# Leila Molaeipour

## M.Sc., Ph.D. in Epidemiology

**CURRICULUM VITAE**

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# Dr. Leila Molaeipour; MSc, PhD

**Assistant Professor of Epidemiology at Guilan University of Medical Sciences.**

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## *Profiles on Social Networks*

**Scopus Profile**

**Google Scholar**

**Publons**

**ResearchGate**

**LinkedIn**

## *Academic Qualifications*

- **2017-2023:** Ph.D. Degree in Epidemiology, School of Public Health, Iran University of Medical Sciences.
- **2012-2015:** M.Sc. Degree in Epidemiology, School of Public Health, Hamadan University of Medical Sciences.
- **2005-2009:** B.Sc. Degree in Public Health, School of Public Health, Kashan University of Medical Sciences.

## *Theses*
- PhD: Factors affecting COVID-19 preventive health behaviors: A moderated mediation approach.
- MSc: Long-term survival analysis of patients with HIV/AIDS, in Tehran, Iran, from 2004 to 2013.
- BS: The role of coping strategies and beliefs related to pain in the rate of migraine disability in 2008-2009.

# *Publication*

1. Simani L, **Molaeipour L\***, Kian S, Leavitt VM. Correlation between cognitive changes and neuroradiological changes over time in multiple sclerosis: a systematic review and meta-analysis. Journal of Neurology. 2024 Jun 18:1-21. (IF:4.8)

2. Solaymani-Dodaran M, Kalantari S, Banihashemi SR, Es-Haghi A, Nofeli M, Mohazzab A, Mokhberalsafa L, Sadeghi F, Mokaram AR, **Molaeipour L**, Moradi MH, Razaz SH. Safety and efficacy of RCP recombinant spike protein covid-19 vaccine compared to Sinopharm BBIBP: A phase III, non-inferiority trial. Heliyon. 2024 Mar 15;10(5). (IF:3.4)

3. Mehraeen E, Yarmohammadi S, Mirzapour P, Zadeh SS, Dehghani S, **Molaeipour L**, Molla A, Karimi E, Abbaspour F, SeyedAlinaghi S. Treatments for Olfactory Dysfunction in COVID-19: A Systematic Review. International Archives of Otorhinolaryngology. 2024 May 25. (IF:1.1)

4. The increasing antimicrobial resistance of Shigella species among Iranian pediatrics: a systematic review and meta-analysis. Amirhossein Baharvand , **Leila Molaeipour** , Sogol Alesaeidi , Reyhane Shaddel , Noushin Mashatan , Taghi Amiriani , Melika Kiaei Sudkolaei , Sara Abbasian , Bashar Zuhair Talib Al-Naqeeb , Ebrahim Kouhsari. Pathog Glob Health. 2023. (IF: 3.735).

5. Monitoring of the COVID-19 Vaccine Acceptance Trend in Iranian Adults and Its Determinants**. Leila Molaeipour**, Ahmad Hajebi, Masoud Salehi, Mohammad Hossein Taghdisi, Leila Janani, Hajar Nazari , Neda Esmailzadehha, Fatemeh verse, Cornelia Betsch, and Seyed Abbas Motevalian. Archives of Iranian Medicine. 2023. (IF: 3.138).

6. Risk Perception, Trust, and Personal Protective Behaviors mediate the association between COVID-19 knowledge and physical distancing. **Leila Molaeipour**, Ahmad Hajebi, Masoud Salehi, Mohammad Hossein Taghdisi, Tofigh Mobaderi, and Seyed Abbas Motevalian. Med J Islam Repub Iran. 2023. (IS:1.71). [Accepted].

7. The association between current smoking and binge drinking among adults: A systematic review and meta-analysis of cross-sectional studies. **Leila Molaeipour**, Maryam Ghalandari, Hajar Nazari Kangavari, Zeinab Alizadeh, Elahe Jafari, Fatemeh Gholami, Neda Ghahremanzadeh, Shiva Safari, Vahideh Mohseni, Masoumeh Shahsavan, Seyed Abbas Motevalian. Frontiers in Psychiatry. 2022. (IF=4.157).

