

Curriculum Vitae

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1. General information

Surname: Mostafavi

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Title: DVM, PhD in Epidemiology

Date, Place of Birth: 1979, Fars Province, Iran.

Current Position: Full Professor



2. Contact information

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2-3- Web Pages

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1. Positions

- **2010- Present:** Academic staff, Department of Epidemiology and Biostatistics, Pasteur Institute of Iran, Tehran, Iran.
- **2019- Present:** Member of the Iranian Academy of Medical Sciences, Tehran, Iran.
- **2025-Present:** Director of WHO Collaborating Center for Vector-Borne Diseases, Pasteur Institute of Iran, Tehran, Iran.
- **2024-2025:** Member of Expert Advisory Panel on Epidemic and Pandemic Preparedness and Prevention, WHO, Geneva, Switzerland.
- **2023- 2025:** Research Manager, Pasteur Institute of Iran, Tehran, Iran.
- **2022-2023:** Member of Rapid Response Teams Working Group (RRT WG), WHO, Geneva, Switzerland.
- **2021-2025:** Member of WHO Technical Advisory Group on Arbovirus (TAG-Arbovirus).
- **2021-2022:** Scientific Manager, Phase 3 clinical trial of joint Iranian-Cuban COVID-19 vaccine, Pasteur Institute of Iran, Tehran, Iran
- **2020-2021:** Member of the national advisory committee of COVID-19, Ministry of Health and Medical Education, Tehran, Iran.
- **2020-2021:** Member of the national committee of Epidemiology of COVID-19, Ministry of Health and Medical Education, Tehran, Iran.
- **2019-2024:** Director, International affairs and public relations office, Pasteur Institute of Iran, Tehran, Iran.
- **2019-2024:** Member of Roster of expert of WHO on Joint External Evaluation (JEE), WHO, Geneva, Switzerland.
- **2018- 2024:** Member of IHR roster of experts of WHO HQ in human-animal interface and Roster of Experts of WHO EMRO for Infectious Hazard Management.
- **2018- 2019:** Education Manager, Pasteur Institute of Iran, Tehran, Iran.
- **2015-2025:** Member of the board of directors of the Iranian Epidemiological Association
- **2013- 2018:** Research Manager, Pasteur Institute of Iran, Tehran, Iran.
- **2015-2025:** Director, National Reference Laboratory for Plague, Tularemia and Q fever, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran
- **2015- 2018:** Temporary advisor of WHO Eastern Mediterranean Regional Office (EMRO).
- **2012- 2025:** Director, Research Centre for Emerging and Reemerging Infectious Diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2012-2025:** Focal point of Pasteur Institute of Iran in the WHO Global Outbreak Alert and Response Network (GOARN).
- **2010-2025:** Director, Department of Epidemiology and Biostatistics, Pasteur Institute of Iran, Tehran, Iran.
- **2009-2017:** Internal Manager, WHO Collaborating Centre and Regional Knowledge Hub for HIV Surveillance, Kerman University of Medical Sciences, Kerman, Iran.
- **2009-2010:** Post-Doctoral Fellowship, Department of Epidemiology and Biostatistics, Pasteur Institute of Iran, Tehran, Iran.

2. Education

- **2005-2009:** Doctor of Philosophy (PhD) in Epidemiology, University of Tehran, Tehran, Iran.
- **1997-2003:** Doctor of Veterinary Medicine (DVM), Shiraz University, Shiraz, Iran.
- **1993-1997:** Diploma in Experimental Sciences, Tohid-1 High School, Shiraz, Iran.
- **1992-1993:** Tohid Secondary School, Shiraz, Iran.
- **1990-1992:** Shahid Zarrinkolah Secondary School, Eghlid, Iran.
- **1985-1990:** Shahid Ghalandari Primary School, Eghlid, Iran.

3. Area of Expertise

- Epidemiology of Emerging and Reemerging Infectious Diseases

- Epidemiology of Viral Hemorrhagic Diseases
- Outbreak Investigation and Response
- History of Medicine

4. Awards

- **2023:** Top Professor in Pasteur Institute of Iran, Tehran, Iran.
- **2018:** Talent Award of Institut Pasteur International Network, Paris, France.
- **2014-2019:** Top Associate Professor in Pasteur Institute of Iran, Tehran, Iran.
- **2013-2014:** Top Assistant Professor in Pasteur Institute of Iran, Tehran, Iran.
- **2012:** Top Juvenile Researcher in Pasteur Institute of Iran, Tehran, Iran.
- **2009- 2010:** Post-Doctoral Fellowship, Pasteur Institute of Iran, Tehran, Iran.
- **2008:** Top Student in University of Tehran, Tehran, Iran.
- **2005-2009:** Talented Student of the University of Tehran, Tehran, Iran.
- **2004:** Top Student in the Entrance Exam of Epidemiology, University of Tehran, Tehran, Iran.
- **1997-2003:** Talented Student of Shiraz University, Shiraz, Iran.
- **2001:** Excellent Young Researcher among Iranian University Students, Receiving the award from the President.
- **2000:** Excellent researcher among students of the University of Shiraz, Shiraz, Iran.
- **1999:** Distinct researcher among students in the Faculty of Veterinary Medicine, Shiraz University, Shiraz, Iran.

5. Publications

5-1- Books

- **2022: Mostafavi E.,** Hadizadeh Tasbiti A.R., Pasteur Institute of Iran in the passage of history, Gap Press, Tehran, Iran [[Web link](#)].
- **2020: Mostafavi E.,** Hemmati P., Doosti Irani A., Molayipour L. Standardized guideline for Outbreak detection, investigation, management and control related to IHR benefiting Syndromic Surveillance System (SSS), Gap Press, Tehran, Iran [[Web link](#)].
- **2016:** Ghodsi M., **Mostafavi E.,** Memories of school days and years served at Pasteur Institute of Iran; Former Director of Pasteur Institute of Iran (1962-1969), Gap Press, Tehran, Iran [[Web link](#)].
- **2015:** Mainbourg J., Yousefi Behzadi M., **Mostafavi E.;** Marcel Baltazard: Adventure of Plague, Andishmand Press, Tehran, Iran (Translated to Persian) [[Web link](#)].
- **2014:** Hemmati P., Soroush M., Dadras MN., Omidvarnia A., Gouya M.M., Haghdoost AA., **Mostafavi E.,** A manual for Estimating Disease Burden Associated with Seasonal Influenza in a Population. Andishmand Press, Tehran, Iran (Translated to Persian).
- **2014:** Esmaeili S., **Mostafavi E.,** Diagnosis and Management of Q fever, Andishmand Press, Tehran, Iran (Translated to Persian) [[Web link](#)].
- **2013: Mostafavi E.,** Plague, Andishmand Press, Tehran, Iran (Translated to Persian) [[Web link](#)].
- **2013: Mostafavi E.,** WHO Guidelines on Tularemia, Andishmand Press, Tehran, Iran (Translated to Persian) [[Web link](#)].
- **2013:** Siavashi M. R., **Mostafavi E.,** Noori A., Manual on detection and response to infectious disease outbreaks, Negahearmani Press, Tehran, Iran (Persian Language)[[Web link](#)].
- **2011: Mostafavi E.,** Bazrafshan A., Pasteur Institute of Iran in Web of Science database: a Scientometric overview, Andishmand Press, Tehran, Iran (Persian Language) [[Web link](#)].
- **2001: Mostafavi E.,** Rift Valley Fever; a potential zoonotic disease, Nick-khah Press, Tehran, Iran (Persian Language) [[Web link](#)].

5-2- Book Chapters

- **2021:** Holakouie-Naieni K., Ansari H., Izadi S., **Mostafavi E.,** Zeinali M., KeshtkarJahromi M., Crimean Congo Haemorrhagic Fever, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent Diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 165-182.

- **2021:** Gouya MM., Nabavi M., **Mostafavi E.**, EnaytRad M., Cholera, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent Diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 171-178.
- **2021:** Nabavi M., Haghighi M., **Mostafavi E.**, Keipour M., Leptospirosis, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent Diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 233-246.
- **2021:** **Mostafavi E.**, Esmaeili S., Q fever, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent Diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 347-356.
- **2021:** **Mostafavi E.**, AhangariKohan H., Tularemia, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent Diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 367-378.
- **2021:** Amirkhani A., **Mostafavi E.**, Rohani M., Plague, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent Diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 357-366.
- **2019:** Salehi Vaziri M., **Mostafavi E.**, Pouriayeali MH., Fazlalipour M., “Aedes mosquitoes and some diseases transmitted by them” in Persian Textbook of Public Health, 4th edition, Volume 2, 9 (21): 2000-2031 [[Web Link](#)].
- **2019:** Ghanei M., Mostafavi E., Enayatrad M., “Pasteur Institute of Iran” in Persian Textbook of Public Health, 4th edition, Volume 1, 2 (10): 236-253 [[Web Link](#)].
- **2017:** Moosavi SG., **Mostafavi E.**, Bahonar AR., Livestock and wildlife health management in disasters, In Textbook of Health in Emergencies and Disasters, Edition: Soorani M., Salemi S., Nasiri A., Chapter: 81, Publisher: Mehr Ravesh, pp.1459-1472.

5-3- Papers

- 336: 2024:** Sadat Larijani M, Salehi-vaziri M, pouriayeali Mh, Doroud D, Riazi-Rad F, **Mostafavi E**, Ashrafian F, Bavand A, Ramezani A. Comparison of the Neutralizing Antibodies’ Ability in Different COVID-19 Vaccine Platforms Recipients. Iranian Journal of Infection Disease. 28(102), 1-8. [[Web Link](#)].
- 335: 2024:** Mahmoudi A, **Mostafavi E**, Krystufek B. Intraspecific diversity of Meriones persicus (Rodentia; Gerbillinae), the main plague reservoir in Iran, and its connection to enzootic plague in Iran. Integrative Zoology. 0: 1–13. [[Web Link](#)], [ISI, Scopus, PubMed] [IF: 3.50].
- 334: 2024:** Qorbani A, Khalili M, Nourollahifard S, **Mostafavi E**, Farrokhnia M, Esmaeili S. Diversity of Rickettsia species in collected ticks from Southeast Iran. BMC Infectious Diseases. 20:279. [[Web Link](#)], [ISI, Scopus, PubMed] [IF: 3.4].
- 333: 2024:** **Mostafavi E**. An Overview of The History of Establishment and Separation of Razi Vaccine and Serum Research Institute from Pasteur Institute of Iran. Iranian Journal of Culture and Health Promotion. 8(1): 51-57. [[Web Link](#)](Corresponding Author).
- 332: 2024:** Bardestani F, Rad Ma, Azizi Mh, Gouya MM, **Mostafavi E**. In Commemoration of Dr. Mostafa Pourtaghva Shahrestani, a Pioneer in Infectious Disease Research. Archives of Iranian Medicine. 27(2):105-109. [[Web Link](#)], [ISI, Scopus, PubMed] [IF: 1.0]. (Corresponding Author).
- 331: 2024:** Tahmasebi Ashtiani Z, **Mostafavi E**. Dr sakineh Dora al-sadat tabatabaei shahab; outstanding Researcher of Tuberculosis disease In Pasteur Institute Of Iran. Medical Ethics and Law Research Center. Tarikh Pezeshki I.e., Medical History. 16:e2. [[Web Link](#)] (Corresponding Author).
- 330: 2024:** **Mostafavi E**, Ebrahimi B, Doosti-Irani A, Mirzazadeh A. Prevalence of hepatitis B, hepatitis C, and tuberculosis among people living with HIV in Iran: a systematic review and meta-analysis. BMC Infectious Diseases. 24:777. [[Web Link](#)], [ISI, Scopus, PubMed] [IF: 3.4].
- 329: 2024:** Esmaeili P, Khayatzadeh S, Maurin M, Gouya Mm, Esmaeili S, **Mostafavi E**. Oropharyngeal tularemia outbreak linked to drinking contaminated tap water in North-Western Iran. Diagnostic Microbiology and Infectious Disease. 110:116478. [[Web Link](#)], [ISI, Scopus, PubMed] [IF: 2.1] (Corresponding Author).

