

CURRICULUM VITAE



Academic Position: Assistant Professor in Epidemiology
2023

Personal information

Name: Ebrahim Babaei
Date of birth: 27/1/1981
Nationality: Iranian
Organization: Iran University of Medical Sciences (IUMS)
School: Medicine

Department:

Community & Family Medicine. Preventive Medicine and Public Health research Center.
<https://pmpm.iums.ac.ir/>

Address:

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Academic Affiliation

Assistant Professor of Epidemiology, Preventive Medicine and Public Health Research Center, Psychosocial Health Research Institute, Department of Community and Family Medicine, School of Medicine, Iran University of Medical Sciences, Tehran, Iran

Scientific output:

Google Scholar:

https://scholar.google.com/citations?user=kh_kR8gAAAAJ&hl=en

Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=57217157164>

ORCID:

0000-0001-7969-9122

Academic and Professional Qualifications:

2005: B.S in Public health, Shahid Beheshti University of Medical Sciences, Iran

2015: M.Sc. in Epidemiology Hamadan University of medical sciences, Iran

2019: PhD in Epidemiology Iran University of Medical Sciences, Iran

2022: Faculty member of Iran university of medical sciences

Administrative Responsibilities:

- 1) Head of Unit of CDC of the Health Network, Shahid Beheshti University of Medical Sciences, Iran
- 2) Coordinator of STEPS (National project of risk factors of non-communicable diseases), Shahid Beheshti University of Medical Sciences, Iran
- 3) Public Health Researcher, Iran University of Medical Sciences, Iran
- 4) Executive Cohort Director of Early and Late Complications of covid-19, Iran University of Medical Sciences, Iran
- 5) . Coordinator of Covid-19 vaccination, Shahid Beheshti University of medical sciences, Iran
- 6) 4. Coordinator of Covid-19 surveillance, Shahid Beheshti University of medical sciences, Iran
- 7) Research assistant of the vaccine research center of Iran university of medical sciences.

- 8) Methodologist and member of the research team of Rasoul Akram (peace be up on him) hospital, Tehran
- 9) Member of the STI Committee of the Ministry of Health

Teaching History:

- 1) Basic Epidemiology, Shahid Beheshti University of Medical Sciences, Iran
- 2) Medical Statistics, Shahid Beheshti University of Medical Sciences, Iran
- 3) Prevalent and communicable diseases, Shahid Beheshti University of Medical Sciences, Iran
- 4) Public Health, Shahid Beheshti University of Medical Sciences, Iran
- 5) Epidemiology, Iran University of Medical Sciences, Iran
- 6) Research Method, Iran University of Medical Sciences, Iran
- 7) Epidemiology, Biostatistics, international unit of Iran university of medical sciences (Pardis)

Scientific Conferences:

1. Third International Congress and 7th Brucellosis National Congress. Shahid Beheshti University of medical sciences, Iran
 - a. Antibiotic therapy shortages of brucellosis and epidemiology: Tehran - Pakdasht, Iran
 - b. (Frist rank article as a poster)
2. First Iranian Social Medicine Congress. Tehran University of medical sciences, Iran
 - a. How much excess body weight, blood sugar, or age can double the risk of hypertension? (Oral)
3. 12th international breast cancer congress- February 22-24, 2017, Tehran, Iran
 - a. Breast cancer survival analysis based on immunohistochemistry subtypes (ER/PR/HER2): (Oral)

