



## **CURRICULUM VITAE**

### **Personal Information:**

Name: Zahra Jamali

Address: Non-Communicable Diseases Research Center, Rafsanjan University of Medical Sciences, Rafsanjan, Iran

Email: [zahrajamali2959@gmail.com](mailto:zahrajamali2959@gmail.com)

Mobile No: +989132901452

Gender: Female

Place of birth: Rafsanjan, Iran

Marital status: Married

Nationality: Iranian

**Education:**

<b>DEGREE</b>	<b>FIELD</b>	<b>INSTITUTION</b>	<b>CITY</b>	<b>COUNTRY</b>	<b>DATE</b>
<i>PhD</i>	<i>Clinical Biochemistry</i>	<i>Tehran University of Medical Science</i>	<i>Tehran</i>	<i>Iran</i>	<i>2012-2017</i>
<i>M. Sc</i>	<i>Biochemistry</i>	<i>Payam e Noor</i>	<i>Mashhad</i>	<i>Iran</i>	<i>2008- 2010</i>
<i>B. Sc</i>	<i>Midwifery</i>	<i>Kerman University of Medical Science</i>	<i>Kerman</i>	<i>Iran</i>	<i>1998- 2001</i>

***M.Sc. Thesis*** Vitamin D status in girls students in a sunny city and its relation to bone markers, lifestyles and polymorphism in vitamin D receptor ( supervisor: Dr. Gholamreza Asadikaram)

***phD. Thesis*** Preparation and in vitro evaluation of photodynamic therapy of anti EGFRvIII targeted curcumin loaded PLGA nanoparticles (supervisor: Dr. Maliheh Paknejad).

**Publications:**

1. Nazari A, Jamali Z, Soltani N, Khalili P, Esmaili-nadimi A, Kahnoji M, Abbasifard M, Vazirinejad R, Ayoobi F. Kidney stone and risk of cardiovascular diseases: a cross-sectional study in the southeast of Iran. *BMC nephrology*. 2025 Feb 25;26(1):101.
2. Gholami Z, Heidari S, Raieszadeh M, Madahian A, Ayoobi F, Vakilian A, Jamali Z, Sadeghi T. The Effect of Jollab Beverage on Fatigue and Happiness in Patients with Multiple Sclerosis: A Triple-Blind Randomized Clinical Trial. *Traditional and Integrative Medicine*. 2025 Mar 10:30-7.
3. Pourmasumi S, Khalili P, Jamali Z, Nadimi AE, Hakimi H, Falahati-pour SK, Vakilian A, Naderi M, Ahmadi Z, Vazifeshenas MR, Nazari A. Association between pesticide exposure

