



*Shiva Borzouei, MD*

❖ **Personal Background:**

- *Nationality: Iranian*

*Name: Shiva Borzouei*

*Marital Status: Married*

*Address: Shahid Beheshti hospital , Hamadan university of medical sciences  
,Iran*

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- ❖ **Current Position:** Associated Professor of Endocrinology, School of Medicine, Hamadan University of Medical Sciences

- ❖ **Education:** Adult endocrine subspecialty, Shahid Beheshti university medical sciences, Iran

- ❖ **Thesis:** Agreement level of definitions of the metabolic syndrome by modified ATP III and IDF with insulinresistance in the lipid and glucose study ( TLGS)

❖ **Activity & Teaching:**

▪ **Activity**

- Member of Urology and Nephrology Research Center (2023- until now)
- Secretary of the Scientific Committee of the Student Olympiad Hamadan university medical science (2023- until now)
- External evaluator of the Ministry of Health (2022- until now)
- Member of Master Evaluation Committee Hamadan university medical science (2022- until now)
- Member of Ethics Committee of the University of Medical Sciences (2022-until now)
- Holding Responsible CPC and Case Presentation of Shahid Beheshti Hospital (2021 -until now)
- Specialized and sub-specialized deputy of medical School, Hamadan university medical of sciences (2020 -2022)
- Member of Mortality Committee of Shahid Beheshti Hospital (2017-2019)
- Member of the Scientific Committee of the Student Olympiad Hamadan university medical science (2014-2016)
- Member of the Clinical Skills Committee Hamadan university medical science (2014-2016)
- Member of Research Council of Shahid Beheshti Hospital (2014-until now)
- Head of Endocrine ward of Shahid Beheshti Hospital (2010 -until now)

- Member of Clinical Evaluation Committee Hamadan university medical science (2013-2016)
- Assistant Manager of Internal Department, Hamadan university medical science (2013-2015)
- Member of Research Council of Faculty of Medicine, Hamadan university medical science (2012-2015)
- Member of the Faculty Committee on Women's Affairs, Hamadan university medical science (2012-2014)
- Member of Responsive Education Committee, Hamadan university medical science (2010-2014)
- Member of the Diabetes Advisory Committee at the University Hamadan university medical science (2010-2015)
- On call Endocrinology ward (2009 -until now)
- Member of Iranian obesity society (2008-until now)
- Member of Iranian diabetes society (2008-until now)

■ ***Teaching***

Medical Students and Residents:

- Teaching physiopathology in Endocrinology (2009 -until now)
- Rounding patients with students and residents (2009 -until now)
- Presence in Morning report (2009 -until now)
- Holding Journal Club (2009 -until now)
- Holding Scientific Conference (2009 -until now)
- Presence Mortality – morbidity conference (2009 -until now)
- Holding CPC (2021 -until now)
- Conducting Scientific workshop (2009 -until now)
- Supervisor and advisor of medical student and resident's final thesis (2009 -until now)
- Preparing lesson plan (2009 -until now)
- Attendance at the educational Endocrinology clinic (2009 -until now)

❖ **Publication:**

***A. Papers***

- 1- Jazaeri M, Abdolsamadi HR, Farmany A, Soltanian AR, **Borzouei Sh**, Samie L, Najar Karimi F. Salivary Lysozyme and Glycosylated Lysozyme levels of type 2 diabetic patients in comparison with healthy individuals. *Iranian Journal of Chemistry and Chemical Engineering (IJCCE)*. 2024;42(10).
- 2- Ghiasian M, Rastgoo Haghi AR, **Borzouei Sh**, Bawand R. Simultaneous onset of Crohn's disease and Psoriasis in a Multiple Sclerosis patient treated with Teriflunomide: A novel case report highlighting potential autoimmune interactions, *Heliyon*, 2024;10(4).
- 3- **Borzouei Sh**, Briganti G, Golparian M, Lechien JR, Tarokhian A. Machine learning for risk stratification of thyroid cancer patients: a 15-year cohort study. *European Archives of Oto-Rhino-Laryngology*. 2023 Oct 30:1-0
- 4- Ayubi E, Khazaei S, **Borzouei Sh**, Soltanian AR, Ghelichkhani S, Karbin F, Yan Y, Song M, Tian C, Zhang W, Sun J. Validity and reliability of the Persian version of the Suboptimal Health Status Questionnaire among university staff in Iran. *Journal of Global Health*. 2023;13
- 5- Hashemi S H, Saki F, **Borzouei Sh**, Bawand R, Soltanian A. Comprehensive comparison of clinicoradiological, laboratory, and prognostic factors of community-acquired pneumonia in diabetic and nondiabetic hospitalized patients. *Turkish Journal of Medical Sciences*. 2023;53(6):1776-85
- 6- **Borzouei Sh.**, Amjad Vaziri S, Badiei M, Farmany A, Cheraghi Z. Investigating salivary concentration of calcium ion in hypothyroidism. *Health Science Reports*. 2023 Oct;6(10):e1669
- 7-
- 8- **Borzouei Sh.**, Ayubi E, Bashirian S, Karimi N, Khazaei S. Association Between Treatment Adherence in Patients with Type 2 Diabetes with Their Quality of Life: A Cross-Sectional Study. *Ethiopian Medical Journal*. 2023 Sep 25;61(4).
- 9- Yeganeh SA, Dehghan A, Jahanshahi J, Shirouei S, Arjipour M, **Borzouei Sh**. Erdheim-Chester disease; a 31-year-old woman presented with bone pain and ophthalmologic involvement: a case report. *Journal of Parathyroid Disease*. 2023;11:e11209.
- 10- Yaghoubi F, Soltanian AR, **Borzouei Sh**. Investigation of Clinical Features and Surgical Results in Patients with Thyroid Nodules Referred to the Endocrinology Clinic in Hamadan City. *Avicenna Journal of Clinical Medicine*. 2023 Jun 15;30(1):52-8.