8. COVID-19 Population Survey of Iran (COPSIR) study protocol: A repeated survey on knowledge, risk perception, preventive behaviors, psychological problems, essential needs, and public trust during COVID-19 epidemic.  Leila Janani,Ahmad Hajebi, Hajar Nazari , Neda

Esmailzadehha , **Leila Molaeipour** , Fatemeh Varse , Mehrdad Eftekhar , Cornelia Betsch, and Seyed Abbas Motevalian. Med J Islam Repub Iran. 2020. (IS:1.71)

9. Global Status of Phenotypical Pyrazinamide Resistance in Mycobacterium tuberculosis Clinical Isolates: A Systematic Review and Meta-Analysis. Sergey Mironov, **Leila Molaeipour** , Abbas Maleki, and ebrahim Kouhsari. Annals of Clinical Microbiology and Antimicrobials. 2022. (IS:3.89). <u>(Under Review).</u>

10. Antibiotic Heteroresistance in mycobacterium tuberculosis isolates: A systematic review and meta-analysis. Mao Ye, Wen Yuan, **Leila Molaeipour**, Khalil Azizian, Alireza Ahmadi and Ebrahim Kouhsari. Ann Clin Microbiol Antimicrob. 2021. (IF: 3.89).

11. Antimicrobial resistance in Clostridioides (Clostridium) difficile derived from humans: a systematic review and meta-analysis. Mohammad Sholeh , Marcela Krutova , Mehdi Forouzesh , Sergey Mironov , Nourkhoda Sadeghifard , **Leila Molaeipour** , Abbas Maleki, and ebrahim Kouhsari. Antimicrobial Resistance and Infection Control. 2020.(IS:4.51)

12. The Study of Feasibility and Acceptability of using HIV Self-Tests in High-Risk Iranian Populations (FSWs, MSM, and TG Populations): A Cross-Sectional Study. Ghobad Moradi, Elnaz Ezzati Amini, Azam Valipour, Katayoon Tayeri, Parvin Afsar Kazerooni, **Leila Molaeipour**, Yousef Moradi. BMC. Hurm Reduction Journal. 2021. (IF: 4.362).

13. Seroprevalence of Q fever among high-risk occupations in the Ilam province, the west of Iran. Ehsan Mostafavi, **Leila Molaeipoor**, Saber Esmaeili, Ahmad Ghasemi, Maedeh Kamalizad, Manijeh Yousefi Behzadi, Razi Naserifar, Mehdi Rohani, Abdolrazagh Hashemi Shahraki. PloS one. 2019. (IF:3.24)

14. Molecular survey of tularemia and plague in small mammals from Iran. Frontiers Microbiology. Ehsan Mostafavi, Ahmad Ghasemi, Mahdi Rohani, **Leila Molaeipoor**, Saber Esmaeili, Zeinolabedin Mohammadi, Ahmad Mahmoudi1, Mansour Aliabadian, and Anders Johansson. Frontiers in Cellular and Infection Microbiology. 2018. (IF:4.30)

15. Epidemiological survey of tularemia in Ilam Province, west of Iran. Saber Esmaeili, Ahmad Ghasemi, Razi Naserifar, Ali Jalilian, **Leila Molaeipoor**, Max Maurin, and Ehsan Mostafavi. BMC Infectious Diseases. 2019. (SJR:1.27).

16. Prevalence and risk factors for HBV and HCV in prisoners in Iran: a national bio-behavioral surveillance survey in 2015. Ghobad Moradi, Mohammad-Mehdi Gouya, Fatemeh Azimizan Zavareh, Amjad Mohamadi Bolbanabad, Sonia Darvishi, Mohammad Reza Aghasadeghi, Mahmood Nabavi, Ramin Alasvand, Mehrzad Tashakorian, Bijan Nouri, Khaled Rahmani, **Leila Molaei**. Tropical Medicine & International Health. 2018. (IF: 2.622).

17. Prevalence and Risk Factors for Hepatitis B and Hepatitis C Exposure in Iranian Prisoners: A National Study in 2016. Mohammad Mehdi Gouya Ghobad Moradi , Saeede Jafari , Bushra Zarei , Marzieh Mahboobi , Fatemeh Azimian Zavareh , **Leila Molaeipoor** , Amjad Mohamadi Bolbanabad, Sonia Darvishi , Mohammad Reza Aghasadeghi , Mehrzad Tashakorian. Hepat Mon. 2019. (IF:1.578).