- 328: 2024:** Bahrami F, **Mostafavi E**. In Commemoration of Dr. Farrokh Modabber: An Iranian Pioneer of Cellular Immunology, and Leishmaniasis Vaccine Research in Iran and the World. Archives of Iranian Medicine. 27(9):530-537. [[Web Link](#)], [ISI, Scopus, PubMed] [IF: 1.0].
- 327: 2024:** Mounesan I, Gharibzadeh s, Parsaeian M, Gouya Mm, Eybpoosh S, Hosseini A, Haghjou L, Haghdoost A, **Mostafavi E**. Differences in the Clinical Severity Scores of Hospitalized COVID-19 Patients across Different Phases of an Epidemic Wave in Iran: a Secondary Analysis. Medical Journal of the Islamic Republic of Iran. 2024: 38:93, 1-6. [[Web Link](#)], [Scopus, PubMed] (*Corresponding Author*).
- 326: 2024:** Hosseininassab A, MoradKasani S, **Mostafavi E**, Baseri N, Sadeghi M, Esmaeili S. *Rickettsia conorii* subsp. israelensis infection in a pediatric patient presenting skin rash and abdominal pain: a case report from Southeast Iran. BMC Infectious Diseases. 24:114, 1-6. [[Web Link](#)], [ISI, Scopus, PubMed] [IF: 3.7].
- 325: 2024:** Shirvan P, Yaghfoori, S, Mahmoudi A, Naddaf, SR Molawi G Ahmadi A, **Mostafavi E**, Prevalence of helminths infection in wild rodents of Northwestern Iran. Archives of Razi Institute, 79(1), 126-133. [Scopus, PubMed] (*Corresponding Author*).
- 324: Mostafavi E**, MalekAfzali H, Bardestani F, Mohammad K, Kamali P. In commemoration of Dr. Vardges Nahapetian, the Founder of Biostatistics in Iran. Iranian Journal of Culture and Health Promotion. 7(3):448-52 [[Web Link](#)] (*Corresponding Author*).
- 323: 2024:** Baseri N, Omidi Ah, Latifian M, **Mostafavi E**, Khademvatan Sh, Omidifar N, Seyyed Tabaei Sj, Jafari R, Zeinali Sh, Ghasemi A, Esmaeili S., Molecular examination for *Coxiella burnetii* and *Brucella* spp. Infections in Iranian women experiencing spontaneous miscarriage. BMC Infectious Diseases, 24:17, 1-8. [[Web Link](#)], [ISI, Scopus, PubMed] [IF: 3.7].
- 322: 2024:** Mahmoudi A, **Mostafavi E**, krystufek B. Characterization of a translocated Mitochondrial Cytochrome b pseudogene in *Merion persicus* (Rodentia Gerbillinae); a potential taxonomic pitfall, Journal of Wildlife and Biodiversity. 8(1), 203-212, [[Web Link](#)], [ISI, Scopus] [IF: 0.70].
- 322: 2023:** Parizad, H., Abdoli, A., **Mostafavi E**. and Sheikholeslami, F., Development of a New Anti-Rabies Antiviral: Effective Treatment with Beclin-1 and Lifespan Prolongation. Journal of Biomedical Research & Environmental Sciences, 4(6), 1057-1068 [[Web Link](#)].
- 321: 2023:** Rahimi E, Ghaderi E, **Mostafavi E**, Panahi Mh, Karami M. Framework and Guideline for Reporting Outbreak Investigation of Food-Borne and Water-Borne Diseases. Iranian Journal of Epidemiology. 19(1), 26-36. [[Web Link](#)] [Scopus, PubMed].
- 320: 2023:** Esmaeili S, Mahmoudi A, Esmaili P, Yousefi Ghalejoogh Z, Mordadi A, Ghasemi A, Mohammadi A, Bagheri A, Sohrabi A, Latifian M, Rajerison M, Pizarro-Cerd J, **Mostafavi E**. The surveillance of plague among rodents and dogs in Western Iran. PLOS Neglected Tropical Diseases, 17(11): e0011722 [[Web Link](#)], [ISI, Scopus, PubMed] [IF: 3.8] (*Corresponding Author*).
- 319: 2023:** Maleki A, **Mostafavi E**, Fazlalipour M, Salehi-Vaziri M. Role of Laboratory in Emerging Infectious Disease Control in Iran, Pasteur Institute of Iran, and National Laboratory Network. Influenza and Other Respiratory Viruses, 17:e13232 [[Web Link](#)] [ISI, Scopus] [IF: 3.7].
- 318: 2023:** Sadat Larijani M, Biglari A, Sorouri R, Salehi-Vaziri M, Doroud D, Azadmanesh K, Fotouhi F, **Mostafavi E**, Ramezani. A Lessons from COVID-19 Pandemic: A Successful Policy and Practice by Pasteur Institute of Iran, Iranian Biomedical, 28(1):1-1. [[Web Link](#)], [Scopus, PubMed] [IF: 2.7]. (*Corresponding Author*).
- 317: 2023:** Eybpoosh S, Biglari A, Sorouri R, Ashrafian F, Sadat Larijani M, Verez-Bencomo V, Toledo-Romani M, Silva C, Salehi-Vaziri M, Dahmardeh S, Doroud D, Banifazl M, **Mostafavi E**, Bavand A, Ramezani A. Immunogenicity and safety of heterologous boost immunization with PastroCovac Plus against COVID-19 in ChAdOx1-S or BBIBPCorV primed individuals. Plos Pathogens. 1(5). 1-17 [ISI, Scopus, PubMed] [IF: 6.7].
- 316: 2023:** Mohabati Mobarez A, Baseri N, Khalili M, **Mostafavi E**, Esmaeili S. Genotyping and phylogenetic analysis of *Coxiella burnetii* in domestic ruminant and clinical samples in Iran: insights into Q fever epidemiology. Scientific Reports. 13:20374, 1-8. [[Web Link](#)], [ISI, Scopus, PubMed] [IF:4.6].
- 315: 2023:** Aghamohammad Sh, Amirjamshidi N, Shams Nosrati Sh, **Mostafavi E**, Moradnejad P, Mozaffari K, Mahdih N, Maleki M, Pasha H, Esmaeili S, Rohani M. Fastidious Bacterial Pathogens in Replaced

Heart Valves: The First Report of Bartonella quintana and Legionella steelei in Blood Culture-Negative Endocarditis from Iran. Multidiscip Cardio Annal. 14(1): e139468. 1-6. [ISI, Scopus].

- 314: 2023:** Pouriayeali M, Mostafavi E, Fazlalipour M, Jalali T, Khakifirouz S, Mousavi-Nasab Salehi-Vaziri, Effect of the COVID-19 pandemic on the reporting of Crimean–Congo hemorrhagic fever. Future Virology. 2023;18(14), 913-969. [Web Link], [ISI, Scopus], [IF: 3.1].
- 313: 2023:** Tahmasebi Ashtiani Z, Mostafavi E, In memory of Dr. Azar Andami, an eminent researcher and scholar at the Pasteur Institute of Iran. History and Philosophy of Medicine. 2023;5(4):21,1-4 [Web Link], [ISI, Scopus, PubMed] [IF: 3.9], (Corresponding Author).
- 312: 2023:** Farahmand B, Sadat Larijani M, Fotouhi F, Biglari A, Sorouri R, Bagheri Amiri F, Eslamifar A, Jalali T, Salehi-Vaziri M, Banifazl M, Dahmardeh S, Eshratkhaheh Mohammadnejad A, Bavand A, Tavakoli M, Varez Bencomo V, Mostafavi E, Noori dalooi H, Ashrafiyan F, Saberpour M, Ramezani A. Evaluation of PastoCovac plus vaccine as a booster dose on vaccinated individuals with inactivated COVID-19 vaccine. 9(2023), e20555, [Web Link], [ISI, Scopus, PubMed] [IF: 4.0].
- 311: 2023:** Esmaili S, latifian M, Mahmoudi M, Ghasemi A, Mohammadi A, Mordadi A, Ziapor Sp, Naddaf S, Mostafavi E. Molecular investigation of Coxiella burnetii and Francisella tularensis infection in ticks in northern, western, and northwestern Iran. PLOS ONE. 18(8): e0289567,1-17. [Web Link], [ISI, Scopus, PubMed] [IF: 3.7], (Corresponding Author).
- 310: 2023:** Mostafavi E., Eyboosh, S., Karamouzian, M., Khalili, M., Haji-Maghsoudi, S., Salehi-Vaziri, M., Khamesipour, A., Jalali, T., Nakhaeizadeh, M., Sharifi, H. and Mansoori, Y. et al. Efficacy and safety of a protein-based SARS-CoV-2 vaccine: a randomized clinical trial. JAMA Network Open, 6(5), e2310302, 1-14. [Web Link], [ISI, Scopus, PubMed] [IF: 13.8].
- 309: 2023:** Ramezani, A., Sorouri, R., Haji Maghsoudi, S., Dahmardeh, S., Doroud, D., Sadat Larijani, M., Eyboosh, S., Mostafavi E., Olyaeemanesh, A., Salehi-Vaziri, M. and Bavand, A., 2023. PastoCovac and PastoCovac Plus as protein subunit COVID-19 vaccines led to great humoral immune responses in BBIP-CorV immunized individuals. Scientific Reports, 13(1), 8065 [Web Link][ISI, Scopus, PubMed][IF: 4.6].
- 308. 2023:** Bardestani F, Marandi SA, Malekzadeh R, Nadim A, Malekafzali H, Lankarani KB, Bavandi M, Mesdaghinia A, Gouya MM, Sadrizadeh R, Mostafavi E. In Commemoration of Dr. Bijan Sadrizadeh, a Prominent Physician and Expert in the Field of Public Health in Iran and Around the World. Archives of Iranian Medicine; 26(1): 54-59 [Web Link][ISI, Scopus, PubMed][IF: 2.1] (Corresponding Author).
- 307. 2023:** Mahmoudi A, Mostafavi E., Mohammadi A, Jalali T, Denys C, Nicolas V, Hugot J-P, Lalis A, Salehi-Vaziri M. The first identification of Tula orthohantavirus in forest dormice (Rodentia: Gliridae) from Iran. Mammalia; 87(4): 405-412 [Web Link][ISI, Scopus][IF: 2.1].
- 306. 2023:** MalekZadeh R, Mostafavi E., Ghaderi E, Moradi G, Sharifi H, Biglari A, Ghanei M, Najafi F, Gouya MM, Haghdoost A. Analyzing the Situation of the Covid-19 Epidemic in Iran and Proposing Macro Strategies. Iranian Journal of Culture and Health Promotion; 7(1): 21-26 [Web Link].
- 305. 2023:** Bardestani F, Mostafavi E., In Commemoration of Dr. Mahdokht Pourmansour, an Outstanding Specialist in the Production of the BCG Vaccine in Iran. Iranian Biomedical Journal. 2023 Mar 1;27(2):79-83 [Web Link] [Scopus, PubMed] [IF: 0.43] (Corresponding Author).
- 304. 2023:** Rahravani M, Moravedji M, Mostafavi E., Mozoun MM, Ziaei AH, Mohammadi M, Seyfi H, Adhami G. Clinical, hematological and molecular evaluation of piroplasma and Anaplasma infections in small ruminants and tick vectors from Kurdistan province, western Iran. Research in Veterinary Science, 159:44-56 [Web Link][ISI, Scopus, PubMed][IF: 2.4].
- 303. 2023:** Nayebhashemi M, Enayati S, Zahmatkesh M, Madanchi H, Saberi S, Mostafavi E, Ardakani EM, Azizi M, Khalaj V. Surface display of pancreatic lipase inhibitor peptides by engineered Saccharomyces boulardii: Potential as an anti-obesity probiotic. Journal of Functional Foods. 1; 102:105458 [Web Link] [ISI, Scopus][IF: 5.6].
- 302. 2023:** Esmaeili S, Esmaeili P, Mahmoudi A, Ghasemi A, Mohammadi A, Bagheri A, Sohrabi A, Rezaei F, Hanifi H, Neamati AH, Gouya MM, Mostafavi E. Serological evidence of Yersinia pestis infection in rodents and carnivores in Northwestern Iran. PLOS Neglected Tropical Diseases. 20;17(1): e0011021. [Web Link] [ISI, Scopus, PubMed][IF: 3.8] (Corresponding Author).