- 11- **Borzouei Sh**, Solgi M, Khazaei S. The Impact of COVID-19 Pandemic on the Elderly Type 2 Diabetes Patient Care in the Rural Areas: a Cross-sectional Study in the West of Iran. *SN Comprehensive Clinical Medicine*. 2023 Jun 24;5(1):170.
- 12- **Borzouei Sh**, Gholamian M, Behzad M. Impact of interleukin-32 $\alpha$  on T helper cell-related cytokines, transcription factors, and proliferation in patients with type 2 diabetes mellitus. *Immunopharmacology and Immunotoxicology*. 2023 May 4;45(3):268-76.
- 13- Sedighi, P, Salim BahramiAR, Dehghan, A, **Borzouei Sh**. Neurofibromatosis Type 1-Associated Multiple Malignant Peripheral Nerve Sheet Tumors: A Case Report and Literature Review . *Iranian Red Crescent Medical Journal*. . (2023). 25(5).
- 14- Farmany A, Jazaeri Jonghani M, Abdolsamadi H, Soltanian A, **Borzouei Sh**, Samie L, Najar Karimi F. Salivary Lysozyme and Glycosylated Lysozyme levels of type 2 diabetic patients in comparison with healthy individuals. *Iranian Journal of Chemistry and Chemical Engineering*. 2023 May 31.doi: 10.30492/IJCCE.2023.562561.5607.
- 15- Karimijavid MR, Pashaki AS, **Borzouei Sh**, Khanlarzadeh E, Gholami MH, Nikzad S. Hypothyroidism evaluation after radiotherapy of breast and supraclavicular in patients with breast cancer. *Advanced Biomedical Research*. 2023;12. doi: 10.4103/abr.abr\_218\_21
- 16- Ayubi E, Torkamanasadi F, **Borzouei Sh**, Alafchi B, Khazaei S, Talebi SS. Effects of Hypertension alone and in Comorbidity with Diabetes on the 30-Day Mortality of Inpatients with COVID-19. *Journal of Research in Health Sciences*. 2023 Jan 14;22(4).
- 17- Aidin Tarokhian, Arash Dehghan, Sohrab Kulivand, **Shiva Borzouei**. Von Hippel-Lindau; A 47-year-old woman with renal cell carcinoma and multi organ involvement. *J Ren Endocrinol*. doi: 10.34172/jre.2022.25065.
- 18- Pirdeghan A, Shafieyan A M, Esna-Ashari F, **Borzouei Sh**. Evaluation Medication-Related Beliefs and Treatment in patients with diabetes Typ2 in Hamadan in 2021. *ijdlld* 2022; 22 (5) :312-320
- 19- Khazaei S, Nowruzi shadmani R, Talebi S S, **Borzouei Sh**. The relationship between satisfaction with treatment services and the quality of life in type II diabetic patients in Hamadan, Iran, 2021. *J Diabetes Nurs* 2022; 10 (4) :1965-1975.
- 20- Bawand R, **Borzouei Sh**, Salimbahrami SA, Sheikh V. Comparison of clinical efficacy of antithyroid drugs, radioactive iodine, and thyroidectomy for treatment of patients with graves' disease, toxic thyroid adenoma, and toxic multinodular goiter. *Biomedical and Biotechnology Research Journal (BBRJ)*. 2022 Oct 1;6(4): 569-575.