4. THE 23rd IRANIAN CONGRESS ON INFECTIOUS DISEASES AND TROPICAL MEDICINE .12-16 Jan.2015, Iran
 - a. Animal Bite incidence and Shortage in Rabies Post-Exposure Prophylaxis, from April 2006 to March 2012, Iran-Tehran. (Poster)
5. 1st International World Rabies Day Seminar 2014- Tehran, Iran
 - a. Animal Bite incidence and Shortage in Rabies Post-Exposure Prophylaxis, from April 2006 to March 2012, Iran-Tehran. (Poster)
6. The National congress of Brucellosis in Human and Livestock, Hamedan University of medical Sciences: 2018, Guideline adherence of physicians to treatment brucellosis: Tehran – 2018 (Oral), Iran
7. The 2nd Community medicine congress on non-communicable diseases prevention and control 2019, which factors can raise the risk of hypertension to double? Tehran, Iran – 2019 (Oral).
8. 12Th Annual International Addiction Science Congress, September 2018
MIGRATION AND DRUG USE IN FEMALE SEX WORKERS: USE OF HARD-TOREACH POPULATION SAMPLING TECHNIQUES (Oral), Iran
9. 17th St.Gallen International Breast Cancer Conference 2021, Austria
 - a. Intraoperative radiation therapy or external whole-breast irradiation, which is more effective in controlling the local recurrence of breast cancer? A Weibull regression model.
 - b. The Effects of Prognostic Factors on Metastasis and Survival of Patients with Breast Cancer Using a Multi-State Model
10. 6th international cancer congress, May 2023; Immediate single stage implant-based breast reconstruction with or without TIGR mesh in Iranian patients undergoing mastectomy: A quasi experimental study

Resent Publication as a Corresponding:

1- Breast cancer survival analysis based on immunohistochemistry subtypes (ER/PR/HER2): a retrospective cohort study.

Impact factor: 0.996 Index: ISI/PubMed Authors: 6 Role: Corresponding

2- How much excess body weight, blood sugar, or age can double the risk of hypertension?

Impact factor: 1.77 Index: ISI/PubMed Authors: 5 Role: Corresponding

3- Mapping geographical inequalities in childhood diarrheal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017

Impact factor: 60.390 Index: ISI/PubMed Authors: > 8 Role: Author

4- How Much Hypertension is attributed to Overweight, Obesity, and Hyperglycemia Using Adjusted Population Attributable Risk in Adults?

Impact factor: 1.13 Index: ISI/PubMed Authors: 5 Role: First Author

5- Animal bite and deficiencies in rabies post-exposure prophylaxis in Tehran, Iran

Impact factor: 1.1 Index: ISI/PubMed Authors: 4 Role: Corresponding

6- Mapping local patterns of childhood overweight and wasting in low-and middle-income countries between 2000 and 2017

Impact factor: 36.130 Index: ISI/PubMed Authors: >8 Role: Author

7- The global distribution of lymphatic filariasis, 2000–18: a geospatial analysis

Impact factor: 21.597 Index: ISI/PubMed Authors: >8 Role: Author

8- Geo-epidemiological reporting and spatial clustering of the 10 most prevalent cancers in Iran

Impact factor: 1.078 Index: ISI/PubMed Authors: 6 Role: First Author

9- Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000–17

Impact factor: 21.597 Index: ISI/PubMed Authors: >8 Role: Author

10- Comparing the Outcome of Boost Dose of Intraoperative Radiotherapy with Electron (IOERT) and Low-kV X-Ray (IOXRT) and External Beam Radiotherapy (EBRT) in Breast Cancer

Impact factor: 0 Index: ISI (ESCI), Scopus Authors: 6 Role: Author

11- 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

Impact factor: 60.390 Index: ISI/PubMed Authors: >8 Role: Author

12- Five insights from the global burden of disease study 2019

Impact factor: 60.390 Index: ISI/PubMed Authors: >8 Role: Author

13- Effects of IORT and EBRT methods on local recurrence control in breast cancer patients using Weibull regression model

Impact factor: 3.754 **Index: ISI/PubMed** **Authors: 3** **Role: First Author**

14- Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000–17

Impact factor: 21.597 **Index: ISI/PubMed** **Authors: >8** **Role: Author**

15- Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017 A Systematic Analysis for the Global Burden of Disease Study

Impact factor: 24.799 **Index: ISI/PubMed** **Authors: >8** **Role: Author**

16- The effects of prognostic factors on metastasis and survival of patients with breast cancer using a multi-state model

Impact factor: 0 **Index: ISI (ESCI), Scopus** **Authors: 3** **Role: First Author**