- 301. 2023:** Aghamohammad S, Rastin M, **Mostafavi E.**, Anaraki AH, Rahravani M, Sadaf RA, Moravedji M, Rohani M. Determination of seroprevalence of brucellosis in livestock and high-risk population in Kurdistan, Western Iran. *Comparative Immunology, Microbiology and Infectious Diseases*. 1; 93:101942. [[Web Link](#)][[ISI](#), [Scopus](#), [PubMed](#)][**IF: 2.0**].
- 300. 2022:** Behzadi MY, Moazzezy N, Rohani M, Naddaf SR, **Mostafavi E.**, Mohamadi A, Shams-Ghahfarokhi M, Pashootan N, Razzaghi-Abyaneh M. Identification of Intestinal Fungal Microflora and Bacterial Pathogens in the Collected Adult Ixodes ricinus from the Northern Provinces of Iran. *Journal of Arthropod-Borne Diseases*. 16(2):97-107 [[Web Link](#)][[ISI](#), [Scopus](#), [PubMed](#)][**IF: 0.9**].
- 299. 2022:** Ghasemi A, Latifian M, Esmaili S, Naddaf SR, **Mostafavi E.** Molecular surveillance for Rickettsia spp. and Bartonella spp. in ticks from Northern Iran. *Plos one*, 7;17(12):e0278579 [[Web Link](#)][[ISI](#), [Scopus](#), [PubMed](#)][**IF: 3.7**] (*Corresponding Author*).
- 298. 2022:** Abdoli F, **Mostafavi E.**, Esmaili S, Rohani M, Molecular detection and identification of Rickettsia spp. in collected ticks from domestic animals in Southeastern Iran. *Comparative Immunology, Microbiology and Infectious Diseases*, 85, 101798 [[Web Link](#)][[ISI](#), [Scopus](#), [PubMed](#)][**IF: 2.73**].
- 297. 2022:** **Mostafavi E.** The pros and cons of the second booster dose of the COVID-19 vaccine. *Iranian Journal of Microbiology*, 14(4) [[Web Link](#)][[ISI](#), [Scopus](#), [PubMed](#)] [**IF: 0.34**] (*Corresponding Author*).
- 296. 2022:** Gorbani A, Khalili. M, Nourollahifard. S., **Mostafavi E.**, Farrokhnia. M, Esmaili S. An update on spotted fever group serology in Kerman Province, Iran. *Comparative Immunology, Microbiology and Infectious Diseases*, 101862 [[Web link](#)][[ISI](#), [Scopus](#), [PubMed](#)][**IF: 2.73**].
- 295. 2022:** **Mostafavi E.** How will the COVID-19 pandemic end? *Journal of Medical Microbiology and Infectious Diseases*,10(3):146-8 [[Web Link](#)] (*Corresponding Author*).
- 294. 2022:** Mobarez A, Baseri N, Khalili M, **Mostafavi E.**, Stenos J, Esmaili S. Genetic Diversity of *Coxiella burnetii* in Iran by Multi-Spacer Sequence Typing. *Pathogens*. 11(10):1175 [[Web Link](#)] [[ISI](#), [Scopus](#)] [**IF: 4.53**].
- 293. 2022:** Mohammadi A, **Mostafavi E.**, Zaim M, Enayati A, Basseri HR, Miroyaei A, Poormozafari J, Gouya MM. Imported tires; a potential source for the entry of Aedes invasive mosquitoes to Iran. *Travel Medicine and Infectious Disease*; 49:102389 [[Web Link](#)] [[ISI](#), [Scopus](#), [PubMed](#)] [**IF: 20.44**] (*Corresponding Author*).
- 292. 2022:** Esmaili S, Ghasemi A, Esmaili P, Rezaie F, Mohraz M, Maurin M, **Mostafavi E.** A case report of ulceroglandular tularemia caused by *Francisella tularensis* subsp. Holarctica in Iran. *Acta Tropica*; 234:106570. [[Web link](#)] [[ISI](#), [Scopus](#), [PubMed](#)] [**IF: 3.22**] (*Corresponding Author*).
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7. **2008: Mostafavi E.,** Bokaie, S., Haghdoost, A.A., Keyvanfar, H., Chinikar, S., Spatio-Temporal modeling of Crimean Congo Hemorrhagic Fever (CCHF) in human and animal populations in Iran, XVIII IEA World Congress of Epidemiology, Porto Alegre, Brazil [[Web link](#)].
6. **2008: Mostafavi E.,** Bokaei S., Haghdoost A.A., Keivanfar H., Gooya M.M., Meshkat M., Davari A., Chinikar, S., Crimean Congo hemorrhagic fever in Northeast of Iran, The 17th world congress of epidemiology, Porto Alegre, Brazil [[Web link](#)].
5. **2008: Mostafavi E.,** Bokaei S., Haghdoost A.A., Keivanfar H., Gooya M.M., Meshkat M., Davari A., Chinikar, S., Seroepidemiological study of Crimean Congo hemorrhagic fever in Khorasan provinces, Iran, World Buiatrics Congress, Budapest, Hungary [[Web link](#)].
4. **2008: Rahimikia E.,** Abdollahpour G., **Mostafavi E.,** A Seroepidemiological Study of Bovine Leptospirosis in Bouyer Ahmad District, Western Iran, World Buiatrics Congress, Budapest, Hungary [[Web link](#)].
3. **2006: Mostafavi E.,** Bahonar A., Rad M.A., Azizzadeh M., Khosronia B., Epidemiological Feature of Anthrax in Khorasan Province of Iran during March 1992 to March 2005, International Symposium on Veterinary Epidemiology and Economics, Cairns, Queensland, Australia, P 1050 [[Web link](#)].
2. **2005: Mostafavi E.,** Chinikar, S., Jafari Shoorijeh, S., Mazaheri, V., Epidemiological Feature of Crimean Congo Hemorrhagic Fever (CCHF) in Man and Domestic animals of Iran during March 2000 to March 2004, The 17th IEA World Congress of Epidemiology, Bangkok, Thailand.
1. **2002: Mostafavi E.,** The first report of histamine poisoning caused by contaminated canned fish in Iran, The 27th world veterinary congress, Tunis, Tunisia [[Web link](#)].

6. Research Projects

6-1- International projects/ International funds

15. **2017-2022:** Pertussis Immunization programmes in Low and Middle-Income Countries, Supported by Institut Pasteur International Network (**Co-Investigator**).
14. **2014-2015:** National consultant to develop standardized guidelines for outbreak detection, investigation, management and control related to IHR, Supported by the World Health Organization (WHO) (**Principal Investigator**).
13. **2013- 2014:** Review and update the guidelines/protocols and coordinate a nation-wide prevalence survey on resistance to anti-TB drugs among the Iranian population, Supported by United Nations Development Programme (UNDP) (**Principal Investigator**).
12. **2013:** Survey on TB infection and guidelines for active case finding among health care providers in Iran, Supported by the United Nations Development Programme (UNDP) (**Principal Investigator**).
11. **2013:** Developing protocol on Provider Initiated Testing (PIT) among TB patients, Supported by world health organization (WHO) (**Principal Investigator**).
10. **2012-2013:** National HIV Bio-behavioral Surveillance Survey (BSS) in prisoners, the 2nd round – Iran, Supported by Global Fund (**Co-Investigator**).
9. **2011:** A need assessment for developing culturally sensitive advocacy tools including fact sheets and multimedia on HIV/AIDS for policymakers, Supported by Joint United Nations Programme on HIV/AIDS (UNAIDS) (**Co-Investigator**).
8. **2010-2011:** Development of an evidenced-informed and gender-sensitive model for HIV prevention among Injecting Drug Users (IDUs) and their heterosexual partners, mainly their spouses, Supported by United Nations Office on Drugs and Crime (UNODC) (**Co-Investigator**).
7. **2010-2011:** Production of a new ELISA kit based on the use of Dried Blood Spots Sampling for Crimean-Congo hemorrhagic fever screening in “high-risk” regions, Supported by WHO EMRO grant (**Co-Investigator**).
6. **2010-2011:** National HIV Bio-behavioral Surveillance Survey (BSS) in Female Sex Workers (FSWs), the 1st round – Iran, Supported by Global Fund (**Co-Investigator**).
5. **2010-2011:** National HIV Bio-behavioral Surveillance Survey (BSS) in Injecting Drug Users (IDUs), the 2nd round – Iran, Supported by Global Fund (**Co-Investigator**).

