Curriculum Vitae

DR Sajad Jeddi

PERSONAL INFORMATION

Name: Sajad

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Nationality: Iranian

Birth: 1983 Tabriz, Iran

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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] N. Yousefzadeh, et al. Ovariectomized rat model of osteoporosis: a practical guide. EXCLI journal, 2020, 19: 89.

[2] M. Ghanbari, et al. 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.

[3] S. Jeddi, et al. 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, 2020, 21(4): 1415.

[4] N. Yousefzadeh, et al. Impaired Cardiovascular Function in Male Rats with Hypo-and Hyperthyroidism: Involvement of Imbalanced Nitric Oxide Synthase Levels. Endocrine, metabolic & immune disorders drug targets, 2020
[5] E. Karimi-Sales, et al. trans-Chalcone inhibits transforming growth factor-β1 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.
[6] S. Jeddi, et al. Protective effect of intermediate doses of hydrogen sulfide against myocardial ischemia-reperfusion injury in obese type 2 diabetic rats. Life Sciences, 2020: 117855.
[7] N. Yousefzadeh, et al. 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): 273-80.
[8] S. Gheibi, et al. Effects of hydrogen sulfide on carbohydrate metabolism in obese type 2 diabetic rats. Molecules, 2019, 24(1): 190.
[9] A. Ghasemi, et al. Effects of Long-Term Nitrite Supplementation on Gene Expressions of GLUT2, GLUT4, and Glucokinase in Male Obese Type 2 Diabetic Rats. Therapeutic Application of Nitric Oxide in Cancer and Inflammatory Disorders: Academic Press, 2019: 323-4
[10] V. Khorasani, et al. 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.
[11] Z. Bahadoran, et al. Circulating markers of nitric oxide homeostasis and cardiometabolic diseases: insights from population-based studies. Free Radical Research, 2019, 53(4): 359-76.
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[13] S. Jeddi, et al. Altered gene expression of hydrogen sulfide-producing enzymes in the liver and muscles tissues of hyperthyroid rats. Journal of cellular physiology, 2019, 234(10): 17937-45.
[14] K. Kashfi, et al. Effects of hydrogen sulfide on carbohydrate metabolism and blood pressure in obese type-2 diabetic rats. The FASEB Journal, 2019, 33(1_supplement): 514.4-.4.
[15] R. Norouzirad, et al. Dietary inorganic nitrate attenuates hyperoxia-induced oxidative stress in obese type 2 diabetic male rats. Life Sciences, 2019, 230: 188-96.
[16] M. Ghanbari, et al. 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.
[17] S. Gheibi, et al. Hydrogen sulfide potentiates the favorable metabolic effects of inorganic nitrite in type 2 diabetic rats. Nitric Oxide, 2019, 92: 60-72.
[18] S. Gheibi, et al. Data Extraction from Graphs Using Adobe Photoshop: Applications for Meta-Analyses. International Journal of Endocrinology and Metabolism, 2019, 17(4)
[19] S. Jeddi, et al. Role of inducible nitric oxide synthase in myocardial ischemia-reperfusion injury in sleep-deprived rats. Sleep and Breathing, 2018, 22(2): 353-9.
[20] S. Gheibi, et al. Regulation of vascular tone homeostasis by NO and H2S: Implications in hypertension. Biochemical pharmacology, 2018, 149: 42-59.
[21] S. Gheibi, et al. 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.
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[23] E. Karimi-Sales, et al. Effect of trans-chalcone on hepatic IL-8 through the regulation of miR-451 in male rats. Endocrine regulations, 2018, 52(1): 1-5.
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[34] H. Gholami, 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): 2338-52.
[35] T. Varzandi, et al. 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.
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[37] S. Jeddi, et al. Involvement of inducible nitric oxide synthase in the loss of cardioprotection by ischemic postconditioning in hypothyroid rats. Gene, 2016, 580(2): 169-76.
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[59] A. Shahbazi, et al. Genetic mutations in 57 and 58 codons gene of Plasmodium vivax dihydrofolate reductase. Hormozgan Medical Journal, 2013, 17(5): 375-83.
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Abstract

1. 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.
2. 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.
3. 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 Disordes 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 Piryae , Mohhamad amin abdollahifar , 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 Yaghmeai , 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, Rahimipour 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, Rahimipour 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 Bloting Technique (2013); 21st international Iranian congress of physiology and pharmacology at Tabriz university of medical scince.
6. Theoretical molecular studies and PCR (1388); Tabriz University of Medical Sciences,Tabriz-Irn.
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 Pharmacological Research
7. Biomarkers
8. International Journal of Basic Science in Medicine