- and ischemic heart disease among adults who took part in the Rafsanjan cohort study. *Journal of Clinical and Translational Research*. 2025 Feb 3;11(1):15-26.
4. Pourmasumi S, Ayoobi F, Khalili P, Davarani MK, **Jamali Z**, Kazemipour S, Vatanparast M. The Relationship of Demographic and Socio-economic Factors with Fertility Attitudes in the Married Couples. *Journal of Midwifery & Reproductive Health*. 2024 Oct 1;12(4).
  5. Vakilian A, Khalili P, **Jamali Z**, Moghadam-Ahmadi A, Jalali N, Mohamadi M, Pakzadmoghadam SH, Ayoobi F. The relationship between pesticide exposures and primary headaches in adults: A cross-sectional study based on Rafsanjan cohort study. *Preventive Medicine Reports*. 2024 Jan 22;38:102621.
  6. Ayoobi F, Khalili P, **Jamali Z**, Moghaddam SE, Sardari F, Vakilian A. Association between DMFT and primary headaches: a study based on the Rafsanjan cohort study. *BMC Oral Health*. 2024 Jan 4;24(1):21.
  7. Kazemi M, Khalili P, Hasani H, Chavoshian F, Jalali Z, Hadavi M, Vecchia CL, **Jamali Z**. Paternal addiction to cigarettes, alcohol, and opium and the psychological distress of their youths in southeast Iran. *Scientific Reports*. 2024 Dec 28;14(1):30861.
  8. **Jamali Z**, Ayoobi F, Jalali Z, Bidaki R, Lotfi MA, Esmaeili-Nadimi A, Khalili P. Metabolic syndrome: a population-based study of prevalence and risk factors. *Scientific Reports*. 2024 Feb 17;14(1):3987.
  9. Vatankhah H, Ahmadiania H, Asadikaram M, Rezaei B, Rezaeian M, **Jamali Z**. The prevalence of Congenital Hypothyroidism in Rafsanjan in Southeast Iran During 2017-2019. *Journal of Occupational Health and Epidemiology*. 2024:0-.
  10. Rezaeian M, **Jamali Z**, Javadi Z, Taherifard A, Khalili P. Investigation of the trend and related factors of suicide attempts and suicide deaths in southeast Iran during 2018–2022. *Scientific reports*. 2024 May 29;14(1):12298.
  11. Najjar M, Khalili P, Ayoobi F, Rezaei Poor M, Vatankhah H, Pourmirzaei Olyaei H, Vazirinejad R, **Jamali Z**. Dietary antioxidants and hypertension among menopausal women in Rafsanjan Cohort Study. *Scientific Reports*. 2024 Jun 3;14(1):12703.
  12. **Jamali Z**, Khalili P, Ayoobi F, Vatankhah H, Esmaeili-Nadimi A, Ranjbar FE, Vatanparast M. Type of menopause, age of menopause and cardiovascular disease: a cross-sectional study based on data from Rafsanjan cohort study. *BMC Women's Health*. 2024 Nov 26;24(1):626.

13. Total Antioxidant Capacity and Total Oxidant Status and Disease Severity in a Cohort Study of COVID-19 Patients. Ali Esmaeili-Nadimi, Fatemeh Imanparast, Samira Alizadeh, Akram Vatannejad, Pegah Mohaghegh, Seyed M. Seyedmehdi , Carlo La Vecchia , **Zahra Jamali**. clinical laboratory.2023.
14. The Trend of Low Birth Weight and Its Correlation with Inflation Rate from 2016 to 2021 in Rafsanjan. **Zahra Jamali**, Batool Rezaei, Fatemeh Ayoobi, Reza Vazirinejad, Parvin Khalili. Journal of Occupational Health and Epidemiology.2023.
15. Aspartate aminotransferase to platelet ratio index (APRI) before and after treatment of chronic hepatitis C patients with Sofosbuvir/Daclatasvir. Mohammad Javad Pourgholamali, Parvin Khalili, Vahid Mirzaei, **Zahra Jamali**, Afshin Tahmasbi. Hepatitis monthly.2023.
16. Serum liver enzymes and metabolic syndrome from the Rafsanjan Cohort Study. Parvin Khalili, Fatemeh Ayoobi, Firoozeh Kahkesh pour, Ali Esmaeili-Nadimi, Mitra Abassifard, Carlo La Vecchia, **Zahra Jamali**. Journal of Investigative Medicine.2023.
17. Prevalence of early and late menopause and its determinants in Rafsanjan cohort study. Hajar Vatankhah, Parvin Khalili, Mahboubeh Vatanparast, Fatemeh Ayoobi, Ali Esmaeili-Nadimi, **Zahra Jamal**. scientific reports.2023.
18. investigation of the relationship between sleep-related parameters and metabolic syndrome (MetS) among youths in the Southeast of Iran. Majid Kazemi, Parvin Khalili, Mahsa Kazemi, Hadi Hasani, Marjan Sadeghi, **Zahra Jamali**. Diabetology & Metabolic Syndrome.2023.
19. Oral candidiasis and cigarette, tobacco, alcohol, and opium consumption in Rafsanjan, a region in the southeast of Iran. Parvin Khalili, Atekeh Movagharipoor, Farimah Sardari, Fatemeh Movaghari Pour, **Zahra Jamali**. BMC Oral Health.2023.
20. Dyslipidemia, diabetes and periodontal disease, a across-sectional study in Rafsanjan, a region in southeast Iran. Fatemeh Ayoobi, Somaye Salari Sedigh, Parvin Khalili, Zeinab Sharifi, Hamid Hakimi, Farimah Sardari, **Zahra Jamali**. BMC Oral Health.2023.
21. Dietary Antioxidants and Liver Enzymes in Rafsanjan, a Region in Southeast Iran. Morteza Khademalhosseini, Elham Ranjbar, Rezvan Mohammadi, Parvin Khalili, Mahya Mehran, Nazanin Jalali, Zohreh Rajabi, **Zahra Jamali**.scientific reports.2023.
22. Single-Field Fundus Photography for Screening of Diabetic Retinopathy: The Prevalence and Associated Factors in a Population-Based Study. Mohammadreza Soleimani. Fateme