4. **2009-2011:** Threshold survey for evaluating the transmitted HIV drug resistance mutations of Pro and RT gene in Iran 2009, Supported by WHO (**Co-Investigator**).
3. **2008-2009:** National HIV Bio-behavioral Surveillance Survey (BSS) in prisoners, the 1st round – Iran, Supported by Global Fund (**Co-Investigator**).
2. **2009:** Preparation of a national guideline for HIV drug resistance, a joint project between Pasteur Institute of Iran and the World Health Organization (WHO) (**Co-Investigator**).
1. **2008:** Phylogenetic Study of Crimean Congo Hemorrhagic Fever virus extracted from ticks existing in Isfahan province, Central region of Iran, Supported by WHO EMRO small grant (**Co-Investigator**).

6-2- National/local projects

82. **2022-2024:** Evaluation of humoral and cellular immunogenicity of different COVID-19 vaccines (PastoCovac/Plus, Sinopharm, Bharat, AstraZeneca & Sputnik) in Iranian vaccinated volunteers: two and a half years after COVID-19 pandemic, Supported by Pasteur Institute of Iran (**Principal Investigator**).
81. **2022-2024:** Investigation of molecular phylogeny, infection to plague bacillus and metagenomics of symbiotic and bacterial pathogens of fleas in the selected foci of plague in western Iran, Supported by Pasteur Institute of Iran (**Principal Investigator**).
80. **2020-2022:** Molecular investigation of infection with Rickettsia and Bartonella bacteria in ticks in northern Iran, Supported by National institute for medical research development and Pasteur Institute of Iran (**Principal Investigator**).
79. **2019-2021:** Taxonomic study of susceptible and resistant populations of *Meriones persicus* rodents to *Yersinia pestis* infection from endemic and non-endemic areas of Iran, Supported by Pasteur Institute of Iran (**Principal Investigator**).
78. **2020-2021:** Molecular study of infection with *Coxiella burnetii*, Bartonella, Rickettsia and Ehrlichia bacteria in rodents, Supported by National institute for medical research development and Pasteur Institute of Iran (**Principal Investigator**).
77. **2019-2021:** Investigating the prevalence of acute Q fever in people at risk with fever and respiratory symptoms in Kurdistan province, Supported by Pasteur Institute of Iran (**Principal Investigator**).
76. **2019-2022:** Study of West Nile virus infection in collected Culex mosquitoes in Mazandaran province, Supported by National institute for medical research development and Pasteur Institute of Iran (**Co-Investigator**).
75. **2018-2021:** Impact of climate changes on the distribution of *Aedes aegypti* and *Aedes albopictus* in Iran, Supported by National institute for medical research development (**Principal Investigator**).
74. **2018-2021:** Evaluation of frequency of Culture Negative Endocarditis agents in exchanged heart valves in Shahid Rajaei's cardiology hospital during 2012- 2016, Supported by Pasteur Institute of Iran and Shahid Beheshti University of Medical Sciences (**Co-Investigator**).
73. **2017-2019:** Isolation and molecular identification of Francisella spp in western Iran, Supported by National institute for medical research development and Pasteur Institute of Iran (**Co-Investigator**).
72. **2017-2020:** Study on the frequency of mutations in target regions of the new anti-HCV drugs in genotype 1b, and impact of those mutations on their response to treatment, Supported by Pasteur Institute of Iran (**Co-Investigator**).
71. **2017-2019:** Designing of Immuno-capture ELISA kit for measurement of G glycoprotein of rabies vaccine, Supported by Pasteur Institute of Iran (**Co-Investigator**).
70. **2017- 2019:** Evaluation of gut microbiota in a patient with inflammatory bowel disease and comparison with the normal population, Supported by Pasteur Institute of Iran (**Co-Investigator**).
69. **2017-2019:** Evaluation of Tick-Borne Encephalitis Virus infection in Ixodid ticks from Mazandaran province, Supported by Pasteur Institute of Iran (**Co-Investigator**).
68. **2017-2022:** Rodent-borne emerging and re-emerging zoonotic diseases in north-western Iran: molecular epidemiology, taxonomy, population genetics, and phylogeny of the reservoir hosts and pathogens, Supported by National institute for medical research development and Pasteur Institute of Iran (**Principal Investigator**).

67. **2017-2018:** Serological analysis for the presence of IgG antibody against Chikungunya in the serum of Sistan & Baluchistan province residents, Supported by Pasteur Institute of Iran (**Co-Investigator**).
66. **2016-2018:** Serological and Molecular analysis of serum from patients with symptoms of Hantavirus infection in Iran, Supported by Pasteur Institute of Iran (**Co-Investigator**).
65. **2016-2018:** Serological analysis of the presence of IgG antibody against West Nile infection in human habitant in Khuzestan province, Supported by Pasteur Institute of Iran (**Co-Investigator**).
64. **2016-2019:** Investigating imported automobile tires as a potential source of introduction of *Aedes* mosquito vectors into Iran, Supported by National institute for medical research development and Pasteur Institute of Iran (**Co-Investigator**).
63. **2016-2018:** Study of the infection of hard ticks (Ixodidae) originating from north and northwest of Iran to *Borrelia burgdorferi*, *Francisella tularensis*, and *Coxiella burnetii*, Supported by Pasteur Institute of Iran (**Principal Investigator**).
62. **2016-2018:** Design and manufacturing of a rapid diagnostic kit to detect antibody against *Yersinia pestis* in humans and wild animals, Supported by Pasteur Institute of Iran (**Co-Investigator**).
61. **2015-2016:** Isolation and molecular identification of *Francisella* spp. from water samples in western Iran, Supported by Pasteur Institute of Iran (**Principal Investigator**).
60. **2015-2016:** Biobehavioral surveillance survey of HIV, Hepatitis B and Hepatitis C among homeless people in Khorram Abad; Supported by Ministry of Health and Medical Education, Pasteur Institute of Iran and Lorestan University of Medical Sciences (**Principal Investigator**).
59. **2015-2016:** Serological survey of Crimean Congo haemorrhagic fever (CCHF) in the imported camels by ELISA method and molecular and phylogenetic study of CCHF virus genome in the ticks of the camels by RT-PCR; Supported by Ferdowsi University of Mashhad (**Co-Investigator**).
58. **2015-2016:** Monitoring of rodents and rabbits for *Francisella tularensis* in Iran, Supported by Ministry of Health and Medical Education and Pasteur Institute of Iran (**Principal Investigator**).
57. **2014-2015:** Detection of Crimean-Congo hemorrhagic fever virus in field-collected ticks in Alashtar and Aligudarz districts, Lorestan Province, Supported by Lorestan University of Medical Sciences and Pasteur Institute of Iran (**Co-Investigator**).
56. **2014-2015:** Seroepidemiological survey of Q fever in sheep in Lorestan Province, Supported by Lorestan University of Medical Sciences and Pasteur Institute of Iran (**Principal Investigator**).
55. **2014-2016:** Detection of biotinidase enzyme in the blood for screening and diagnosis of biotinidase deficiency, Supported by Pasteur Institute of Iran (**Co-Investigator**).
54. **2014- 2015:** Identification of atypical mycobacterium isolates extracted from clinical samples, Supported by Pasteur Institute of Iran (**Co-Investigator**).
53. **2014-2015:** High-risk behaviours among Male to Female trans-sexuals; a qualitative study, Supported by the Ministry of Health and Medical Education, Iran University of Medical Sciences and Pasteur Institute of Iran (**Principal Investigator**).
52. **2014:** Seroepidemiology of HSV-2, HAV, HEV and syphilis among homeless people in Tehran, Supported by the Ministry of Health and Medical Education (**Principal Investigator**).
51. **2013- 2014:** Prevalence of West Nile virus infection among Culicidae mosquitoes in Lorestan province, Supported by Lorestan University of Medical Sciences (**Co-Investigator**).
50. **2013-2015:** The Prevalence survey of Q fever endocarditis among infective endocarditis in two Heart Hospital in Tehran, Supported by the Ministry of Health and Medical Education (**Principal Investigator**).
49. **2013- 2014:** Analysis of Iranian Medical Universities Research performance by normalized Indicators, Supported by Deputy of Research in Ministry of Health and Medical Education (**Principal Investigator**).
48. **2013- 2014:** Mapping the scientific publications of Pasteur Institute of Iran in Web of Science Database according to Scientometric indicators, compared with selected national and global research institutions in 2008-2012, Supported by Pasteur Institute of Iran (**Principal Investigator**).
47. **2013- 2014:** Spatial modelling of non-communicable diseases in Iran, Supported by Pasteur Institute of Iran and Ministry of Health and Medical Education (**Principal Investigator**).

46. **2013- 2015:** Taxonomic revision of rodent species of different localities of Iran and a survey on pathogenic agents and ectoparasites of each species regarding hygienic priority, Supported by Ferdowsi University of Mashhad, Pasteur Institute of Iran and Ministry of Health and Medical Education (*Principal Investigator*).
45. **2013- 2015:** Exploring the pattern of sexual behaviours in the drug-using male who have sex with male (MSM) in the drug addiction rehabilitation centres: a qualitative study, Supported by Ministry of Health and Medical Education (*Principal Investigator*).
44. **2013- 2016:** Designation of syndromic surveillance system and its connection to SEPAS system, Supported by the Ministry of Health and Medical Education (*Principal Investigator*).
43. **2013- 2015:** Serum survey of the efficacy of inactivated rabies vaccine under current regimen with IM injection of 5 rabies vaccine doses (Essen) in post-exposure prophylaxis in patients with altered health condition treated in Pasteur Institute of Iran, Supported by Pasteur Institute of Iran (*Co-Investigator*).
42. **2012- 2014:** Comparing the efficacy of two strategies of HBV vaccination in HIV infected patients, Supported by Pasteur Institute of Iran (*Co-Investigator*).
41. **2012- 2015:** A survey on incidence and prevalence of Leptospirosis in suspected cases from Mazandaran and Golestan Provinces using IFA, and comparison of results with Real-time PCR, PCR and ELISA results, Supported by Pasteur Institute of Iran (*Co-Investigator*).
40. **2012- 2014:** Compilation and Execution of a Structure for Laboratory Animal Training, Supported by Pasteur Institute of Iran (*Co-Investigator*).
39. **2012- 2014:** Seroepidemiological survey of visceral leishmaniasis in domestic dogs of Meshkin Shahr, Ardebil Province using ELISA, rK39 and DAT, Supported by Pasteur Institute of Iran (*Co-Investigator*).
38. **2012- 2014:** Design and development of an ELISA Kit for the detection of human *Mycobacterium tuberculosis*, Supported by Pasteur Institute of Iran (*Co-Investigator*).
37. **2012- 2014:** A study on the association between molecular markers and clinicopathological findings in breast cancer patients, Supported by Pasteur Institute of Iran (*Co-Investigator*).
36. **2012- 2014:** Molecular identification and characterization of the genotype of Acanthamoeba and Microsporidia in corneal scraping samples in patients with keratitis referring to Farabi hospital, Supported by Pasteur Institute of Iran (*Co-Investigator*).
35. **2012-2013:** A study on the infection rate of hard ticks (Ixodidae) and soft ticks (Argasidae) of the livestock of Khoram Abad city to Crimean Congo haemorrhagic fever infection, Supported by Lorestan University of Medical Sciences (*Co-Investigator*).
34. **2012- 2014:** Investigating the evolution of HCV NS5A region in relation to Peg IFN+RBV therapy in Iran, Supported by Pasteur Institute of Iran and Baghiatallah Research center for Gastroenterology and Hepatology (*Co-Investigator*).
33. **2012:** Revision of research courses in M Phil Curriculum of Doctoral PhD Degree in Iran, Supported by the vice chancellor for research and technology of Ministry of health and medical education and Pasteur Institute of Iran (*Principal Investigator*).
32. **2012:** The Prevalence survey of Hepatitis B, Hepatitis C and TB-HIV co-infection among homeless persons in Tehran Province, Supported by Centre for Disease Control, Ministry of Health and Medical Education and Pasteur Institute of Iran (*Principal Investigator*).
31. **2012:** Seroepidemiological survey of Q fever, CCHF, Leptospirosis and Brucellosis in butchers and slaughterhouses workers of Sistan and Baluchestan Province, Supported by Ministry of Health and Medical Education and Pasteur Institute of Iran (*Principal Investigator*).
30. **2012:** Seroepidemiological survey of Crimean Congo hemorrhagic fever in local and imported Cattle in Southeast of Iran, Supported by Pasteur Institute of Iran (*Principal Investigator*).
29. **2011-2012:** Seroepidemiological survey of Q fever in sheep of Ardebil Province, Supported by Pasteur Institute of Iran (*Principal Investigator*).