- 21- Sadri M, Barati M, **Borzouei Sh**, Bashirian S, Jenabi E, Zareian S. COVID-19 Preventive Behaviors and the Related Beliefs among Diabetics: The Use of Protection Motivation Theory. *Journal of Education and Community Health*. 2022; 9 (4) :235-240.
- 22- Amri A, Soltanian AR, **Borzouei Sh**. Survival rates and prognostic factors of thyroid cancer: A retrospective cohort study. *Journal of Parathyroid Disease*. 2022;10:e11162.
- 23- Gholami H, Kheiripour N, Bahmani M, Ranjbar A, Khodamoradi Z, **Borzouei Sh**. Effect of nanocurcumin on serum levels of betatrophin and irisin in patients with metabolic syndrome; a clinical trial. *J Ren Endocrinol*. 2022;8:e19064. doi: 10.34172/jre.2022.19064.
- 24- Karimi N, Bashirian S, Esmaealzadeh M, **Borzouei Sh**. Evaluation of Thyroid Function in Patients with Type II Diabetes during 2019-2021. *J Diabetes Nurs* 2022; 10 (3) :1910-1923.
- 25- Farzadfar F, Naghavi M, Sepanlou SG, Moghaddam SS, Dangel WJ, Weaver ND, Aminorroaya A, Azadnajafabad S,... **Borzouei Sh**,... Koolaji S, Mohammadi E, Rezaei N. Health system performance in Iran: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2022 Apr 23;399(10335):1625-45.
- 26- Karimi K, Nikzad M, Kulivand S, **Borzouei Sh**. Adrenal Mass in a 70-Year-Old Woman. *Case Reports in Endocrinology*. 2022 Jul 12;2022.
- 27- **Borzouei Sh**, Azizi Jalilian F, Mehri F, Bashirian S, Torkaman AsadiF, Khazaei S. assessment of vitamin D, vitamin B12 retinol binding protein zinc selenium copper and management in Iranian COVID-19 patients and their Relationships with the Disease Linked Death. *Nutrition and Food Sciences Research*. 2022; 9(2):23-29.
- 28- Kinyoki D, Osgood-Zimmerman AE, Bhattacharjee NV, Kassebaum NJ, Hay SI,..... **Borzouei Sh** . Anemia prevalence in women of reproductive age in low-and middle-income countries between 2000 and 2018. *Nature medicine*. 2021 Oct;27(10):1761-82.
- 29- Movaghar Khanjani S, Khazaei S, **Borzouei Sh**,. Evaluation of Medication Adherence and its Related Factors among Type 2 Diabetic Patients. *Clin Med*. 2021;28(3):158-65.
- 30- **Borzouei Sh**, Eslahchi M, Esna-Ashari F, Pirdehghan A. Adherence and Related Factors in Pregnant Women With Gestational Diabetes. *Acta Medica Iranica*. 2021 Sep 1;59(9). 550-554.
- 31- Mahdavi M, Parsaeian M, **Borzouei Sh**, Majdzadeh R. Identifying Associations Between Health Services Operational Factors and Health Experience for Patients With Type 2 Diabetes in Iran. 2021; ٢١.

