A. Spotin, and S. Jeddi, Genetic mutations in 57 and 58 codons gene of Plasmodium vivax dihydrofolate reductase. *Hormozgan Medical Journal*. **2013**, 17(5), 375-383.
73. Jeddi, S.; N. Ahmadi Asel; M. Mohammadi, and R. Badalzadeh, Effect of HEMADO on the changes of nitric oxide and coronary flow in isolated hearts of male rats. *Pharmaceutical Sciences*. **2012**, 17(4), 267-274.
74. Jeddi, S.; N. Ahmmadi Asel; M. Mohammadi, and R. Badalzadeh, The hemodynamic effect of HEMADO on ischemic-reperfusion injury of male rat isolated heart. *Pharmaceutical Sciences*. **2011**, 17(3), 145-150.
75. Mohammadi, H.; M. Hafezi; N. Nezafati; S. Heasarki; A. Nadernezhad, and S. Ghazanfari, Bioinorganics in bioactive calcium silicate ceramics for bone tissue repair: Ball milled at 6 h Ball milled at 8 h. *Ball milled at*. 10, 1-12.

Abstract

- 12th International Congress on Endocrine Disorders 14-16 November, 2018. Jeddi Sajad , Gheibi Sevd• Ghasemi Asghar. Inverse association between blood pressure and circulating hydrogen sulfide in hyperthyroid rats.
- 12th International Congress on Endocrine Disorders 14-16 November, 2018. Norouzirad Reza , Ghanbari Mahboubeh , Gholami Hanieh , Jeddi Sajad , Ghasemi Asghar. Normobaric oxygen therapy (NBOT) improves glucose metabolism in type 2 diabetic rats.
- 12th International Congress on Endocrine Disorders 14-16 November, 2018. Gheibi Sevda , Kashfi Khosrow , Jeddi Sajad , Ghasemi Asghar. Effects of hydrogen sulfide on carbohydrate metabolism and lipid profile in obese type 2 diabetic rats.

4. Therapeutic applications of nitric oxide in cancer and inflammatory – related Disorders
Accademia dei Fisiocritici (Siena) October 4-5, 2018. Ghasemi A, Gheibi S, Jeddi S, Gholami H. Effects of long-term nitrate supplementation on gene expressions of GLUT2, GLUT4 and glucokinase in male obese type 2 diabetic rats.
5. 2nd International and 23rd Iranian Congress of Physiology and Pharmacology, Iran, Chabahar, 15-18 Feb. 2018. Tarlan Varzandi *, Abbas Piryaee, Mohhammad amin abdollahifard, seyed ali haeri rohani, sajad jeddi, Asghar Ghasemi. Nitrite induces browning of inguinal white adipose tissue in obese type 2 diabetic rats: A stereological study.
6. 2nd International and 23rd Iranian Congress of Physiology and Pharmacology, Iran, Chabahar, 15-18 Feb. 2018. Vajiheh Khorasany *, Asghar Ghasemi, Parichehr Yaghmei, Maryam Tohidi, Sevda Gheibi, sajad Jeddi. Effects of sodium nitrate administration on cell blood count in type 2 diabetic male rats.
7. 2nd International and 23rd Iranian Congress of Physiology and Pharmacology, Iran, Chabahar, 15-18 Feb. 2018. Mahboubeh Ghanbari *, Sajad jeddi, Reza Norouzirad, Fatemeh Bagheri puor, Asghar Ghasemi. Increase of cardiac nitric oxide contributes in reduced cardiac function in male rats with fetal hypothyroidism.
8. 2nd International and 23rd Iranian Congress of Physiology and Pharmacology, Iran, Chabahar, 15-18 Feb. 2018. Asghar Ghasemi *, Sajad Jeddi, Mattias Carlström, Sevda Gheibi. Effects of long-term nitrate supplementation on carbohydrate metabolism, lipid profiles, oxidative stress, and inflammation in male obese type 2 diabetic rats.
9. 10th Asia Pacific Conference on Clinical Nutrition Adelaide Convention Center, South Australia, 26-29 Nov 2017. Asghar Ghasemi*, Sajad Jeddi. Anti-obesity and anti-diabetic effects of nitrate and nitrite.
10. 21th International Congress of Physiology and Pharmacology, 23-27 Oct 2013, Tabriz, Iran. Jeddi S, Zaman J, Ghasemi A, zahedi asl S, The effects of fetal hypothyroidisms on ischemia-reperfusion injury in adult female rats.
11. 4th Iranian Congress of prevention and treatment of obesity, 4-6 December 2013, Tehran- Iran. Khalifi S, Jeddi S, Rahimpour A, Ghanbari M, Ghasemi A. Effect of nitrate therapy on food intake, blood glucose, and weight of type 2 diabetic rats.
12. 6th International Congress of Laboratory and Clinic, 12-15 February 2013, Tehran, Iran. Jeddi S, khalifi S, Rahimpour A, Ghanbari M, Ghasemi As. Effects of Nitrate Therapy on cardiac function in Type 2 Diabetic Rats.
13. 10th International Congress of Endocrine Disorders, 22- 24 October 2014, Tehran. Iran. Cardioprotective effects of low-dose nitrate therapy in type 2 diabetic rats. Ghasemi A, Jeddi S, khalifi S, Bageripour F.