- 28: **2011-2012:** Evaluation of the prevalence of underlying coagulopathies in menorrhagic adolescents in Tehran, Supported by Iran University of Medical Sciences (**Co-Investigator**).
- 27: **2011-2013:** Study on the frequency of Enterovirus 71 in viral meningoencephalitis, acute flaccid paralysis, and Hand-Foot and mouth disease in children with less than 8 years old from pediatric hospitals in Tehran, Supported by Pasteur Institute of Iran (**Co-Investigator**).
26. **2011-2013:** Determining HIV-1 subtypes and drug resistance mutations among infected individuals from various HIV high-risk population in Tehran province, Supported by Pasteur Institute of Iran (**Co-Investigator**).
25. **2011- 2013:** Evaluation of the effect of zinc supplementation in the treatment of tuberculosis patient, Supported by Pasteur Institute of Iran (**Co-Investigator**).
24. **2011- 2022:** Monitoring of emerging and reemerging infectious diseases in Iran, Supported by the Ministry of Health and Medical Education and Pasteur Institute of Iran (**Principal Investigator**).
23. **2011-2012:** Prevalence of inherited coagulation disorders among women with menorrhagia in Tehran, Supported by Tehran University of Medical Sciences (**Co-Investigator**).
22. **2011-2012:** Knowledge, attitude and practice of the clergy associated toward HIV AIDS, Supported by Kerman University of Medical Sciences (**Principal Investigator**).
21. **2011:** Seroepidemiological survey of Q fever in sheep of Mazandaran Province, Supported by Pasteur Institute of Iran (**Principal Investigator**).
20. **2011:** Seroepidemiological survey of Crimean Congo Hemorrhagic Fever in sheep of Mazandaran Province, Supported by Pasteur Institute of Iran (**Principal Investigator**).
19. **2011:** A study on the trend of Brucellosis in Human and Animal population of Iran using Geographic Information System (GIS) from 1991 to 2008, Supported by Pasteur Institute of Iran (**Principal Investigator**).
18. **2010:** Comparison of Institute Pasteur of Iran with Iranian and foreigner research institutes based on Scientific Impact Factors, Supported by Pasteur Institute of Iran (**Principal Investigator**).
17. **2010:** Determining the mutations in the coding parts of genes XRCC2 and their relationship with differentiated thyroid carcinoma, Supported by Tehran University of Medical Sciences (**Co-Investigator**).
16. **2010-2011:** Comparing the expression of VEGF, EGF, FGF, KGF and PDGF in Autologous Fibroblast scaffold culture alone and combined with low-level laser in Diabetic mice, Supported by Tehran University of Medical Sciences (**Co-Investigator**).
15. **2010:** Prioritization of Researches in Pasteur Institute of Iran, Supported by Pasteur Institute of Iran (**Co-Investigator**).
14. **2009-2010:** Scientific products of Pasteur Institute of Iran authors with co-authorship networks in Web of Science (WOS) database, Supported by Pasteur Institute of Iran (**Principal Investigator**).
13. **2009-2011:** Modeling for appropriate management of communicable diseases in abnormal situations (epidemics) in different provinces of Iran, A joint project between Pasteur Institute of Iran and Centre for Disease Control, Ministry of Health and Medical Education (**Co- Investigator**).
12. **2009-2011:** Serological and molecular study of Dengue fever in serum samples of probable patients of hemorrhagic fevers referred to the laboratory of Arboviruses and viral hemorrhagic fever, Supported by Infectious Diseases and Tropical Research Network, Ministry of Health and Medical Education (**Co-Investigator**).
11. **2009-2011:** Study of West Nile Fever disease in livestock and the human population of the North and centre of Iran, Supported by Infectious Diseases and Tropical Research Network, Ministry of Health and Medical Education (**Co-Investigator**).
10. **2009-2011:** Molecular diagnosis of Crimean-Congo hemorrhagic fever virus in ticks of livestock, Varamin, Tehran province, Supported by Pasteur Institute of Iran (**Co-Investigator**).
9. **2009-2011:** Impact of Occult Hepatitis B infection on Interferon therapy in HCV infected patients referring to Tehran Hepatitis Center in 1388-89, Supported by Pasteur Institute of Iran (**Co-Investigator**).
8. **2009-2011:** The prevalence of salmonella infection in eggs bought in Tabriz supermarkets, Supported by University of Tabriz (**Co-Investigator**).

7. **2009:** A bridging study to evaluate the hepatitis B vaccine produced by Pasteur Institute of Iran, Supported by Pasteur Institute of Iran (**Methodological Designer**).
6. **2009:** Determination of the hepatitis B genotype in Intravenous drug user (IDU) prisoners carrying HBsAg in Tehran using RFLP-PCR molecular studies, a joint project between Pasteur Institute of Iran and Baqiyatallah University of Medical Sciences (**Co-Investigator**).
5. **2009:** Comparison of drug resistance mutations related to Lamivudine in patients infected with hepatitis B and patients with concurrent HBV/HIV infection, Supported by Pasteur Institute of Iran (**Co-Investigator**).
4. **2007:** Evaluation of the personality of veterinary students to study and work in this field, Supported by University of Tehran (**Co-Investigator**).
3. **2006:** Seroepidemiological study of Leptospirosis in Bouyer Ahmad cows, Supported by Islamic Azad University, Yasuj Branch (**Co-Investigator**).
2. **2001:** Use of pancreatic allograft transplantation in dogs, Supported by Shiraz University (**Co-Investigator**).
1. **2000:** Microscopic study of renal vessels before and after birth in Mehraban sheep, Supported by Shiraz University (**Co-Investigator**).

7. Student theses (Supervision or advisory)

34. **2022-2023:** Designing a practical toolkit for investigation of diseases outbreak, MSc thesis of in Epidemiology, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
33. **2022-Present:** Cloning, expression and purification of SucB, DnaK, GroEL, FopA, Acetyl-CoA carboxylase and FTT0975 *Francisella tularensis* proteins in *Escherichia coli* expression host and their use in the design of ELISA test for serological diagnosis test of tularemia in humans, PhD thesis of Medical Bacteriology, Tarbiat Modarres University, Tehran, Iran.
32. **2022-2023:** Motives and obstacles to participate in the vaccination program against COVID-19 in Semnan city in 2022, MSc. the thesis of Epidemiology, Iran University of Medical Sciences, Tehran, Iran.
32. **2019.2023:** Surface display of pancreatic lipase inhibitory peptide in probiotic yeast *Saccharomyces boulardi* and evaluation of its lipase inhibitory activity in mice, PhD thesis of Medical Biotechnology, Pasteur Institute of Iran, Tehran, Iran.
31. **2018-2021:** Seroprevalence and risk factors of zoonotic diseases brucellosis and Crimean Congo Haemorrhagic Fever among abattoir workers in Ahvaz, PhD thesis of Tropical Medicine and infectious diseases, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran.
30. **2018-2021:** Seroprevalence evaluation of tularemia in sheep and cattle herds and *Francisella tularensis* contamination in water sources of Kurdistan province by qPCR method, PhD thesis of Bacteriology, Islamic Azad University, Tehran, Iran.
29. **2018- 2022:** Genotyping of antibiotic-resistant isolates of *Pseudomonas aeruginosa* isolated from urinary tract infections by PFGE and MLST methods, PhD thesis of Medical Bacteriology, Pasteur Institute of Iran, Tehran, Iran.
28. **2017- 2021:** Serological and molecular analysis of Tularemia and Brucellosis in rodents in west of Iran, PhD thesis of Bacteriology, University of Kerman, Kerman, Iran.
27. **2017-2019:** Study of Q fever and CCHF infection of ticks collected from domestic animals in farms and slaughterhouse in Shahr-e Rey, MSc. the thesis of Medical Entomology, Tehran University of Medical Sciences, Tehran, Iran.
26. **2017-2021:** The genotyping survey of positive toxin-*Clostridium difficile* strains isolated from the nursing home with methods of PCR-Ribotyping, PFGE and MLVA, PhD thesis of medical microbiology, Tarbiat Modarres University, Tehran, Iran.
25. **2016-2019:** Genotyping of *Coxiella burnetii* in Iran by MLVA, MLST and SNP Real-time, PhD thesis of medical microbiology, Tarbiat Modarres University, Tehran, Iran.

