

CURRICULUM VITAE

JAMAL HALLAJZADEH

Current Position: Assistant Professor of Clinical Biochemistry

Summary

Ph.D. in clinical biochemistry with five years of work experiences as a faculty member with exceptional people skills, lecturing, presenting and managing. Experienced in drug design, molecular docking, cell culture, systematic review and meta-analysis.

Skills

- ❖ Proficiency in diverse range of wet lab, computational and biotechnological methods

Education and Training

2014	Doctor of Philosophy: Medical Biochemistry. Tabriz University of Medical Science. Tabriz –Iran
2003	Master in Medical Science: Medical Biochemistry. Urmia University of Medical Sciences. Urmia –Iran.
1999	Bachelor of Science: Nutrition. Shahid Beheshti University of Medical Sciences. School of medicine. Tehran –Iran

Work Experiences

2014 to

Faculty member-Lecturer. A full-time job.
Maraghe University of Medical Sciences.
Maraghe-Iran.

I am an instructor of several courses such as nutrition, lab science, and nursing, molecular biology

PUBLICATIONS

- ❖ Samadzadeh S ,Zarghami N, Hallajzadeh J, , Hasanazadeh D, Jabbarzadeh S: Study of Correlation between Serum Zinc Levels and Telomerase Activity in Bladder Cancer Patients. Medical Juornal of Islamic World Academy of Science 15:2; 47-54, 2005.
- ❖ Samadzadeh S ,Zarghami N, Golikhani R, Hallajzadeh J, Jabbarzadeh S: Study of Serum Levels of Stem Cell Factor (SCF) in Patients with Bladder Cancer. Medical Juornal of Islamic World Academy of Science 14:2;43-50,2001.
- ❖ Jamal Hallajzadeh, Amir Ghorbanihaghjo .Cross-talk ET-1 with hsCRP and mineral metabolism in hemodialysis patients: a cross-sectional study. Iran Red Crescent Med J. 2014; 16(6): e18115
- ❖ Jamal Hallajzadeh, Amir Ghorbanihaghjo,Hassan Argani, Siavoush Dastmalchim, Nadereh Rashtchizadeh. Growth arrest-specific gene 6 (Gas6) and MGP in vascular calcification in End-stage renal disease on maintence Hemodialysis (HD).IJKD:2015; 3:249-255.
- ❖ Amir Ghorbanihaghjo, Hassan Argani, Nasar samadi, Shahn timer Valizadeh, Jamal Halajzadeh, Bahman Yousefi, Nadereh Rashtchizadeh .Vitamin D receptor gene FokI and ApaI polymorphisms and serum levels of Fetuin-A, Vitamin D and iPTH in hemodialysis patients .IJKD: 2014;8:394-9.
- ❖ Jamal Hallajzadeh, Amir Ghorbanihaghjo, Hassan Argani, Siavoush Dastmalchi Shahn timer Valizadeh, Najat Halaj, Amirmansour Vatankhah, Hakimeh Rezaei-Aghdam.

Role of Phosphor and Gas-6 in inflammation of Tabriz Hemodialysis Patients. J Analyt Res Clin Med. 2014; 2(1): 18-26.