- Alipour. Yousef Taghavi. Marjan Fatemipour, Hamid Hakimi, **Zahra Jamali**, Parvin Khalili, Fatemeh Ayoobi. Maryam Sheikh. Roya Tavakoli. Amin Zand. Diabetes Therapy.2023
23. The prevalence and associated factors of overweight/obesity and abdominal obesity in South-eastern of Iran: a cross-sectional study based on Rafsanjan cohort study. Tabandeh Sadeghi, Narjes Soltani, **Zahra Jamali**, Fatemeh Ayoobi, Parvin Khalili, Ali Shamsizadeh, Mostafa Nasirzadeh, Ali Esmaeili Nadimi, Carlo La Vecchia and Zahra Jalali, BMC Public Health.2023.
  24. Sleep duration, hypnotic drug use, and risk factors: cross- sectional study. Nazanin Jalali, Parvin Khalili, **Zahra Jamali**, Zahra Jalali, Amir Moghadam-Ahmadi, Alireza Vakilian, Fatemeh Ayoobi.scientific reports.2023.
  25. Association between metabolic syndrome and stroke: a population-based cohort study. Amir Moghadam-Ahmadi, Narjes Soltani, Fatemeh Ayoobi, **Zahra Jamali**, Tabandeh Sadeghi, Nazanin Jalali, Alireza Vakilian, Mohammad Amin Lotfi, Parvin Khalili BMC Endocrine Disorders.2023.
  26. Association between DMFT and Primary Headaches: a study based on Rafsanjan cohort study. Fatemeh Ayoobi, Parvin khalili, **Zahra Jamali**, Sogand Esmaeil Moghaddam, Farimah Sardari, Alireza Vakilian. BMC oral health.2023.
  27. The profile of Oral Health Branch of Rafsanjan Cohort Study (OHBRCS) in Rafsanjan City, southeast of Iran. Farimah Sardari, Zeinab Sharifi, Somaye Salari Sedigh, Parvin Khalili, **Zahra Jamali**, Fatemeh Ayoobi, Ali Esmaeili nadimi, Yasaman Mohammadi Kamalabadi, Tabandeh Sadeghi, Zahra Jalali, Ali Shamsizadeh, Ehsan Vosoughi, Atekeh Movagharipoor, Zahra Tavakolinejad, Nazanin Kamyab, Najmeh Mollaie, Negar Salehi, Alireza Vakilian, Jafar Ahmadi, Mitra Abbasifard, Hamid Hakimi. Preventive Medicine Reports. 2023.
  28. Evaluation of Relationship between Serum Liver Enzymes and Hypertension: A Cross-Sectional Study Based on Data from Rafsanjan Cohort Study. Parvin Khalili SaeedehAbdollahpoor , Fatemeh Ayoobi , Alireza Vakilian. Hamid Hakimi, Zohreh Rajabi, **Zahra Jamali**, International Journal of Hypertension.2022