18. Investigating the effectiveness of the Trigonella foenum-graecum L.(fenugreek) seeds in mild asthma: a randomized controlled trial. Majid Emtiazy, Laleh Oveidzadeh, Minoo Habibi, **Leila Molaeipour**, Daryush Talei, Mahmoud Parvin, Mohammad Kamalinejad. Allergy, Asthma & Clinical Immunology. 2018. (IF:10.793).

19. National action plan of the Islamic Republic of Iran for combating antimicrobial resistance during 2016–2021. G Moradi, MM Gouya, B Eshrati, M Mohraz, **leila Molaeipour**, B Piroozi. Medical journal of the Islamic Republic of Iran. 2018. (IF:0.98).

20. Survival rates among co-infected patients with human immunodeficiency virus/tuberculosis in Tehran, Iran. ghodratollah roshanaei, masoud sabouri ghannad,  jalal poorolajal, minoo mohraz, and **leila molaeipoor**. Iran J Public Health. 2017. (IF:1.29).

21. Predictors of Tuberculosis in HIV/AIDS Patients Referred to Behavioral Diseases Consultation Center: A Registry-Based Study in Abadan, Southwest of Iran. Salman Khazaei , **Leila Molaeipoor**, Shahab Rezaeian,  Erfan Ayubi, Mehran Yari, Ali Asghar Valipour and Somayeh Khazaei. Shiraz E Medical Journal. 2016. (IF:0.58).

**22.** Identifying the Factors Influencing the Causes of Death in HIV/AIDS Patients Using Competing Risk Model. Raziye Imani , Ghodratollah Roshanaei , Jalal Poorolajal **, Leila Molaeypoor.** Journal of Mazandaran University of Medical Sciences. 2018. [Persian].

23. Zika Fever; an Emerging Threat with International Concerns.**Leila Molaeipoor**, Ehsan Mostafavi. Veterinary journal Tabriz. 2016.

24. Trend of Smear-positive pulmonary Tuberculosis in Iran during 1995-2012: Using Segmented Regression Model.  Khazaei S, Soheilyzad M, **Molaeipoor L**, Khazaei Z, Rezaeian S, Khazaei S. International Journal of Preventive Medicine. 2016. (IF:1.555)

25. Incidence and pattern of tuberculosis treatment success rates in different levels of the human development index: a global perspective. Salman Khaza, Vali Baigi, Mohammad Saatchi, **Leila Molaeipoor**, Zaher Khazaei, Somayeh Khazaei & Owais Raza. Southern African Journal of Infectious Diseases. 2017.(IF:1.468)

26. Epidemiological Investigation of Pediatric Tuberculosis in Tehran Province, 2006-2015. **Leila Molaeipoor**, Salman Khazaei, Erfan Ayubi, Shahab Rezaeian. International Journal of Pediatrics. 2016. (IF:0.939)

27. Assessing the relation between sputum smear grading in positive pulmonary Tuberculosis patients with treatment outcome. Mehran Yari, **Leila Molaeipour**, Mohammad Reza Jafari, Ali Asghar Valipour, Salman Khazaei, Ghodratollah Roushanaei. Pajouhan Scientific Journal. 2016.

28. Epidemiological Aspects of Tuberculosis in Tehran: Findings of a Period of 9 Years. **Leila Molaeipoor**, Manoochehr Karami, Majid Akhavan Taheri, Seyedeh Mahlaga Hashemi, Roxana Batebi. Hakim Health Sys Res. 2018.

29. Predictors of Progression to AIDS and Mortality Post HIV Infection: A Long-Term Retrospective Cohort Study. Jalal Poorolajal, **Leila Molaeipoor***, Minoo Mohraz, Hossein Mahjub, Maryam Taghizadeh Ardekanid, Pegah Mirzapoure & Hanieh Golchehregane. AIDS CARE. 2015. (IF: 2.095).

30. Predictors of Tuberculosis and Human Immunodeficiency Virus Co-infection: A Case-Control Study. **Molaeipoor L**, Poorolajal J, Mohraz M, Esmailnasab N. Epidemiology and Health. 2014. (IS: 3.15).

31. National Breast Cancer Mortality and Incidence Rates According to the Human Development Index: an Ecological Study. Salman Khazaei, Shahab Rezaeian, Zaher Khazaei, **Leila Molaeipoor**, Shahrzad Nematollahi, Parvaneh Lak, Somayeh Khazaei. Advances in Breast Cancer Research (ABCR). 2015. (IF:0.78).