- ❖ Shahnam Valizadeh-Shahbazloo, Amir Ghorbanihaghjo, Javid Safa, Jamal Hallajzadeh, Nasrin Barghahi, Neda Mahmoodi. Fetuin-A and vitamin D receptor gene polymorphisms in hemodialysis patients. J Anal Res Clin Med, 2014, 2(3): 105-11.
- ❖ Ayubi E, Hallajzadeh J, Safiri S (2017) Comment on data sparsity-Diagnostic and prognostic significance of systemic alkyl quinolones for *P. aeruginosa* in cystic fibrosis: A longitudinal study. Journal of Cystic Fibrosi
- ❖ Hallajzadeh J, Safiri S, Mansournia MA, Khoramdad M, Izadi N, Almasi-Hashiani A, Pakzad R, Ayubi E, Sullman MJ, Karamzad N (2017) Metabolic syndrome and its components among rheumatoid arthritis patients: A comprehensive updated systematic review and meta-analysis. PloS one 12 (3):e0170361.
- ❖ Eslami RD, Tanomad A, Hallajzadeh J, Ariana M (2016) Effect of *Lactobacillus delbrueckii* on Blood Sugar in Diabetic Mice. International Journal of Medical Laboratory 3 (3):198-204.
- ❖ Ahmadpour M, Hallajzadeh J, Hoseini SH, Alizadeh M, Rahmani V (2017) The Effect of Attendance Education on Knowledge, Attitude and Practice of Girl Students about Iron Deficiency Anemia. ZANKO JOURNAL OF MEDICAL SCIENCES WINTER 2017, Volume 17, Number 55; Page(s) 12 To 21.
- ❖ Hallajzadeh J, Safiri S, Mansournia MA, Khoramdad M, Izadi N, Almasi-Hashiani A, Pakzad R, Ayubi E, Sullman MJ, Karamzad N. The association between metabolic syndrome and its components with systemic lupus erythematosus: a comprehensive systematic review and meta-analysis of observational studies. Lupus (2018) 27, 899–912

- ❖ Behead Damari, Jamal hallajzadeh. Epidemiological study and designing an intersectional interventions model for incidence and prevalence rate reduction of brucellosis in bane county of Kurdistan province during 2011-2012. JOHE, Spring 2015; 4 (2).

- ❖ Jamal Hallajzadeh. Study of Correlation between Serum Zinc Levels and Telomerase Activity in Bladder Cancer Patients. HUPO 2nd ANNUL & IUBMB XIX JOINT WORLD CONGRESS, MONTERAL, OCTOBER 8-11, 2003.

- ❖ Jamal Hallajzadeh. Study of Serum Levels of Stem Cell Factor (SCF) in Patients with Bladder Cancer. HUPO 2nd ANNUL & IUBMB XIX JOINT WORLD CONGRESS, MONTERAL, OCTOBER 8-11, 2003.

- ❖ Jamal Hallajzadeh. Study of Correlation between Insulin-like growth factor -1 AND Glycosylated hemoglobin in Type I diabetic patients. PNCD.iran, Desember, 16-18, 2003

- ❖ Jamal Hallajzadeh. Study of Correlation between Serum Zinc Levels and Telomerase Activity in Bladder Cancer Patients. PNCD.iran, Desember, 16-18, 2003.

- ❖ Jamal Hallajzadeh .Cross-talk ET-1 as endothelial dysfunction with hs-CRP and mineral metabolism in hemodialysis patients. 14th International Congress of Nephrology, Dialysis and Transplantation.Iranian Society of Nephrology Isfahan, 2014.
- ❖ Jamal Hallajzadeh .Serum Fetuin A, vitamin D and Intact Parathyroid Hormone in Hemodialysis Patients. 13th Iranian Congress of Biochemistery& 5th International Congress of Biochemistry & Molecular Biology, Iran, April, 17, 2013.

- ❖ Jamal Hallajzadeh. Relationship of Growth arrest-specific gene 6 (Gas6) as pro-inflammatory and MGP in vascular calcification in End-stage renal disease on maintence Hemodialysis (HD) as oral presentation. 14th International Congress of Nephrology, Dialysis and Transplantation.Iranian Society of Nephrology Isfahan, 2014.

- ❖ Jamal Hallajzadeh , Amir Ghorbani , Mohammad Ahmadpour , Shahn timer Valizadeh: Vitamin D Receptor Gene Polymorphism and Serum Levels of Fetuin-A, Vitamin D and iPTH in the Hemodialysis Patients. Official Journal of Iranian Association of Clinical Laboratory Doctors.Supplement issue for IQC13. Laboratory & Diagnosis Vol. 6, No

26, Supplement Issue. The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratory April, 22 - 25, 2015. (Oral)