17- 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

Impact factor: 60.390 **Index: ISI/PubMed** **Authors: >8** **Role: Author**

18- Mapping 123 million neonatal, infant and child deaths between 2000 and 2017

Impact factor: 42.779 **Index: ISI/PubMed** **Authors: >8** **Role: Author**

19- Intraoperative radiation therapy or external whole-breast irradiation, which is more effective in controlling the local recurrence of breast cancer? A Weibull regression model

Impact factor: 1.991 **Index: ISI (ESCI), Scopus** **Authors: 3** **Role: First Author**

20- Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019

Impact factor: 60.390 **Index: ISI/PubMed** **Authors: >8** **Role: Author**

21- Domestic violence challenge and COVID-19 pandemic

Impact factor: 0 **Index: Scopus, PubMed** **Authors: 2** **Role: First Author**

22- 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

Impact factor: 60.390 **Index: ISI/PubMed** **Authors: >8** **Role: Author**

23- Early estimation of the epidemiological parameters of novel coronavirus disease (COVID-2019) outbreak in Iran: 19 Feb-15 March, 2020

Impact factor: 0 **Index: Scopus, PubMed** **Authors: 8** **Role: Author**

24- Evaluating the impact of results-based motivating system on noncommunicable diseases risk factors in Iran: Study protocol for a field trial

Impact factor: 0 **Index: Scopus, PubMed** **Authors: 7** **Role: Author**

25- Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000-17: analysis for the Global Burden of Disease Study 2017

Impact factor: 60.390 Index: ISI/PubMed Authors: >8 Role: Author

26- Early Cessation of Breastfeeding and Determinants: Time to Event Analysis

Impact factor: 0 Index: Scopus, PubMed Authors: 5 Role: First Author

27- Stillbirth in Iran and associated factors (2014-2016): A population-based study

Impact factor: 0 Index: Scopus, PubMed Authors: 7 Role: Author

28- Population-Based Approaches to Prevent Domestic Violence against Women Using a Systematic Review

Impact factor: 0 Index: Scopus, PubMed Authors: 5 Role: First Author

29- Domestic violence challenge and COVID-19 pandemic

Impact factor: 1.4 Index: Scopus, PubMed, ISI Authors: 2 Role: First Author

30- Bullying and Being Bullied; How Much Can It Increase the Risk of Depression and Anxiety in Students? A Multilevel Fixed-effect Model Analysis

Impact factor: 0 Index: Scopus, PubMed Authors: 5 Role: First Author

31- Adverse effects following COVID-19 vaccination in Iran

Impact factor: 3.4 Index: Scopus, PubMed, ISI Authors: 7 Role: First Author

32- The effect of community-based intervention packages on common metabolic risk factors for non-communicable diseases: a field trial study

Impact factor: Index: Scopus, PubMed, ISI Authors: 7 Role: Author

33- Effectiveness of pay for performance to non-physician health care providers: A systematic review

Impact factor: 2.98 Index: Scopus, PubMed, ISI Authors: 8 Role: Author

34- Effectiveness of a result-based motivational system to reduce the behavioral risk factors of Non-Communicable Diseases: A Field Trial Study

Impact factor: 2.58 Index: Scopus, PubMed, ISI Authors: 7 Role: Author

35- Managing Metabolic Risk Factors of Non-Communicable Diseases: A Field Trial

Impact factor: Index: Scopus, PubMed, ISI Authors: 7 Role: Author

36- The impact of intraoperative radiotherapy on breast cancer: focus on the levels of angiogenic factors

Impact factor: 2.78 Index: Scopus, PubMed, ISI Authors: 7 Role: Author

37- The effect of community-based intervention packages on common metabolic risk factors for non-communicable diseases: a field trial study

Impact factor: Index: Scopus, PubMed, ISI Authors: 8 Role: Author

38- Motivating non-physician health workers to reduce the behavioral risk factors of non-communicable diseases in the community: a field trial study

Impact factor:2.5 Index: Scopus, PubMed, ISI Authors: 8 Role: Author

39- Estimates, trends, and drivers of the global burden of type 2 diabetes attributable to PM2.5 air pollution, 1990–2019: an analysis of data from the Global Burden of Disease ...