29. Serum liver enzymes and diabetes from the Rafsanjan cohort study. Mojgan Noroozi Karimabad, Parvin Khalili, Fatemeh Ayoobi, Ali Esmaeili-Nadimi, Carlo La Vecchia, **Zahra jamali**, BMC Endocrine Disorders,2022.
30. Hormonal Fluctuations and Periodontal Status in Postmenopausal Women. Mehrad Rafiei Somayeh Salarisedigh, Parvin Khalili, **Zahra Jamali**, Farimah Sardari, International Journal of Dentistry.2022.
31. Prevalence of dyslipidemia and its association with opium consumption in the Rafsanjan cohort study. **Zahra Jamali**, Mojgan Noroozi Karimabad, Parvin Khalili, Tabandeh Sadeghi, Ahmadreza Sayadi, Faegheh Mohammadakbari Rostamabadi, Carlo La Vecchia & Ali Esmaeili-Nadimi, scientific reports.2022.
32. Risk factors of kidney stone disease: a cross-sectional study in the southeast of Iran. Parvin Khalili, **Zahra Jamali**, Tabandeh Sadeghi, Ali Esmaeili-nadimi, Maryam Mohamadi, Amir Moghadam-Ahmadi, Fatemeh Ayoobi, Alireza Nazari. BMC Urology.2021.
33. **Zahra Jamali**, Mehdi Khoobi, Sedigheh Marjaneh Hejazi, Neda Eivazi, Saeideh Abdolahpour, Fatemeh Imanparast, Hemen Moradi-Sardareh, Maliheh Paknejad. Evaluation of Targeted Curcumin (CUR) loaded PLGA Nanoparticles for in vitro Photodynamic Therapy on Human Glioblastoma Cell Line. Photodiagn. Photodyn. Ther. 2018.
34. **Zahra Jamali**, Sedigheh Marjaneh Hejazi, Seyed Mohsen Ebrahimi, Hemen Moradi-Sardareh, Maliheh Paknejad. Effects of LED-Based photodynamic therapy using red and blue lights, with natural hydrophobic photosensitizers on human glioma cell line. Photodiagn. Photodyn. Ther. 2018.
35. Saeideh Abdolahpour, Nejat Mahdieh, **Zahra Jamali**, Abolfazl Akbarzadeh, Tayebeh Toliyat,Maliheh Paknejad. Development of doxorubicin-loaded nanostructured lipid carriers: preparation, characterization, and in vitro evaluation on mcf-7 cell line. BioNanoSci.2017.
36. Hamid Ostadebrahimi, **Zahra Jamali**, Mahmood Nazari, Mina Bahri, Zahra Farahmandnia, Behjat Kalantary Khandany, Mohsen Taheri,Hossein Khorramdelazad, Elham Hakimizadeh, Farhad Zaker, Mohsen Rezaeian, Gholamhossein Hassanshahi. CXC Chemokines CXCL1, CXCL9, CXCL10 and CXCL12 are Variably Expressed in Patients

with Sickle Cell Disease and Carriers: Are They Predictive Tools for Disease Complications? Clin Lab. 2014.