- 32- **Borzouei Sh**, Mohamadtaheri M, Zamani A, Behzad M. Reduced frequency and functional potency of CD49d<sup>+</sup> T regulatory cells in patients with newly diagnosed type 2 diabetes mellitus. *Immunobiology*. 2021 Jul 1;226(4):152113.
- 33- **Borzouei Sh**, Mohammadian-khoshnood M, Omid T, Bashirian S, Bahreini F, Heidarimoghadam R, Khazaei S. Predictors of COVID-19 related death in diabetes patients: A case-control study in Iran. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2021 May 21;10(4).
- 34- **Borzouei Sh**, Moghimi H, Zamani A, Behzad M. Changes in T helper cell-related factors in patients with type 2 diabetes mellitus after empagliflozin therapy. *Human Immunology*. 2021 Jun 1;82(6):422-8.
- 35- Moghimi H, **Borzouei Sh**, Zamani A, Behzad M. Evaluation of the Effect of Empagliflozin Therapy on T Helper 22 Cell-Related Factors in Patients with Type 2 Diabetes Mellitus. *Avicenna J Clin Med*. 2021; 27 (4) :193-200
- 36- Kheiripour N, Khodamoradi Z, Ranjbar A, **Borzouei Sh**. The positive effect of short-term nano-curcumin therapy on insulin resistance and serum levels of afamin in patients with metabolic syndrome. *Avicenna Journal of Phytomedicine*. 2021 Feb 1; 11(2):146-53.
- 37- Ahmadi-Motamayel F, Fathi S, Goodarzi MT, **Borzouei Sh**, Poorolajal J, Barakian Y. Comparison of Salivary Antioxidants and Oxidative Stress Status in Gestational Diabetes Mellitus and Healthy Pregnant Women. *Endocrine, Metabolic & Immune Disorders Drug Targets*. 2021;21(8):1485-1490.
- 38- **Borzouei Sh**, Mahjub H, Sajadi NA, Farhadian M. Diagnosing thyroid disorders: Comparison of logistic regression and neural network models. *Journal of Family Medicine and Primary Care*. 2020 Mar;9(3): 1470–1476.
- 39- Zamani A, Rafiee M, Alikhani MY, Mohagheghi S, Pakrad B, **Borzouei Sh**. Serum Interleukin-17, Carcinoembryonic Antigen, and Prostate-Specific Antigen in High Lipid Profile Individuals. *Journal of Interferon & Cytokine Research*. 2020 Apr 1;40(4):218-24.
- 40- Pirdehghan A, Eslahchi M, Esna-Ashari F, **Borzouei Sh**. Health literacy and diabetes control in pregnant women. *Journal of Family Medicine and Primary Care*. 2020 Feb;9(2): 1048-1052.
- 41- Asaad Sajadi N, Mahjub H, **Borzouei Sh**, Farhadian M. Thyroid disorder diagnosis based on Mamdani fuzzy inference system classifier. *Koomeh*. 2020 Jan 10;22(1):107-13.
- 42- Telikani Z, Sheikh V, **Borzouei Sh**, Salehi I, Amirzargar MA, Alahgholi-Hajibehzad M. Effect of sitagliptin on serum levels of TNF- $\alpha$ , IL-1 $\beta$  and IL-10 in patients with type 2 diabetes mellitus. *Koomeh*. 2020 Jan 10;22(1):71-7.

- 43- Fathi S, **Borzouei Sh**, Goodarzi MT, Poorolajal J, Ahmadi-Motamayel F. Evaluation of salivary antioxidants and oxidative stress markers in type 2 diabetes mellitus: a retrospective cohort study. *Endocrine, Metabolic & Immune Disorders-Drug Targets (Formerly Current Drug Targets-Immune, Endocrine & Metabolic Disorders)*. 2020 May 1;20(4):584-90.
- 44- Wang H, Abbas KM, Abbasifard M, Abbasi-Kangevari M, Abbastabar H, Abd-Allah F, Abdelalim A, Abolhassani H, Abreu LG, Abrigo MR, Abushouk AI,.....**Borzouei Sh**. Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020 Oct 17;396(10258):1160-203.
- 45- Murray CJ, Abbafati C, Abbas KM, Abbasi M, Abbasi-Kangevari M, Abd-Allah F, Abdollahi M, Abedi P, Abedi A, Abolhassani H, Aboyans V,.....**Borzouei Sh**. Five insights from the global burden of disease study 2019. *The Lancet*. 2020 Oct 17;396(10258):1135-59.
- 46- Murray CJ, Aravkin AY, Zheng P, Abbafati C, Abbas KM, Abbasi-Kangevari M, Abd-Allah F, Abdelalim A, Abdollahi M, Abdollahpour I, Abegaz KH,.....**Borzouei Sh**. Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020 Oct 17;396(10258):1223-49.
- 47- Vos T, Lim SS, Abbafati C, Abbas KM, Abbasi M, Abbasifard M, Abbasi-Kangevari M, Abbastabar H, Abd-Allah F, Abdelalim A, Abdollahi M,.....**Borzouei Sh**. Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020 Oct 17;396(10258):1204-22.
- 48- Safian S, Esna-Ashari F, **Borzouei Sh**. Thyroid dysfunction in pregnant women with gestational diabetes mellitus. *Current diabetes reviews*. 2020 Nov 1;16(8):895-9.
- 49- **Borzouei Sh**, Mousavi-bahar SH, Salimbahrami SA, Masihi MS. Malignant pheochromocytoma with negative biochemical markers: Is it time to reclassify pheochromocytomas? *Urology case reports*. 2019 Mar 5:100858.
- 50- Eslami F, **Borzouei Sh**, Khanlarzadeh E, Seif S. Prevalence of increased intraocular pressure in patients with Graves' ophthalmopathy and association with ophthalmic signs and symptoms in the north-west of Iran. *Clinical Ophthalmology (Auckland, NZ)*. 2019;13: 1353-1359.
- 51- Mahabadi-Ashtiyani E, Sheikh V, **Borzouei Sh**, Salehi I, Alahgholi-Hajibehzad M. The increased T helper cells proliferation and inflammatory responses in patients with type 2 diabetes mellitus is suppressed by sitagliptin and vitamin D3 in vitro. *Inflammation Research*. 2019:1-0.
- 52- Sadeghabadi ZA, Ziamajidi N, Abbasalipourkabir R, Mohseni R, **Borzouei Sh**. Palmitate-induced IL6 expression ameliorated by chicoric acid through AMPK and SIRT1-mediated



pathway in the PBMCs of newly diagnosed type 2 diabetes patients and healthy subjects. *Cytokine*. 2019 Apr 1; 116:106-14.