24. **2014-2016:** Factors affecting the occurrence of FMD in the cattle in Iran and determining the temporal and spatial disease clusters during 2012-2014, the Ph.D. thesis of Epidemiology, University of Tehran, Tehran, Iran.
23. **2014-2016:** Seroepidemiology survey of Q fever in patients with Brucella-like symptoms and atypical pneumonia referred to Razi hospital in Ghaemshahr, the Ph.D. thesis of infectious diseases and tropical medicine, Mazandaran University of Medical Sciences, Sari, Iran.
22. **2014-2016:** Comparison of Rodent genetic structure (with emphasizes on *Meriones persicus*) and study on flea infection to *Yersinia pestis* in two regions of Iran with Plaque historic and no-historic background, MSc. the thesis of Medical Entomology, Tehran University of Medical Sciences, Tehran, Iran.
21. **2014- 2018:** The Explanation of the Spatial Distribution of Cancer Diseases in Urban Health Pattern: A case study of Tehran metropolitan, PhD thesis of Geography and Urban Planning, Tarbiat Modarres University, Tehran, Iran.
20. **2013- 2015:** Study on the fauna of the rodents, their ectoparasites and Helminths endoparasites in west and southwest of Kurdistan province, MSc. the thesis of Medical Entomology, Tehran University of Medical Sciences, Tehran, Iran.
19. **2013-2017:** HIV-1 drug resistance transmission threshold survey and prediction of virus Co-receptor Usage (Tropism) by Genotypic and bioinformatics approach in Khuzestan province, the Ph.D. thesis of Medical Virology, Jundishapur University of Medical Sciences, Ahvaz, Iran.
18. **2013-2015:** Spatial modelling of cutaneous leishmaniasis using GIS in the last thirty years (1983-2013) in Iran, MSc. thesis of Epidemiology, Tehran University of Medical Sciences, Tehran, Iran.
17. **2013- 2016:** Identifying phylodynamic of HIV-1 (specific subtype) in Iran, the Ph.D. thesis of Epidemiology, Kerman University of Medical Sciences, Kerman, Iran.
16. **2013- 2017:** In vitro and clinical trial evaluation of 8 Iranian species of Pomegranate (*Punica granatum L*) as an antifungal agent against more prevalent specimens in patients with oral candidiasis, PhD thesis, Pasteur Institute of Iran, Tehran, Iran.
15. **2012-2013:** Association of the relation between viral load and Cytokines level of IL-1 α , IL-6, IL 10 and TNF- α with the severity of Crimean Congo Hemorrhagic Fever diseases in Iranian patients, MSc. thesis of Microbial Biotechnology, Payam Noor University, Tehran, Iran.
14. **2012- 2020:** Molecular and seroepidemiological survey of rodent infection against Leptospirosis in three northern provinces of Iran using culture, microagglutination test and polymerase chain reaction (PCR), Ph.D. thesis, Pasteur institute of Iran, Tehran, Iran.
13. **2012- 2018:** Development of a method for detection of recent HIV infections and comparison with BED-CEIA, Ph.D. thesis of Biotechnology, Pasteur institute of Iran, Tehran, Iran.
12. **2012- 2014:** Comprehensive study on Crimean-Congo haemorrhagic fever virus variants circulation in Iran, Ph.D. thesis of Microbiology, Pasteur Institute of Iran, Tehran, Iran.
11. **2012-2013:** A survey of Crimean Congo Haemorrhagic Fever in camel's blood serum by ELISA method and attached ticks by RT-PCR technique in the north east of Iran; Ph.D. thesis of Internal veterinary medicine, Ferdowsi University, Mashhad, Iran.
10. **2012-2013:** Spatial and temporal modelling of multiple sclerosis in Tehran; MSc. thesis of Epidemiology, Tehran University of Medical Sciences, Tehran, Iran.
9. **2011-2013:** Determination of viral infection rate of hard ticks to Crimean Congo haemorrhagic fever and their distribution pattern using Geographic Information System (GIS) in the Kashan district, Isfahan province; MSc. thesis of Medical Entomology, Tehran University of Medical Sciences, Tehran, Iran.
8. **2011-212:** Determination of virulence factors of EPEC strains isolated from diarrheal and asymptomatic persons, MSc thesis of Biology, Science and Research Branch, Islamic Azad University, Tehran, Iran.
7. **2011-2012:** Determining the virulence factors of E-coli enteropathogenic atopic in diarrheal patient, MSc. thesis of Medical Microbiology, Pasteur Institute of Iran, Tehran, Iran.
6. **2011- 2014:** Investigation of miRNA biomarkers role involved in Notch1 signaling pathway in Acute Lymphoblastic Leukemia (ALL) as biomarkers in the diagnosis and therapeutic purposes; PhD thesis of Medical Biotechnology, Pasteur Institute of Iran, Tehran, Iran.

5. **2011- 2014:** Evaluation of miRNAs expression on genes-mediated inhibition of metastatic breast cancer; Ph.D. thesis of Medical Biotechnology, Pasteur Institute of Iran, Tehran, Iran.
4. **2010-2011:** Evaluation of the effects of *Mentha Spicata* Essence against *Listeria monocytogenes* in traditional Lighvan Cheese; DVM thesis, University of Tabriz, Tabriz, Iran.
3. **2010-2011:** Descriptive study of dystocias due to fetal monstrosities referred to the Faculty of Veterinary Medicine, University of Tabriz during 2006-2010, University of Tabriz, Tabriz, Iran.
2. **2010-2012:** Evaluation of presence of BoLA-DRB3 resistance and susceptible alleles in Iranian cattle breeds about bovine leukemia virus; PhD thesis of Clinical Pathology, Faculty of veterinary medicine, University of Tehran, Tehran, Iran.
1. **2010-2011:** Relationship between mutations in the coding parts of genes XRCC2 with differentiated thyroid carcinoma: a case-control study; MSc thesis of Clinical Biochemistry, Tehran University of Medical Sciences, Tehran, Iran.

8. Teaching experience

8-1- The teaching of academic courses

- **2015- 2022:** “The urgency of communicable diseases in disasters” to PhD students of Health Disaster, Tehran University of Medical Sciences, Tehran, Iran.
- **2015- 2021:** “Laboratory testing in Field Epidemiology” to MPH students of Field Epidemiology, Tehran University of Medical Sciences, Tehran, Iran.
- **2013- 2015:** “Principles of Epidemiology” to M.Sc. students of Genetics, Golestan University of Medical Sciences, Gorgan, Iran.
- **2013- 2015:** “Molecular Epidemiology” to PhD students of Molecular Medicine, Golestan University of Medical Sciences, Gorgan, Iran.
- **2012- 2022:** “An introduction to GIS” to PhD by research students, Pasteur Institute of Iran, Tehran, Iran.
- **2012- 2018:** “An introduction to GIS” to M.Sc. students of microbiology, Pasteur Institute of Iran, Tehran, Iran.
- **2012-2013:** “Outbreak investigation” to senior experts and managers of Iran veterinary organization, University of Tehran, Tehran, Iran.
- **2012- 2020:** “Epidemiology and Biostatistics” to PhD by research students, Pasteur Institute of Iran, Tehran, Iran.
- **2011:** “Bioinformatics” to PhD students of tissue engineering, Tehran University of Medical Sciences, Tehran, Iran.
- **2011- 2014:** “Strengthening Laboratory and Epidemiology Collaboration” to MPH students of Field Epidemiology, Tehran University of Medical Sciences, Tehran, Iran.
- **2010:** “Occupational disease epidemiology” to students of environmental health, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- **2010- 2022:** “Basic Statistics and Epidemiology” to PhD students of bacteriology, Pasteur Institute of Iran, Tehran, Iran.
- **2009- Present:** “Research methodology” to PhD students of medical biotechnology, Pasteur Institute of Iran, Tehran, Iran.
- **2009- 2018:** “Research methodology” to M.Sc. students of microbiology, Pasteur Institute of Iran, Tehran, Iran.
- **2009:** “Basic Epidemiology”, “Basic Biostatistics” and “Zoonosis diseases” to doctor of veterinary medicine students, University of Tabriz, Tabriz, Iran.
- **2007-2009:** “Basic Biostatistics” to M.Sc. students of veterinary laboratory sciences, Kazeroon Branch, Islamic Azad University, Kazeroon, Iran.
- **2005-2009:** “Basic Epidemiology”, “Basic Biostatistics” and “Zoonosis diseases” to doctor of veterinary medicine students, Kazeroon Branch, Islamic Azad University, Iran.
- **2005-2008:** “Research methodology”, “Basic Epidemiology”, “Basic Biostatistics” and “Zoonosis diseases” to doctor of veterinary medicine students, University of Tehran, Iran.

8-2- Teaching in the workshops

- **2019:** “The ethical considerations of wild animals’ usage in research”, Summer school of ethical considerations of working with laboratory animals, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2018:** “Epidemiology of Plague and Tularemia in the World”. In the international course on Rodents and Rodent borne Diseases, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2017:** “Planning for Field Studies of zoonotic diseases”, in 2nd International Summer School on Field Epidemiology, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2016:** “Ethical considerations in scientific writing”, In: Scientific Writing & critical appraisal. Research Centre for Emerging and Re-emerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2015:** “International training course on Tularemia”, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2015:** “Research Methods”, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Hamadan, Iran.
- **2015:** “Outbreak detection, investigation and control”, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Hamadan, Iran.
- **2015:** “Molecular Epidemiology of bacterial diseases”, Pasteur institute of Iran, Tehran, Iran.
- **2015-2016:** “Scientific Paper Writing and Research Methods”, Pasteur institute of Iran, Tehran, Iran.
- **2014:** “Field Epidemiology of Plague”, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2014:** “Biological defense in health systems”, Kermanshah University of Medical Sciences, Kermanshah, Iran.
- **2013:** “Role of Emergency medical services on controlling the acute respiratory”, for emergency medical dispatchers, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2013:** “Introductory workshop on calculating of burden of influenza disease using data from national electronic surveillance”, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2013:** “Field epidemiology course on emerging and reemerging infectious diseases”, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2012:** “GIS Workshop for Health Professionals”, Isfahan University of Medical Sciences, Isfahan, Iran.
- **2012:** International training course on “HIV Case Reporting and Analysis”, WHO Collaborating centre and Regional Knowledge Hub for HIV Surveillance & World health organization, Tehran, Iran [[Web link](#)].
- **2012:** “Ethical principles in Medical researches”, Pasteur institute of Iran, Tehran, Iran.
- **2012:** “GIS Workshop for Health Professionals”, Pasteur institute of Iran, Tehran, Iran.
- **2011:** “Know Your HIV Epidemic” Training course in sampling methods and analysis for surveys among populations at increased risk of HIV, WHO Collaborating centre and Regional Knowledge Hub for HIV Surveillance & World health organization, Tehran, Iran [[Web link](#)].
- **2011:** “GIS Workshop for Health Professionals”, National meeting of Non-infectious disease experts, Kurdistan University of Medical Sciences, Sanandaj, Iran.
- **2011:** 2nd Course on Second Generation HIV/AIDS Surveillance, Tabriz University of Medical Science, Tabriz, Iran.
- **2011:** “GIS Workshop for Health Professionals”, National meeting of Non-infectious disease experts, Golestan University of Medical Sciences, Gorgan, Iran.