32. Investigating the relationship between fetus heart rate in the first-trimester screening with fetus sex. Elham Keshavarz, Elham Tavakkol, Amin Momeni Moghaddam, Mohammad Jalali, **Leila Molaeipoor** and Ali Kabir. Journal of Contemporary Medical Sciences. 2018.

33. The prevalence of ptosis and nystagmus in rural population. MK Hassan Hashemi, **Leila Molaei**, Abbasali Yekta, Mohammadreza Aghamirsalim. Journal of Current Ophthalmology. 2020. (IF:1.82).

## *Authored Books*

1. Sentinel Surveillance for hepatitis B & C in Iranian Prisons: implementation guide (Volume 1 & 2). Ramin Alasvand, **Leila Melaipour**, Mohammad Reza Aghasadeghi, Khaled Rahmani, Bijan Nouri, Fatemeh Azimian, Qabad Moradi. Andishmand Publisher. 2016. [Persian]

2. Hepatitis control and care guide in prison. Ramin Alasvand, **Leila Melaipour**, Bijan Nouri, Fatemeh Azimian, Qabad Moradi, Mohammad Reza Aghasadeghi, Khaled Rahmani. Andishmand Publisher. 2015. [Persian]

3. National Action Plan of the Islamic Republic of Iran for combating antimicrobial resistance. Ghobad Moradi. Bakhtiar Piroozi. **Leila Molaeipour**. 2017. [English, Persian]

4. A standard guide for the identification, investigation, management, and control of disease outbreaks covered by International Health Regulations (IHR) using the syndromic care system. Ehsan Mostafavi, Peyman Hemmati, Amin Dosti Irani, **Leila Melaipour**, Mohammad Nasr Dadres, Farshid Rezaei, Ketayoun Seif Farahi, Peyman Parkhami. Gap Publisher. 2019. [Persian].

## *Grants:*

1. Estimation of total direct and indirect pre-diagnostic costs of Iranian TB patients in 2022: A mixed-method study. "Call for EMR-TDR-Impact Grants 2022-2023", AP-22-00785 .

2. The relationship between smoking and alcohol consumption: a systematic review and meta-analysis. National Institute for Medical Research Development (NIMAD).

3. COVID- 19 National Survey (13-19 Waves): Monitoring awareness, perceived risk, preventative behaviors, psychological components, vaccine acceptance, need for protective and medical supplies, and public trust during the COVID-19 epidemic, (NIMAD).

4. Investigation of Influential Determinants on Receiving or Non receiving the COVID-19 Vaccine in the General Population of Iran using Random Forest Approach, (NIMAD).

## *Research Projects*

1. Presenting the model of self-care and health related quality of life in high school students of Gilan province in 2024. (GUMS).

2. Investigating the frequency types of work-related musculoskeletal disorders (truma work) in the clients of clinics and medical imaging centers in Rasht city and the factors related to them. (GUMS).

3. Investigating the prevalence of monocytosis in cancer, infectious and autoimmune patients admitted to Razi Hospital in 1403 and 1404 (GUMS).

4. Investigation of the prevalence of iron deficiency anemia in hemophilia patients based on the severity of the disease, in patients referred to razi Hospital of rasht in 1403 and 1404. (GUMS).

5. Effectiveness of auriculotherapy on occupational stress in health personnel in Hospital A randomized controlled trial (GUMS).

6. Assessment the validity and reliability of the Persian version of the Sleep Disorders Symptoms CheckList-25 (USWR).

7. Investigating health indicators of diabetes and hypertension management in the IraPEN program in the primary healthcare system of the country (SBUMS).

8. Adaptation, Implementation, and Evaluation of the HEARTS package to improve control of cardiometabolic risk factors in the primary health care system: A community-based intervention trial. (SBUMS).

9. COPSIR: Monitoring Awareness, Perceived Risk, Preventive Behaviors, Psychological Components, Essential Needs, and Public Trust During the New Coronavirus Epidemic. (IUMS).

10. COVID- 19 National Survey (9-12 Waves): Monitoring awareness, perceived risk, preventative behaviors, psychological components, vaccine acceptance, need for protective and medical supplies, and public trust during the COVID-19 epidemic, (IUMS).