- 53- Telikani Z, Sheikh V, Zamani A, **Borzouei Sh**, Salehi I, Amirzargar MA, Alahgholi-Hajibehzad M. Effects of sitagliptin and vitamin D3 on T helper cell transcription factors and cytokine production in clinical subgroups of type 2 diabetes mellitus: highlights upregulation of FOXP3 and IL-37. *Immunopharmacology and immunotoxicology*. 2019 Mar 4; 41(2):299-311.
- 54- **Borzouei Sh**, Sheikh V, Ghasemi M, Zamani A, Telikani Z, Zareighane Z, Salehi I, Mozayanimonfared A, Amirzargar MA, Alahgholi-Hajibehzad M. Anti-inflammatory effect of combined sitagliptin and vitamin D3 on cytokines profile in patients with type 2 diabetes mellitus. *Journal of Interferon & Cytokine Research*. 2019 May 1; 39(5):293-301.
- 55- **Borzouei Sh**, Goodarzi MT, Biglari M, Nazari F, Shivapour Z. The Prevalence of Thyroid Disorders in Pregnant Women of Hamadan. *Avicenna Journal of Nursing and Midwifery Care*. 2019 Mar 10; 27(1):11-7.
- 56- Jafari A, Dehghan A, Esna-Ashari F, **Borzouei Sh**. Comparison of Cytologic Reports of Fine-Needle Aspiration of Thyroid Nodules with Pathologic Results of Thyroid Surgery. *Clin Med*. 2019 Jan 1; 26(1):20-5.
- 57- Asaad Sajadi N, **Borzouei Sh**, Mahjub H, Farhadian M. Diagnosis of hypothyroidism using a fuzzy rule-based expert system. *Clinical Epidemiology and Global Health*. 2019 Dec 1;7(4):519-24.
- 58- **Borzouei Sh**, Rabiei S, EsnaAshari F, Zareeighane Z, Biglari M. The Relationship between Gestational Diabetes and Risk Factors in Pregnant Women in Hamadan. *Psj*. 2018; 17 (1) :30-36.
- 59- Mahabadi-Ashtiyani E, Sheikh V, **Borzouei Sh**, Salehi I, Alahgholi-Hajibehzad M. Effect of Sitagliptin and Vitamin D3 on Secretion of IL-6 and TNF- $\alpha$  Inflammatory Factors in Patients with Type 2 Diabetes. *Avicenna Journal of Clinical Medicine*. 2018 Dec 15; 25(3):134-41.
- 60- Shirmohammadi N, Soltanian AR, **Borzouei Sh**. Public awareness of early and late complications of type 2 diabetes-Application of latent profile analysis in determining questionnaire cut-off points. *Osong public health and research perspectives*. 2018 Oct; 9(5):261.
- 61- Sheikh V, Zamani A, Mahabadi-Ashtiyani E, Tarokhian H, **Borzouei Sh**, Alahgholi-Hajibehzad M. Decreased regulatory function of CD4+ CD25+ CD45RA+ T cells and impaired IL-2 signalling pathway in patients with type 2 diabetes mellitus. *Scandinavian journal of immunology*. 2018 Oct; 88(4):e12711.