Impact factor: 202 Index: Scopus, PubMed, ISI Authors: >10 Role: Author

Articles reviewing Experience:

- 1) Paper reviewer, from 2015 (middle east journal of cancer)

**Middle East Journal of Cancer
Certificate of Reviewing**

Awarded to: **Dr. Ebrahim Babaee**

For participating as reviewer of 11 submissions in the peer review process for Middle East Journal of Cancer.

Ahmad Mosalaei, MD

Editor-in-Chief of Middle East Journal of Cancer

Grants from National Institute for Medical Research Development (NIMAD):

Research Titles:

1. Population-Based Approaches to Prevent Domestic Violence against Women Using a Systematic Review, Tehran, Iran
2. Bullying and being bullied, how much can increase the risk of depression and anxiety in students? A multilevel fixed-effect model analysis, Tehran, Iran
3. Geo-Epidemiological Reporting and Spatial Clustering of First 10 Prevalent Cancers in Iran, Tehran, Iran

Grants from University and Medical Research centers:

Research Titles:

1. Explaining the causes of stigma and discrimination in providing services to HIV-positive patients by health care providers: A qualitative study, Tehran, Iran (**Co-worker**)
2. Investigation of geographical pattern and factors related to death of premature infants, Tehran, Iran (**Co-worker**)
3. Survey of side effects and other consequences of Covid 19 vaccine in the vaccinated population, Tehran, Iran (**Primary Investigator**)
4. Investigating the types of domestic violence (child abuse) and related factors, case series, Tehran, Iran (**Primary Investigator**)
5. Investigation of high-risk behaviors in injecting drug users and related social components, Tehran, Iran (**Co-worker**)
6. Determining the factors affecting the continuation of breastfeeding in children under 2 years old, Tehran, Iran (**Primary Investigator**)
7. Determining the contribution of obesity, abdominal obesity and type 2 diabetes in the incidence of hypertension in the population over 30 years, Tehran, Iran (**Primary Investigator**)
8. Evaluation of overall survival rate and 10-year disease-free survival rate of breast cancer patients (**Co-worker**)
9. Evaluation of the cost-effectiveness of vaccination of individuals bitten by vaccinated pets against rabies (**Primary Investigator**)
10. Predicting the mortality of patients with nosocomial infection using machine learning methods (**Primary Investigator**)
11. Investigating and comparing the effectiveness of intraoperative electron beam therapy (EIORT) and external beam radiation therapy (EBRT) on tumor recurrence control in breast cancer patients: a systematic review and meta-analysis (**Primary Investigator**)

12. Investigating the expression of T-bet, GATA3, ROR γ t and FoxP3 transcription factors in peripheral blood lymphocytes and tumor draining lymph nodes in breast cancer patients and its relationship with disease parameters (**Co-worker**)
13. Hospital death report of patients with covid-19 based on 6 peaks in Iran (**Co-worker**)
14. Compilation of a comprehensive care system plan for the management and control of human papilloma virus in Iran (**Co-worker**)
15. Investigating the effect of increased left ventricular mass on left ventricular function and global longitudinal strain in dialysis-dependent kidney patients (**Co-worker**)
16. Presenting a diabetes diagnosis and prediction model using machine learning and data mining algorithms (**Primary Investigator**)
17. Determining the effect of using artificial intelligence to replace the doctor (AI Powered Physician) in the diagnosis, treatment and prognosis of disease - a systematic review study (**Primary Investigator**)
18. A 5-year cohort study investigating the complications of covid 19 in Tehran in 1401 - pilot phase (**Co-worker**)

Work shop teaching ability:

1. Epidemiology
2. Data Analysis (Preferred: Survival Analysis)
3. Research Method

Soft war ability:

1. STATA
2. SPSS
3. GIS
4. R