- **2011:** “GIS Workshop for Health Professionals”, 1st Summer School of Research Methodology and Epidemiology, Pasteur institute of Iran, Tehran, Iran [[Web link](#)].
- **2011:** “Research methodology”, 1st Summer School of Research Methodology and Epidemiology, Pasteur institute of Iran, Tehran, Iran [[Web link](#)].
- **2011:** WHO technical training program on Viral Hemorrhagic fevers, Pasteur Institute of Iran, Tehran, Iran.
- **2011:** 1st Course on Second Generation HIV/AIDS Surveillance, Tehran, Iran.
- **2011:** How to use EndNote? Pasteur institute of Iran, Tehran, Iran.
- **2010:** International training course on “Facility-Based HIV Surveillance”, WHO Collaborating centre and Regional Knowledge Hub for HIV Surveillance & World health organization & Pasteur Institute of Iran, Tehran, Iran [[Web link](#)].
- **2010:** International training course on “Population Size Estimation”, WHO Collaborating centre and Regional Knowledge Hub for HIV Surveillance, Kerman University of Medical Sciences, Kerman, Iran [[Web link](#)].
- **2010:** “GIS Workshop for Health Professionals”, Pasteur institute of Iran, Tehran, Iran.
- **2010:** “GIS Workshop for Health Professionals”, Tehran University of Medical Sciences, Tehran, Iran.
- **2010:** “GIS Workshop for Health Professionals”, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- **2009:** International training course in new sampling methods for surveys among population at increased risk of HIV, WHO Collaborating centre and Regional Knowledge Hub for HIV Surveillance, Tehran, Iran [[Web link](#)].
- **2009:** “GIS Workshop for Health Professionals”, Tehran University of Medical Sciences, Tehran, Iran.
- **2009:** “GIS Workshop for Health Professionals”, Kerman University of Medical Sciences, Kerman, Iran.
- **2008:** “Detection Methods for Crimean Congo Hemorrhagic Fever disease”, Pasteur Institute of Iran, Tehran, Iran.
- **2007:** “Research Methodology”, Razi Vaccine and Serum Research Institute, Karaj, Iran.

8-3- Invited Speaker

- **2019:** Zoonotic emerging and reemerging infectious diseases in Eastern Mediterranean region, Meeting on challenges of zoonoses control and prevention, University of Tehran.
- **2018:** Overview of emerging zoonotic infections in the Region, Inter-country meeting on strategic framework for prevention and control of emerging and epidemic prone diseases in the Eastern Mediterranean Region, Amman, Jordan.
- **2018:** Plague in Iran; from the past to the present, International conference on plague prevention and control, Harbin, China [[Web link](#)].
- **2018:** Zoonosis Emerging and Re-emerging Infectious Diseases, 4th ICMM Pan Asia Pacific congress on Military Medicine, Conference Hall of the Sound and Television, Tehran, Iran.
- **2018:** The last update of Tularemia in Iran, 19th international congress of Iran's Microbiology, Tehran University of Medical Sciences, Tehran, Iran [[Web link](#)].
- **2018:** How much is the world prepared for the next pandemics? 10th convention of Iranian veterinary clinicians, Kerman, Iran.
- **2018:** Rodent-Borne Diseases and Their Public Health Importance in Iran, International conference on integrative approaches of rodent studies, Ferdowsi University of Mashhad, Mashhad, Iran.
- **2018:** A review on Plague studies in Iran and a hint for archaeological studies, Cultural Heritage and Tourism Research Center, Tehran, Iran [[Web link](#)].
- **2018:** Epidemiology of Human Influenza, Focal Point Meeting of Infectious Diseases Specialists of the Universities of Medical Sciences, Ministry of Health and Medical Education, Tehran, Iran [[Web link](#)].
- **2017:** Hospital Epidemiologists; Roles and Responsibilities, 1st Symposium of Epidemiology and Nosocomial infection control, Shahid Beheshti University of Medical Sciences, Tehran, Iran [[Web link](#)].
- **2017:** Brucellosis Epidemiological Surveillance System, The 3rd international & 7th Iranian national congress of Brucellosis, Shahid Beheshti University of Medical Sciences, Tehran, Iran [[Web link](#)].

- **2017:** An overview of the last outbreaks of emerging and reemerging infectious diseases in neighboring countries of Iran, 18th international congress of Iran's Microbiology, Tehran University of Medical Sciences, Tehran, Iran [[Web link](#)].
- **2017:** How much is the world prepared for the next Pandemic? 1st meeting on integrated surveillance system in human animal and environment, Pasteur institute of Iran, Tehran, Iran [[Web link](#)].
- **2016:** The Epidemiology of *Yersinia pestis*, *Francisella tularensis* and *Coxiella burnetii* in Iran: An update, 1st congress of infection and immunity, Shiraz University, Shiraz, Iran [[Web link](#)].
- **2016:** An introduction to the application of Health GIS and the importance of hazard, risk and vulnerability maps of communicable diseases, Meeting of disaster experts of Iran Medical universities, Ministry of Health and Medical Education, Iran [[Web link](#)].
- **2016:** Emerging and Re-emerging Infectious Diseases and Major Factors Contributing to their Emergence, 1th International Congress of Clinical Epidemiology the 8th National Iranian Epidemiology Congress, Ilam, Iran [[Web link](#)].
- **2016:** “Emerging and Re-emerging Infectious Diseases”, Zika Virus Seminar, Pasteur institute of Iran, Tehran, Iran [[Web link](#)].
- **2015:** “An introduction to activities and plans of research centre for emerging and reemerging infectious diseases”, 391th meeting of public health group, Academy of Medical Sciences, Tehran, Iran.
- **2015:** “An introduction to research centre for emerging and reemerging infectious diseases”, 16th International Congress of Microbiology, Tehran, Iran [[Web link](#)].
- **2014:** “The Epidemiology of Ebola virus disease”, Ebola Symposium; scientific facts and challenges, Tehran University of Medical Sciences, Tehran, Iran [[Web link](#)].
- **2014:** “Emerging and reemerging infectious diseases, a challenge for public health in Iran”, 2nd national congress of Healthy population, Lorestan University of Medical Sciences, Khoram Abad, Iran.
- **2013:** “Epidemiology of zoonotic emerging and reemerging infectious diseases in Iran”, 14th international Iranian congress of microbiology, Tehran, Iran.
- **2012:** “An Overview of Q Fever in Iran”, Endemic and Emerging Infectious Diseases of Priority in the Middle East and North Africa, Istanbul, Turkey [[Web link](#)].
- **2011:** “Emerging infectious disease”, 4th Congress of Laboratory and Clinic, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- **2011:** “The epidemiological aspects of Crimean Congo hemorrhagic fevers in Iran”, 7th National congress of Zoonotic diseases, Yasuj, Kohgiluyeh and Buyer Ahmad, Iran.
- **2011:** “Virology, diagnosis and new aspects of Crimean-Congo Hemorrhagic Fever (CCHF)”, National training course on zoonotic disease with a focus on viral Hemorrhagic fevers, Khoram Abad, Lorestan, Iran.

9. Other Skills

Expert in using statistical softwares, ArcGIS, Endnote and applying advanced functions in MS Word, MS Excel and MS PowerPoint.

10. Attended courses/ workshops/ meetings

10-1- Attended international courses/ meetings

- **2024:** Engaging National Public Health Institutes (NPHIs) in Emergency Preparedness and Response in WHO Eastern Mediterranean Region (EMR), Cairo, Egypt.
- **2023:** Technical Advisory Group on Arboviruses (TAG-Arbovirus), Accra, Ghana.
- **2023:** Technical workshop to establish genomic surveillance network in the eastern Mediterranean region for emerging & re-emerging infectious diseases, Amman, Jordan.
- **2022:** Meeting of the Global Outbreak Alert and Response Network (GOARN) Capacity Building and Training Partners, Singapore (**WHO temporary advisor**).
- **2022:** The international course on plague: Laboratory diagnosis and surveillance, Antananarivo, Madagascar (**Speaker and facilitator**).

- **2022:** International Symposium “Yersinia 14”, Saint-Petersburg, Russia (**Scientific member committee, and Speaker**).
- **2019:** International Symposium “Yersinia 13”, Antananarivo, Madagascar (**Scientific member committee, and Speaker**).
- **2019:** WHO meeting, Strategic framework for prevention and control of emerging and epidemic-prone diseases in the WHO Eastern Mediterranean Region Cairo, Egypt (**WHO temporary advisor**).
- **2019:** WHO meeting, Consultation meeting for review and validation of strategic framework for prevention and control of emerging and epidemic-prone diseases in the Eastern Mediterranean Region. Cairo, Egypt (**WHO temporary advisor**).
- **2019:** WHO meeting, Expert meeting on Innovative control approaches of rodent-borne epidemic diseases and other public health consequences of rodents, Lima, Peru.
- **2019:** XIth IEA-EMR scientific meeting of Eastern Mediterranean region of International Epidemiological association, Beirut, Lebanon.
- **2018:** Combating resistance: microbes and vectors Symposium, November, Paris, France.
- **2018:** WHO meeting on plague vaccine evaluation, INSERM, Paris, France
- **2018:** WHO meeting, Technical Workshop of the National Strategy for the Prevention and Control of Plague in Madagascar, Mantasoa, Madagascar (**WHO temporary advisor**).
- **2018:** WHO mission to assess the capacity for the entomological and the disease surveillance, laboratory, and optimal case management of CCHF and Dengue fever, Kabul, Afghanistan (**WHO temporary advisor**).
- **2018:** WHO meeting, One Health Framework for Action for the WHO Eastern Mediterranean Region, Amman, Jordan (**WHO temporary advisor**).
- **2018:** WHO meeting, Inter-country meeting on the strategic framework for prevention and control of emerging and epidemic-prone diseases in the Eastern Mediterranean Region, Amman, Jordan (**WHO temporary advisor**).
- **2017:** WHO meeting, Global Meeting of Partners (GMP) of GOARN, WHO Headquarters, Geneva, Switzerland.
- **2017:** WHO Exploratory meeting of the Global Alliance of Laboratories for the Diagnosis of High Threat Pathogens, WHO Headquarters, Geneva, Switzerland.
- **2016:** World Health Organization participated in a consultative Meeting of outbreak alert and response network partners in the Eastern Mediterranean Region, Cairo, Egypt (**WHO temporary advisor**).
- **2015:** WHO Meeting on prevention and control of Crimean Congo Haemorrhagic fever in Eastern Mediterranean Region, Muscat, Oman (**WHO temporary advisor**).
- **2015:** WHO Meeting on establishing an outbreak alert and response network in the Eastern Mediterranean Region, Casablanca, Morocco.
- **2015:** WHO regional workshop on strengthening integrated surveillance of food-borne diseases and antimicrobial resistance, Tehran, Iran.
- **2015:** Multi-country workshop of World Health Organization meeting for analysis of data from national anti-TB drug resistance surveys, Geneva, Switzerland.
- **2014:** Investigating Natural Soil-based Plague Reservoirs, Centre for Ecological and Evolutionary Synthesis, Oslo, Norway.
- **2014:** Modeling of Infectious Diseases, Institut Pasteur, Paris, France.
- **2014:** 4th Asia-Pacific Dengue Surveillance and Control Workshop; the National Environment Agency, Singapore.
- **2014:** Leadership training for the Global Outbreak Alert and Response Network (GOARN), Sweime, Jordan.
- **2014:** Online course of “Basic & Advanced Security in the Field II”, Department of Safety and Security, United Nations Foundations.
- **2013:** WHO Meeting on Global Influenza at the human-animal interface, Cairo, Egypt.
- **2012:** WHO Meeting on Global Outbreak Alert and Response Network (GOARN), Casablanca, Morocco.