- 62- Abdolsamadi H, Vahedi M, **Borzouei Sh**, Soltanian A, Hosseini A, Avval MZ. Evaluation the Relationship between Serum and Salivary Levels of 25 (OH) Vit. D with Type II Diabetes in Newly Diagnosed Diabetics. JOURNAL OF MOLECULAR BIOLOGY RESEARCH. 2018 Jan 1; 8(1):108-13.
- 63- Azizi E, **Borzouei Sh**, Soltanian AR. A Nonparametric Bootstrap Confidence Interval for the Prevalence of Undiagnosed Type 2 Diabetes Mellitus in Hamadan, West of Iran. Journal of research in health sciences. 2018 Nov 8; 18(3).
- 64- Naghshtabrizi B, **Borzouei Sh**, Rezaei MJ, Esna-Ashari F. Assessment of the relationship between the HbA1c level and atherosclerosis burden in patients undergoing coronary angiography in farshchian heart center, Hamadan, Iran. Iranian Heart Journal. 2018;19(3):46-50.
- 65- **Borzouei Sh**, Soltanian AR. Application of an artificial neural network model for diagnosing type 2 diabetes mellitus and determining the relative importance of risk factors. Epidemiology and health. 2018; 40.
- 66- Salimbahrami SA, Naghshtabrizi B, **Borzouei Sh**, Ahmadi Z. Comparison of Vitamin D Serum Level in Patients with Cardiac Ischemic and Control Group at the Heart Hospital of Hamadan City. Avicenna J Clin Med. 2017; 24 (1):20-25.
- 67- Naghshtabrizi B, **Borzouei Sh**, Bigvand P, SeifraBiei MA. Evaluation of the Relationship between Serum 25-Hydroxy Vitamin D and Hypertension in Hamadan, Iran-A Case Control Study. Journal of clinical and diagnostic research: JCDR. 2017 Jul; 11(7):LC01.
- 68- **Borzouei Sh**, Jafari A, Esna-Ashari F, Salimbahrami SA. Comparison of cytology reports of FNA cases in thyroid nodules presented separately by two pathologists with the results of thyroid surgery.2017.
- 69- Soltanian AR, **Borzouei Sh**, Afkhami-Ardekan M. Design, developing and validation a questionnaire to assess general population awareness about type II diabetes disease and its complications. Diabetes & Metabolic Syndrome: Clinical Research & Reviews. 2017 Nov 1; 11:S39-43.
- 70- Hatami M, **Borzouei Sh**, Goodarzi M T, Study of some antioxidant enzymes and oxidative stress markers in patients with metabolic syndrome in comparison with healthy individuals . DMed. 2016; 23 (124):27-34.
- 71- Eftekharian MM, Karimi J, Safe M, Sadeghian A, **Borzouei Sh**, Siahpoushi E. Investigation of the correlation between some immune system and biochemical indicators in patients with type 2 diabetes. Human antibodies. 2016 Jan 1; 24(1-2):25-31.
- 72- Hatami M, Saidijam M, Yadegarzari R, **Borzouei Sh**, Soltanian A, Arian MS, Goodarzi MT. Peroxisome proliferator-activated receptor- $\gamma$  gene expression and its association with oxidative

- stress in patients with metabolic syndrome. Chonnam medical journal. 2016 Sep 1; 52(3):201-6.
- 73- Radi S, Abdolsamadi H, Ranjbar A, Rafieian N, **Borzouei Sh**, Roshanaei G, et al . Evaluation of Salivary Level of Paraoxonase and Total Antioxidant Capacity in Type II Diabetic Subjects. Avicenna J Clin Med. 2015; 22 (2):114-121.
- 74- Ahmadpanah M, Haghighi M, Jahangard L, **Borzouei Sh**, Heshmati S, Bajoghli H, Holsboer-Trachsler E, Brand S. No evidence for metabolic syndrome and lipid profile differences in patients suffering from bipolar I disorder with and without suicide attempts. International journal of psychiatry in clinical practice. 2015 Jul 3; 19(3):168-73.
- 75- Mohamadian M, Goodarzi M T, Saidijam M, Karimi J, **Borzouei Sh**, Soltanian A et al . Taq 1b Polymorphism in Cholesterol Ester Transfer Protein and Its Association with Metabolic Syndrome Parameters. J UrmiaUniv Med Sci. 2015; 25 (11):1041-1049.
- 76- Tavoosi Z, Moradi-Sardareh H, Saidijam M, Yadegarazari R, **Borzouei Sh**, Soltanian A, Goodarzi MT. Cholesterol transporters ABCA1 and ABCG1 gene expression in peripheral blood mononuclear cells in patients with metabolic syndrome. Cholesterol. 2015; 2015.
- 77- Rahiminejad ME, Moaddabi A, Rabiee S, Esna-Ashari F, **Borzouei Sh**, Hosseini SM. The relationship between clinicobiochemical markers and depression in women with polycystic ovary syndrome. Iranian journal of reproductive medicine. 2014 Dec; 12(12):811.
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- 80- Saidijam M, Tootoonchi AS, Goodarzi MT, Hassanzadeh T, **Borzouei Sh**, Yadegarazari R, Shabab N. Expression of interleukins 7 & 8 in peripheral blood mononuclear cells from patients with metabolic syndrome: a preliminary study. The Indian journal of medical research. 2014 Aug; 140(2):238.
- 81- **Borzouei Sh**, MousaviBahar SH, Fereydouni MA, Salimbahrami SA, Taghipour M. Multiple endocrine neoplasia type IIa associated with Cushing's syndrome. Archives of Iranian medicine. 2014; 17(6):451-4.
- 82- **Borzouei Sh**, EsnaAshari F, Kiani SJ, Kaveh MR, Goodarzi MT, Bahrami S, Ahmad S. The Relationship between Serum 25-Hydroxyvitamin D Levels and Metabolic Syndrome. Avicenna Journal of Clinical Medicine. 2013 Jun 15; 20(1):25-31.