11. Evaluation of definite cases of new coronavirus 2019 in hospitals of Iran University of Medical Sciences, (IUMS).

12. COVID-19 National Survey in the Elderly, (IUMS).

13. Design of interventions and validation of tools for measuring inter-sectoral cooperation in the National Program for Early Childhood Development (TAK), (IUMS).

14. Molecular evaluation of the population of dominant bacteria of intestinal microbiome flora in patients with fatty liver and its comparison with healthy individuals in Gorgan, (GoUMS).

15. Prevalence of antibiotic resistance in Shigella species: A systematic review and meta-analysis study, (GoUMS).

16. Prevalence of colistin heteroresistence among Klebsiella isolates: A systematic review and meta-analysis, (GoUMS).

17. Comprehensive study of the prevalence of fluconazole resistance in Candida albicans isolates: A systematic review and meta-analysis, (GoUMS).

18. A study of epidemiological characteristics and trend of tuberculosis in Tehran, 2004- 2013, (UMSHA).

19. Trend of brucellosis and related risk factors in Kermanshah province from 2002 to 2013, (UMSHA).

20. Investigating the role of coping strategies and beliefs related to the disability of migraine pain, (KAUMS).

21. Predictive factors of Tuberculosis in HIV positive patients: a case-control study, (UMSHA).

22. Application of longitudinal survival model in modeling CD4 cell count and time to event in HIV + patients, (UMSHA).

23. Design and implementation of hepatitis B and C monitoring program in Iranian prisons in 2016, (KUMS).

24. Validation of the Smartphone Addiction Scale in Iranian Adults. Iran University of Medical Sciences (IUMS).

25. Strategies to increase physical activity in women aged 30-59 in Dehshad Bala village: A participatory action research study, (IUMS).

## *Positions & Work Experiences*

- Researcher in Research Institute for Endocrine Science. Shahid Beheshti University of Medical Sciences, Tehran, Iran. (Since 2022).
- Research Consultant at the Research Development Unit of Ali Asghar Hospital. Tehran, Iran. (2020-2022).
- Monitor in "Comparison of safety and efficacy of Razi SARS-CoV-2 recombinant Spike protein vaccine (Razi Cov Pars) and Sinopharm inactivated vaccine in adults aged 18 and over, parallel 2 arms non-inferiority design; a phase III randomized, double-blind clinical trial" study, Tehran, Iran. (2021)
- Methodological Reviewer of "VICE_CHANCELLOR for Research" Iran University of Medical Sciences Tehran, Iran (Since 2020).
- Quality Control Manager. Employees' Health Cohort Study of Iran (EHCSIR). (2015-2021).
- Research assistant at the Research Centre for Emerging and Reemerging Infectious Diseases. (2014-2015).
- Disease control expert in Islamshahr health network. Tehran, Iran. (2009-2011).

## *Reviewer in Journals*

- Reviewer of "PLOS ONE". (Since 2022).
- Reviewer of "Frontiers in Public Health". (Since 2023).
- Reviewer of "Journal of Clinical Tuberculosis and Other Mycobacterial Diseases". (Since 2024).
- Reviewer of "Journal of Infection & Public Health". (Since 2024).
- Reviewer of "Med J Islam Repub Iran". (Since 2022).
- Reviewer of "Journal of Pharmaceutical Research International". (Since 2020).
- Reviewer of "International Journal of Children and adolescents". (Since 2021).

## Teaching Topics

- Principles of epidemiology
- Research Methods
- Special topics and statistics in epidemiology
- Stata, SPSS, Excel
- Reference Management Software (Endnote, …)
- Communicable and non-communicable disease epidemiology
- Epidemiology and health

## Computer Skills

- **Specialized Software:** R, Stata, SPSS, SmartPLS, G*Power
- **Other Software:** Microsoft Office, EndNote
- **Programming Language:** Python (basic knowledge)

## Fields of Interests:

- Public Health
- Non-Communicable Diseases
- Infectious Diseases (HIV/AIDS, TB)
- Microbial resistance
- Behavioral Health Model
- Systematic review and Meta-analysis
- Methodology
- Survival Analysis
- Structural Equation Modeling (SEM)

## Languages:

- **Farsi:** Fluent (Native Language)
- **Turkish:** Fluent (Native Language)
- **English:** Upper-Intermediate (Ministry of Health Language Exam (MHLE) certified, 2018)