37. Gholamreza Asadikaram, Somayeh Igder, **Zahra Jamali**, Hamid Najafipour, Abdollah Jafarzadeh, Mohammad Kazemi arababadi. Effects of different concentrations of opium on the secretion of IL-6, IFN- $\gamma$  and TGF- $\beta$  cytokines from Jurkat cells. Addict Health. 2014.
38. Zahra Jamali, Mohammad Kazemi Arababadi, Gholamreza Asadikaram. Serum levels of IL-6, IL-10, IL-12, IL-17 and IFN- $\gamma$  and their association with markers of bone metabolism in vitamin D-deficient female students. Inflammation. 2013.
39. Zahra Jamali, Gholamreza Asadikaram, Mehdi Mahmoodi, Ahmadreza Sayadi, Ahmad Jamalizadeh, Masoud Saleh-Moghadam, Majid Sirati-Sabt, Mohammad Kazemi Arababadi. Vitamin D Status in Female Students and its Relation to calcium Metabolism Markers, Lifestyles and Polymorphism in Vitamin D Receptor. Clin Lab. 2013.
40. Zahra Jamali, Mahmood Nazari, Hossein Khoramdelazad, Elham Hakimizadeh, Mehdi Mahmoodi, Mojgan Noroozi Karimabad, Gholamhossein Hassanshahi, Mohsen Rezaeian, Parisa Balaei, Shokoofeh Darakhshan, Nahideh Masood Poor. Expression of CC chemokines CCL2, CCL5 and CCL11 is associated with duration of disease and complications in type-1 diabetes: a study on Iranian diabetic patients. Clin Lab. 2013.
41. Elham Hakimizadeh, Mahmood Nazari, Mohsen Rezaeian, Reza Vazirinejad, Mohammad Kazemi Arababadi, Ali Shamsizadeh, Zahra Jamali, Nahideh MasoodPoor, Parisa Balaei, Shokoofeh Darakhshan, Gholamhossein Hassanshahi. Increased circulating levels of CXC chemokines is correlated with duration and complications of the disease in type-1 diabetes: A study on Iranian diabetic patients. Clin Lab. 2013.
42. Farangis Fatehi, Mohammad Mohsen Taghavi, Gholam Hossein Hasanshahi, Ebrahim Hoseini, Javad Hoseini, Zahra Jamali. Evaluation of Effects of Angi- Pars on Kidney, Brain and Liver Tissues of Chronic Diabetic Rats J Rafsanjan Univ Med Scie. 2013.

### **books:**

Ahmadi AM, Ayoobi F, **Jamali Z**, Yousefi-Ahmadipour A, Marotta F. Stem cells signaling pathways and surface receptors: implications for multiple sclerosis treatment. In Stem Cells and Signaling Pathways 2024 Jan 1 (pp. 271-283). Academic Press.

## **Congress:**

1. Behzadi S, Esmaeili-Nadimi A, Jamali Z, Khalili P, Ayoubi F, Masoudi P. Association Between the Type of Household Fuel and the Prevalence of Some Respiratory and Cardiovascular Diseases in the Adult Population of Rafsanjan. Iranian biomedical journal. 2024 Dec 1;28(7):188-.
2. Preparation and in vitro evaluation of photodynamic therapy of anti EGFR targeted curcumin loaded PLGA nanoparticles (16th National Congress of Biochemistry & 7<sup>th</sup> International Congress of Biochemistry & Molecular Biology, Tehran, 2020).
3. 6th international congress of Laboratory and Clinic, Tehran, 2014.
4. Evaluation of CXC chemokines CXCL1, CXCL9, CXCL10 and CXCL12 are in SCD patients (11<sup>th</sup> international congress of Immunology and allergy, Tehran, 2012)
5. Serum level of IL-10 cytokine in 11-17 years old girls with vitamin D deficiency and control group (4<sup>th</sup> international congress of Biochemistry, Mashhad, 2011)
6. Vitamin D status among female students aged 11-17 years in Rafsanjan during of winter of 2009. (11<sup>th</sup> Iranian congress of Biochemistry, Qazvin, 2011)

## **Technical Skills:**

- SDS-PAGE, Western blot
- Cell Culture
- ELISA
- PCR, RT-PCR
- DNA and RNA extraction

## **Workshops Participated:**

- Safety officer
- HPLC
- EndNote
- SPSS
- Nanotechnology
- Research methods
- Primer Designing

- Eliza
- PCR and Real time PCR

**Referees:**

**Dr. Gholamreza Asadikaram**

Dept. of Clinical Biochemistry.

Faculty of Medicine,

Kerman Medical Science University (KMU)

TEL: 09131406916

**Dr. Maliheh Paknejad**

Dept. of Clinical Biochemistry.

Faculty of Medicine,

Tehran University of Medical Science (TUMS)

TEL: 09122979348

**Prof. Mahmood Doosti**

Dept. of Clinical Biochemistry.

Faculty of Medicine,

Tehran University of Medical Science (TUMS)

TEL: 021-64053265