- 83- Abdolsamadi HR, Rafieian N, Hosseini-zijoud SM, **Borzouei Sh**, Jazyaei M, Zanjankhah N, Raedi S. Evaluation of Salivary Nerve Growth Factor Levels in Type II Diabetics with Peripheral Neuropathy. *Journal of Basic and Applied*. 2013.3(11).105-109.
- 84- Kashi Z, Akha O, **Borzouei Sh**, Bahar A. Insulin therapy: Side effects and their management. *Clinical Excellence*. 2013 Sep 15; 1(2):1-6.
- 85- **Borzouei Sh**, Salim Bahrami SA, Hemati N, Ghadimipour H. A Case Report of Adrenocortical Carcinoma with Hypercortisolism and Heart Failure. *Avicenna Journal of Clinical Medicine*. 2013 Sep 15; 20(2):167-71.
- 86- **Borzouei Sh**, Sheikh V, MosaviBahar S H A, Yousefian A, Maheronnaghsh R. A Case Report of Multiple Endocrine Neoplasia Type IIa Associated with Cushing Syndrome. *Avicenna J Clin Med*. 2013; 20 (3):260-265.
- 87- Pourmehdi Z, Tabatabaei SK, Salimbahrami SA, **Borzouei Sh**. The efficacy of intrathecal bupivacaine in combination with general anesthesia versus general anesthesia alone on time to extubation in patients with Coronary Artery Bypass Graft (CABG) surgery. *Shiraz E-Medical Journal*. 2013 Mar 1; 14(1):13-20.
- 88- Tootoonchi AS, GoodarziMT, **Borzouei Sh**, Hassanzadeh T, Yadegarazari R, Shabab N. The expression of interleukins 10 and leptin receptor in peripheral mononuclear cells from patients with metabolic syndrome. *J Basic ApplSci Res*. 2012; 2:10055-62.
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- 91- Akbarzadeh M, Hassanzadeh T, Saidijam M, Esmaeili R, **Borzouei Sh**, Hajilooi M, Mahjub H, Paoli M. Cholesteryl ester transfer protein (CETP)– 629C/A polymorphism and its effects on the serum lipid levels in metabolic syndrome patients. *Molecular biology reports*. 2012 Oct 1; 39(10):9529-34.
- 92- **Borzouei Sh**, Hosseinpanah F, Azizi FE. Agreement level of definitions of the metabolic syndrome by modified ATP III and IDF with insulin resistance in the lipid and glucose study (TLGS). *Iranian Journal of Endocrinology and Metabolism*. 2009; 10(5).
- 93- Kashi Z, **Borzouei Sh**, Akhi O, MoslemiZadeh N, Zakeri H, Mohammadpour Tahmtan R, et al . Diagnostic Value of Fasting Plasma Glucose (Fpg) In Screening of Gestational Diabetes Mellitus. *ijdd*. 2006; 6 (1) :67-72.

## **B. Book**

- ۱- شیوا برزویی، امین کاویانی فرد. تغذیه و دیابت. انتشارات تدین. سال ۱۳۹۹
- ۲- شیوا برزویی، امین کاویانی فرد. آنچه از دیابت باید بدانید. انتشارات تدین. سال ۱۳۹۹
- ۳- فرید عزیزی جلیلیان، شیوا برزویی، راضیه عزتی، راضیه امینی، نرگس مالمیر. نقش ویروس ها در پاتوژنز دیابت و درمان پای دیابتی با  
فاژ. دانشگاه علوم پزشکی همدان. ۱۳۹۹