14. 10th International Congress of Endocrine Disorders, 22- 24 October 2014, Tehran. Iran Khalifi S, Rahimipour A, Jeddi S, Ghanbari M, Kazerouni F, Ghasemi A. Dietary Nitrate Improves Glucose Tolerance and Dyslipidemia in Type 2 Diabetic Rats.
15. 10th International Congress of Endocrine Disorders, 22- 24 October 2014, Tehran. Iran. Ghanbari M, Jeddi S, Bagheripour F, Ghasemi A. Decrease of Cardiac Function and Tolerance to Ischemia-reperfusion Injury in Adult Male Rats with Fetal Hypothyroidism.
16. 10th International Congress of Endocrine Disorders, 22- 24 October 2014, Tehran. Iran. Zaman J, Jeddi S, Ghasemi A. The Effects of Ischemic Postconditioning on Nitric Oxide Metabolites and Functions of Hyperthyroid Myocardium Following Ischemia-Reperfusion in Rats.
17. 10th International Congress of Endocrine Disorders, 22- 24 October 2014, Tehran. Iran. Jeddi S, Zaman J, Ghasemi A. The Effects of Ischemic Postconditioning on Hemodynamic Parameters and Nitric Oxide Metabolites in the Heart Following Ischemia-Reperfusion in Hypothyroid Rats.

Book

1. Questions of Physiology, Ph.D. Course with detailed answers. Ghasemi A, [jeddi_s](#). 2014, Nedaye Iran. Publisher. ISBN: 978-600-6223-60-5.

Teaching

1. Teaching applied courses of Medical Physiology for pharmacy students in faculties of Tabriz University of Medical Sciences, Iran. (88-89)

Workshop

1. Powerlab Recording Systems and Advanced Techniques in Biosciences (2009); ADInstruments Company of Australia and Eqlim-Danesh Company of Iran, Tehran-Iran.
2. Reference Manager (1388); Tabriz University of Medical Sciences, Tabriz-Iran.
3. Article Writing (Persian)(1388); ; Tabriz University of Medical Sciences, Tabriz-Iran.
4. Article writing in medical science (2014); Shaheed Beheshti University of Medical Sciences.
5. Western Blotting Technique (2013); 21st international Iranian congress of physiology and pharmacology at Tabriz university of medical science.
6. Theoretical molecular studies and PCR (1388); Tabriz University of Medical Sciences, Tabriz-Iran.
7. Practical Molecular studies and PCR (1388); Tabriz University of Medical Sciences, Tabriz-Iran.
8. Primer Design (1391); in Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, I.R. Iran.
9. Statically software (1388); Tabriz University of Medical Sciences, Tabriz-Iran.
10. Modern methods of training in Anatomy (1388); Tabriz University of Medical Sciences, Tabriz-Iran.

Reviewer for Journals

1. Iranian Journal of Endocrinology and Metabolism [Persian]
2. International Journal of Endocrinology and Metabolism [English]
3. Gene
4. Journal of Cellular Physiology
5. Journal of Endocrinology
6. Life Sciences
7. Pharmacological Research
8. Biomarkers
9. International Journal of Basic Science in Medicine