- ❖ Jamal Hallajzadeh, Amir Ghorbani, and Mohammad Ahmadpour. Serum Growth Arrest-Specific 6 Protein Levels in Hemodialysis Patients. Official Journal of Iranian Association of Clinical Laboratory Doctors. Supplement issue for IQC13. Laboratory & Diagnosis Vol. 6, No 26, Supplement Issue. The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratory April, 22 - 25, 2015. (Oral)
- ❖ Shahnam Valizadeh Shahbazloo , Amir Ghorbanihaghjo , Javid Safa , Jamal Hallajzadeh , Nasrin Barghahi , Neda Mahmoodi: Fetuin-A and Vitamin D Receptor Gene Polymorphisms in Hemodialysis Patients. Official Journal of Iranian Association of Clinical Laboratory Doctors Supplement issue for IQC13. Laboratory & Diagnosis Vol. 6, No 26, Supplement Issue. The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratory ,April, 22 - 25, 2015.(poster).
- ❖ Jamal Hallajzadeh. Association of Vitamin D Receptor Polymorphisms With serum OPG, MGP, Vitamin D and iPTH Levels In Hemodialysis. The 8th international congress on clinical & laboratory and of the first national congress of basic medical sciences & knowledge production. 6-8 Feb, 2016. (Poster)
- ❖ Reza Dolatyari eslami, asghar tanoomand, jamal hallajzadeh. Anti-diabetic effects of Lactobacillus delbrueckii in diabetic mice. The 8th international congress on clinical & laboratory and of the first national congress of basic medical sciences & knowledge production. 6-8 Feb, 2016. (Poster)
- ❖ Maghsoudi H, Hallajzadeh J, Rezaeipour M. Evaluation of the effect of polyphenol of escin compared with ibuprofen and dexamethasone in synoviocyte model for osteoarthritis: an in vitro study. Clin Rheumatol. 2018 Apr 16. Doi: 10.1007/s10067-018-4097-z. [Epub ahead of print].
- ❖ Hallajzadeh, Jamal ; Khoramdad, Maliheh ; Izadi, Neda ; Karamzad, Nahid ; Almasi-Hashiani, Amir ; Ayubi, Erfan ; Qorbani, Mostafa ; Pakzad, Reza ; Sullman, Mark J.M. ; Safiri, Saeid. Metabolic syndrome and its components in premenopausal and postmenopausal women: A comprehensive systematic review and meta-analysis on observational studies. Menopause. 2018 May 21. doi:10.1097/GME.0000000000001136 (2018).

- ❖ ALANI Behrang, ZARGHAMI Nosratollah, HALLAJZADEH Jamal, DELDAR Yakhub Modulation of Telomerase Gene Expression by Zinc in Bladder Cancer Patients. Third edition of EGEA, the International Conference on the Health Benefits of a Mediterranean Style Diet.2005

- ❖ Jamal Hallajzadeh , Maliheh Khoramdad , Nahid Karamzad , Amir Almasi-Hashiani , Ali Janati , Erfan Ayubi , Reza Pakzad , Mark J. M. Sullman , Saeid Safiri. Metabolic syndrome and its components among women with polycystic ovary syndrome: a systematic review and meta-analysis. J Cardiovasc Thorac Res. 2018; 10(2): 56-69. doi: 10.15171/jcvtr.2018.10

- ❖ Saeid Safiri; Jamal Hallajzadeh; Erfan Ayubi. Letter to editor: Predicting 30-Day Mortality for Patients with Acute Heart Failure in the Emergency Department. Ann Intern Med. 2018; 168(12):898-899. DOI: 10.7326/L18-0095.

- ❖ Hosseini M, Pourabadeh A, Fakhri A, Hallajzadeh J, Tahami S.Synthesis and characterization of Sb₂S₃-CeO₂/chitosan-starch as a heterojunction catalyst for photo-degradation of toxic herbicide compound: Optical, photo-reusable, antibacterial and antifungal performances. Int J Biol Macromol. 2018 Jul 12. pii: S0141-8130(18)31937-8. Doi: 10.1016/j.ijbiomac.2018.07.065.

- ❖ Elham Ahmadiana, Solmaz Maleki Dizaja, Elaheh Rahimpourd , Amir Hasanzadeh, Aziz Eftekharib, Hasan Hosain zadeganb, Jamal Hallajzadeh, Hale Ahmadian.Effect of silver nanoparticles in the induction of apoptosis on human hepatocellular carcinoma (HepG2) cell line. Materials Science & Engineering C. 93 (2018) 465–471.