## ❖ Presentation:

### *A. Oral*

- 1- **Borzouei Sh.** Endocrine and metabolic diseases. The 14TH International Congress of Endocrine Disorders Tehran.(2023)
- 2- **Borzouei Sh.** Endocrine and metabolic diseases. The 14TH International Congress of Endocrine Disorders Tehran.(2023)
- 3- **Borzouei Sh.** Assessment of FNA results in thyroid nodules in the shahidbeheshti hospital of hamedan in 2010-2013. The 7th Iranian Congress of Pediatrics Endocrinology and Metabolism.Hamadan, Iran. (2014).
- 4- **Borzouei Sh.**, Salimbahrami SA, Vasheghani M. Correlation between Vitamin D Serum Levels and Ischemic Heart Disease (IHD); A Case Control study.10th International Congress of Endocrine Disorders. Tehran, Iran.(2014).
- 5- **Borzouei Sh.** The relationship between serum 25-hydroxyvitamin D levels and metabolic syndrome.2nd International and 4th Iranian Congress of Endocrine & Metabolism Updates. Isfahan, Iran.(2012).
- 6- **Borzouei Sh.**, Hossein panah F, Kashi Z. Agreement Level of Definitions of the metabolic syndrome by modified ATP III and IDF with insulin resistance in the lipid and glucose study (TLGS). 8th Iranian Congress of Endocrine disorders. Tehran. (2009)

### *B. Posters*

- 1- **Borzouei Sh.**, Farhadian M. Diagnosing Thyroid Disorders: Clinical Symptoms vs. Laboratory Tests. 5th International and 7th Iranian Congress of Endocrinology & Metabolism Updates. Isfahan, Iran .(2019).
- 2- **Borzouei Sh.**, Pirdehghan A. Adherence and related factors in pregnant women with gestational diabetes. 5th International and 7th Iranian Congress of Endocrinology & Metabolism Updates. Isfahan, Iran.(2019).
- 3- **Borzouei Sh.** Frequency and functional evaluation of Treg cells in patients with type 2 diabetes mellitus. 14th International Congress of Immunology and Allergy. Tehran, Iran.(2018).
- 4- **Borzouei Sh.** The effect of vitamin D3 on proliferation of CD4+ T lymphocytes in patients with type 2 diabetes mellitus. 14th International Congress of Immunology and Allergy.

Tehran, Iran. (2018).

- 5- **Borzouei Sh.** Evaluation of the T-bet, ROR $\gamma$ t and Foxp3 gene expression in patients with type 2 diabetes mellitus. 14th International Congress of Immunology and Allergy. Tehran, Iran.(2018).
- 6- **Borzouei Sh.**, Hamzehei R. Prevalence and risk factors of gestational diabetes among pregnant women in Hamadan. 1<sup>st</sup> congress of Metabolic Syndrome & Thyroid Disease.Mashhad, Iran. (2018).
- 7- **Borzouei Sh.**, Salimbahrami SA. Comparison of histological FNA report of two separate pathologists in thyroid nodules with surgical results. 4th International and 6th national Congress of Endocrine and Metabolism updates. Isfahan, Iran. (2017).
- 8- **Borzouei Sh.** Evaluation of thyroid disorders in pregnant women in Hamadan. The 11th International Congress of Endocrine Disorders. Tehran, Iran.(2016).
- 9- **Borzouei Sh.** Comparative study of thyroid Dysfunction in pregnant women with Gestational Diabetes and without Gestational Diabetes in Hamadan in 2013-2014. The 11th International Congress of Endocrine Disorders. Tehran, Iran.(2016).
- 10- **Borzouei Sh.**, Salimbahrami SA. Prevalence of thyroid disease in pregnant women in health centers of Hamadan. 3rd International and 4th national Congress of Endocrine and Metabolism updates. Isfahan, Iran. (2015).
- 11- Mohammadian M, Goodarzi MT, **Borzouei Sh.**, Hassanzadeh T, Rashidi S, Sharafbayani MR. relationships between plasma Cholesteryl ester transfer protein activity and lipid profiles in metabolic syndrome in an iranian population. 6th International Iranian Congress Laboratory & Clinic. Tehran, Iran. (2014).
- 12- **Borzouei Sh.** Study of Plasma Omentin & Visfatin and Their Correlation with IGF-I in women with Metabolic Syndrome. 13th Iranian Congress Of Biochemistry and 5th International Congress Of Biochemistry and Molecular Biology. Yazd. Iran(2013).
- 13- **Borzouei Sh.** Diagnostic value of fasting plasma glucose (FPG) in screening of gestational diabetes mellitus. 13th Congress of the Endocrine of Asia and Oceania, Tehran. Iran. (2006).

❖ **Awards and Honors:**

- ❖ The selected researcher of the research festival of Hamadan province, (2023).
- ❖ The selected researcher of the research festival of Hamadan province, (2022).
- ❖ Top clinical researcher, Hamadan university of medical sciences, (2022).
- ❖ The best researcher of Hamadan province, (2020).
- ❖ Top clinical researcher, Hamadan university of medical sciences, (2020).
- ❖ Top teacher of the faculty of medicine, Hamadan university of medical sciences, (2019).
- ❖ Top teacher of the faculty of medicine, Hamadan university of medical sciences, (2015).