- **2012:** Endemic and Emerging Infectious Diseases of Priority in the Middle East and North Africa, Istanbul, Turkey.
- **2011:** Field Epidemiology training on plague, Pasteur Institute of Madagascar, Antananarivo, Madagascar.
- **2010:** Strategic Planning and Management of the Knowledge Hubs on capacity building in HIV/AIDS surveillance, Zagreb, Croatia.
- **2010:** Research Training in Public Health, Erasmus Summer Programme, Rotterdam, the Netherlands.

10-2- Attended national courses/ workshops

- **2019:** Prevention and control of cutaneous leishmaniasis, Tehran University of Medical Sciences, Tehran, Iran.
- **2018:** Participatory Management, Industrial Research & Training Center of Iran, Tehran, Iran.
- **2017:** Summer School of Medical Ethics, Shiraz University of Medical Sciences, Shiraz, Iran.
- **2017:** Bio-risk Management, Pasteur Institute of Iran, Tehran, Iran.
- **2016:** Taxonomy, Phylogeny, Molecular Epidemiology & Rodent borne diseases, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2016:** Infection Control, Pasteur Institute of Iran, Tehran, Iran.
- **2016:** Malaria Elimination, Hamadan University of Medical Sciences, Hamadan, Iran.
- **2015:** Strengthening integrated surveillance of foodborne diseases and antimicrobial resistance, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- **2013:** Scientific and Professional Ethics, Pasteur Institute of Iran, Tehran, Iran.
- **2012:** Advanced summer school course for “Design and analysis of case-control studies”, Iranian Epidemiological Association, Tehran, Iran.
- **2012:** Operational budgeting, Pasteur Institute of Iran, Tehran, Iran.
- **2011:** Modeling of Infectious Diseases, Tehran University of Medical Sciences, Tehran, Iran.
- **2010:** Ethical considerations in HIV-related research, Tehran University of Medical Sciences, Tehran, Iran.
- **2010:** Bias analysis; Shahroud University of Medical Sciences, Shahroud, Iran.
- **2010:** Evidence-Based Medicine workshop; Shahroud University of Medical Sciences, Shahroud, Iran.
- **2010:** Survival analysis; Ilam University of Medical Sciences, Ilam, Iran.
- **2010:** An Introduction to STATA; Kerman University of Medical Sciences, Kerman, Iran.
- **2009:** International course of Population Size Estimation; Kerman University of Medical Sciences, Kerman, Iran.
- **2009:** Systematic Review and Meta-analysis; Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- **2008:** Research in Education, Ministry of Health and Medical Education; Tehran, Iran.
- **2008:** An Introduction to Geographic Information System (ArcGIS); Statistical Research and Training Center, Tehran, Iran.
- **2007:** An Introduction to Geographic Information System (ArcView); Ministry of Health and Medical Education, Tehran, Iran.
- **2006:** Early detection and response to infectious diseases; Tehran University of Medical Sciences, Tehran, Iran.
- **2006:** Rapid detection of pathogens by using molecular techniques; University of Tehran, Tehran, Iran.
- **2006:** Disaster Epidemiology, Tehran University of Medical Sciences; Tehran, Iran.
- **2003:** Extraction, purification and characterization of natural antimicrobial products; University of Shiraz, Shiraz, Iran.

11. Society/ association membership

- **2015- 2022:** Tularemia International Society.

- **2010- 2015:** Global Network of Researchers on HIV/AIDS in the Middle East and North Africa (GNR-MENA).
- **2010- 2015:** International AIDS Society (IAS).
- **2007- 2020:** Iranian Public Health Association.
- **2006- Present:** Iranian Epidemiological Association.
- **2005- 2020:** International Epidemiological Association.
- **2003- Present:** Shiraz University Alumni Association.
- **2003- Present:** Young Iranian Elites Association.
- **2002:** Iranian Specialist Association.

12. Committee responsibilities/ membership

- **2023-2024:** National technical committee to review IHR reforms, Ministry of Health, Tehran, Iran.
- **2021-2025:** Committee for Ethics in Biomedical Research, Institute for Cognitive Science Studies, Tehran, Iran.
- **2020- Present:** Committee for Ethics in Biomedical Research, Razi Vaccine and Serum Research Institute, Karaj, Iran.
- **2019:** Scientific committee of XIIth IEA-EMR scientific meeting, Beirut, Lebanon.
- **2019:** Member of Eastern Mediterranean Acute Respiratory Infection Surveillance (EMARIS) Planning Committee [[Web link](#)].
- **2018-Present:** Member of the National Committees of Aedes Borne Diseases, Ministry of Health and Medical Education, Tehran, Iran.
- **2016-Present:** Scientific committee of International and Iranian Congress of Microbiology, Tehran University of Medical Sciences, Tehran, Iran.
- **2016:** Scientific committee of 1st Congress of Infection and Immunity, Shiraz University, Tehran, Iran [[Web link](#)].
- **2016:** Scientific committee of 19th Iranian Veterinary Congress, Iran University of Medical Sciences, Tehran, Iran [[Web link](#)].
- **2016:** Infectious Diseases Committee, Development of Stem Cell Sciences and Technologies Council at Vice-Presidency for Science and Technology, Tehran, Iran.
- **2015-2016:** Scientific committee of 8th National Congress of Epidemiology and the 1st International Congress of Clinical Epidemiology, Ilam University of Medical Sciences, Ilam, Iran [[Web link](#)].
- **2015- Present:** National expert committees for Influenza, Ebola, and Zika, Ministry of Health and Medical Education, Tehran, Iran.
- **2015- 2018:** Member of the Strategic Council for Management Development, Pasteur Institute of Iran, Tehran, Iran.
- **2015- 2018:** The Postdoc Advisory Committee, Pasteur Institute of Iran, Tehran, Iran.
- **2014-2017:** National reference laboratory committee, Pasteur Institute of Iran, Tehran, Iran.
- **2014-2023:** Biosafety committee, Pasteur Institute of Iran, Tehran, Iran.
- **2014- 2017:** Plenipotentiary representative of Pasteur Institute of Iran in continuing education programs.
- **2014- 2016:** National expert committee for MERS-CoV, Ministry of Health and Medical Education, Tehran, Iran.
- **2013-2018:** Scientific secretary of research festival at Pasteur Institute of Iran, Tehran, Iran.
- **2013:** Scientific committee of 7th National Congress of Epidemiology, Yasuj University of Medical Sciences, Yasuj, Iran [[Web link](#)].
- **2013- Present:** Focal point of Pasteur Institute of Iran in the WHO Global Outbreak Alert and Response Network (GOARN).
- **2012- 2018:** Scientific committee of Research ceremony, Pasteur Institute of Iran, Tehran, Iran.
- **2012- 2017:** Representative of Research deputy of the Ministry of Health in the technical committee of Monitoring of health [[Web link](#)].
- **2012- 2014:** Central committee of development (Roshd), Pasteur Institute of Iran, Tehran, Iran.
- **2012:** Institutional committee of volleyball, Pasteur Institute of Iran, Tehran, Iran.

- **2012-2013:** Management committee for quality assurance, Pasteur Institute of Iran, Tehran, Iran.
- **2011-2012:** Committee of compilation of a manual for research regulations, Pasteur Institute of Iran, Tehran, Iran.
- **2011- 2014:** National Committee of the monitoring, evaluation and promotion of PhD by research in Iran.
- **2011- Present:** Rapid response team of infectious disease committee, Pasteur Institute of Iran, Tehran, Iran.
- **2011:** Scientific Director of 1st Summer School of Research Methodology and Epidemiology, Pasteur Institute of Iran, Tehran, Iran.
- **2010- 2025:** Ethics Committee, Pasteur Institute of Iran, Tehran, Iran.
- **2010- 2015:** Student Research Committee, Pasteur Institute of Iran, Tehran, Iran.
- **2010- 2014:** Research committee of WHO Collaborating Centre and Regional Knowledge Hub for HIV Surveillance, Kerman University of Medical Sciences, Kerman, Iran.
- **2010:** Committee to determine the strategic plan of Pasteur Institute of Iran.
- **2010:** Committee to determine the research priorities of Pasteur Institute of Iran.
- **2010:** The Chairmen of the High-Risk panel, the first national student congress of socioeconomic determinants of health, Iran University of Medical Sciences, Tehran, Iran.
- **2009- 2015:** Scientometric Committee of Pasteur Institute of Iran.
- **2008:** Professional Committee of Zoonotic Diseases, Iran Veterinary Council Organization.
- **2008:** Committee for developing a strategic research program for the CCHF vaccine.
- **2005:** First symposium on highly pathogenic avian influenza, Tehran, Iran.
- **2005-2006:** Iran Veterinarian Association Board Member.
- **2002:** Executive Committee of Health Poultry seminar, Shiraz, Iran.
- **2001:** Expert group prioritizing the research in Fars province.
- **2001:** Creativity festival committee of Shiraz University.
- **2001:** Supervisory committee of student publications at Shiraz University.
- **2000-2001:** Responsible manager of Jarfa Quarterly magazine (Internal magazine of Student Affairs, School of Veterinary Medicine, University of Shiraz).
- **2000:** Executive Committee of Veterinary Surgery Symposium, Shiraz.
- **1999-2000:** Union Council of Faculty of Veterinary Medicine, Shiraz University.
- **1998-2000:** Responsible for public relations, Jihad Daneshgahi, Faculty of Veterinary Medicine, University of Shiraz.
- **1999:** Executive Committee of Veterinary Day Celebration, Shiraz.
- **1999:** Executive Committee of drought and its effects on Veterinary Medicine exhibition, Shiraz.
- **1999:** Executive Committee of Veterinary Students meeting, Shiraz.
- **1998-1999:** Editor and Director responsible for "Phoenix" and "Ta Farda" Magazines (Internal Magazines of Veterinary Students of Shiraz University).

13. Countries visited

- **Asia (14 countries):** Saudi Arabia (2002), Thailand (2005, 2014, 2024), Lebanon (2010, 2019), Syria (2010), Turkey (2010, 2012, 2013), United Arab Emirates (2011, 2014, 2016), Qatar (2012, 2015, 2018), Oman (2013, 2014), Egypt (2013, 2016, 2019, 2024), Jordan (2014, 2018) Azerbaijan (2014), Singapore (2014, 2022), Afghanistan (2018), China (2018), Russia (2022).
- **Europe (10 countries):** Austria (2010, 2014, 2015), Netherlands (2010), Slovakia (2010), Croatia (2010, 2015), England (2011), Scotland (2011), France (2012, 2014, 2018, 2018, 2024), Switzerland (2012, 2015, 2017, 2017, 2024), and Norway (2014), Georgia (2016),
- **Africa (6 countries):** Ghana (2023), Kenya (2011, 2018), Madagascar (2011, 2018, 2019, 2022), Tunis (2012), and Morocco (2012, 2015), Mauritania (2019).
- **America (2 countries):** Brazil (2019), Peru (2019)

14. Journal editorial board

14-1- Executive Manager

- Iranian Journal of Epidemiology [[Web link](#)]

14-2- Editorial Board

- Epidemiology and Health [[Web link](#)].
- Iranian Journal of Epidemiology [[Web link](#)].
- Journal of Occupational Health and Epidemiology [[Web link](#)].