- ❖ A. Azimi, M. F. Hagh, B Yousefi, M. A. Rahnema, A. Khorrami, M. Z. Heydarabad, M. Najafpour, J. Hallajzadeh, A. Ghahremani. The Effect of Prednisolone on miR 15a and miR16-1 Expression Levels and Apoptosis in Acute Lymphoblastic Leukemia Cell Line: CCRF-CEM. Drug Res (Stuttg) 2016; 66(08): 432-435. DOI: 10.1055/s-0042-108640

- ❖ Jalal Mohamadi , Jamal Hallaj zadeh , Mehrdad Rostami , Saber Raeghi , Hadi Mirahmadi , Fares Bahrami , Reza Shafiei , Arezoo Bozorgomid. Identification of Blastocystis sp. subtypes from human using 18s rRNA in Northwest of Iran. Armaghane Danesh. 2019, 23(6): 737-746.

- ❖ Farzaneh M, Derakhshan Z, Hallajzadeh J, Sarani NH, Nejabatdoust A, Khoshnam SE. Suppression of TGF- β and ERK signaling pathways as a new strategy to provide rodent and non-rodent pluripotent stem cells. *Curr Stem Cell Res Ther*. 2019 Mar 13.

- ❖ Jamal Halajzadeh, Alireza Milajerdi, Željko Reiner, Elaheh Amirani, Fariba Kolahehdoz, Maryam Barekat, Hamed Mirzaei, Seyyed Mehdi MirhashemiZatollahAsemi .Effects of resistant starch on glycemic control, serum lipoproteins and systemic inflammation in patients with metabolic syndrome and related disorders: A systematic review and meta-analysis of randomized controlled clinical trials. *Crit Rev Food Sci Nutr*. 2019 Oct 29:1-13. doi: 10.1080/10408398.2019.1680950

- ❖ Reza Tabrizi, Jamal Hallajzadeh, Naghmeh Mirhosseini, Kamran B Lankarani, Najmeh Maharlouei, Maryam Akbari, and Zatollah Asemi.The effects of vitamin D supplementation on muscle function among postmenopausal women: a systematic review and meta-analysis of randomized controlled trials. *EXCLI J*. 2019; 18: 591–603.

- ❖ Hallajzadeh J, Milajerdi A, Kolahehdoz F Amirani E, Mirzaei H, Asemi Z.The effects of curcumin supplementation on endothelial function: A systematic review and meta-analysis of randomized controlled trials. *Phytother Res*. 2019 Nov; 33(11):2989-2995. Doi: 10.1002/ptr.6477. Epub 2019 Aug 18.

- ❖ Edris Hasanpoor, Jamal Hallajzadeh, Yibeltal Siraneh, Ebrahim Hasanzadeh, and Elaheh Haghighshayie. Using the Methodology of Systematic Review of Reviews for Evidence-Based Medicine. *Ethiop J Health Sci*. 2019 Nov; 29(6): 775–778. doi: 10.4314/ejhs.v29i6.15

Computational and Wet Lab Abilities

- ❖ Molecular Docking
- ❖ SDS PAGE
- ❖ Western blotting
- ❖ Cell Culture
- ❖ Electrophoresis
- ❖ HPLC (not well expert)
- ❖ ELISA
- ❖ Spectrophotometry
- ❖ Atomic absorption spectrometry (AAS)
- ❖ Restriction fragment length polymorphism (RFLP)
- ❖ PCR
- ❖ Real-Time PCR

Responsibilities:

- ❖ **Member of Research Council of Maragheh Medical Sciences University. (2015-.....)**
- ❖ **Member of the educational council of Maragheh Medical Sciences University. (2015-....)**
- ❖ **Member of the High Council of Ethics, Maraghe University of Medical Sciences. (2015-.....)**
- ❖ **Director of the Department of Laboratory Science and Basic Sciences. (2017-.....)**