

# Curriculum Vitae

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## 1. General information

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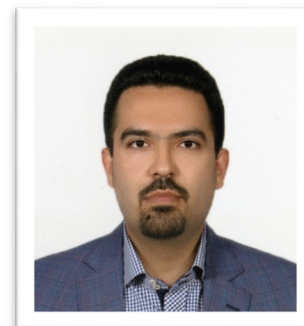
**Forename:** Ehsan

**Title:** DVM, PhD in Epidemiology

**Date, Place of Birth:** May 11, 1979; Eghlid, Fars Province, Iran.

**Marital Status:** Married, One child.

**Current Position:** Associate Professor



- Director, International affairs and public relations office, Pasteur Institute of Iran, Tehran, Iran
- Director, Department of Epidemiology and Biostatistics, Pasteur Institute of Iran, Tehran, Iran
- Director, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Tehran, Iran
- Director, National Reference laboratory for Plague, Tularemia and Q fever, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran
- Member of IHR roster of experts of WHO HQ in human-animal interface
- Member of roster of experts of WHO EMRO for the infectious hazard management
- Focal point of Pasteur Institute of Iran in WHO Global Outbreak Alert and Response Network (GOARN)
- WHO Eastern Mediterranean regional office (EMRO) temporary advisor
- Member of board of directors of the Iranian Epidemiological Association
- Executive Manager of Iranian Journal of Epidemiology

## 2. Contact information

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## 1. Position

- **2019-Present:** Director, International affairs and public relations office, Pasteur Institute of Iran, Tehran, Iran.
- **2018- Present:** Member of IHR roster of experts of WHO HQ in human-animal interface and Roster of Experts of WHO EMRO for the Infectious Hazard Management.
- **2018- 2019:** Education Manager, Pasteur Institute of Iran, Tehran, Iran.
- **2013- 2018:** Research Manager, Pasteur Institute of Iran, Tehran, Iran.
- **2015- Present:** WHO Eastern Mediterranean regional office (EMRO) temporary advisor.
- **2013-2018:** Research Manager, Pasteur Institute of Iran, Tehran, Iran.
- **2012- Present:** Director, Research Centre for Emerging and Reemerging infectious diseases, Pasteur Institute of Iran, Akanlu, Kabudar Ahang, Hamadan, Iran.
- **2012-Present:** Focal point of Pasteur Institute of Iran in WHO global outbreak alert and response network (GOARN).
- **2010- Present:** Director, Department of Epidemiology and Biostatistics, Pasteur Institute of Iran, Tehran, Iran.
- **2010- Present:** Academic staff, Department of Epidemiology and Biostatistics, Pasteur Institute of Iran, Tehran, Iran.
- **2009- 2018:** 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
- Geographic Information System (GIS)
- Outbreak Investigation and Response
- Surveillance of HIV/AIDS and STD
- History of Medicine
- Scientometrics

## 4. Awards

- **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 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 [[Web link](#)].

- **2000:** Excellent Student among students of University of Shiraz, Shiraz, Iran.
- **1999:** Distinct Student among students in the Faculty of Veterinary Medicine, Shiraz University, Shiraz, Iran.

## 5. Publications

### 5-1- Book

- **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 communicable 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

- **2019:** Salehi Vaziri M., **Mostafavi E.**, Pouriayevali MH., Fazlalipour M., “Aedes borne diseases” 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.
- **2014:** Holakouie-Naieni K., Ansari H., Izadi S., **Mostafavi E.**, Zeinali M., Crimean Congo Hemorrhagic Fever, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 117-132.
- **2014:** Gouya MM., Nabavi M., Ansari F., **Mostafavi E.**, Cholera, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 171-178.
- **2014:** Haghghi M., Nabavi M., **Mostafavi E.**, Leptospirosis, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 235-240.
- **2014:** **Mostafavi E.**, Q fever, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 257-264.
- **2014:** Amirkhani A., **Mostafavi E.**, Plague, In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 265-274.

### 5-3- Papers

- 2019:** Esmaeili S., Ghasemi A., Naserifar R., Jalilian A., Molaeipoor L., Maurine M., **Mostafavi E.**, Epidemiological survey of tularemia in Ilam Province, west of Iran, BMC Infectious Diseases, 19:502 [[Web Link](#)] [ISI, PubMed, Scopus; **IF: 2.56**] (*Corresponding Author*).

- 214: 2019:** Mazhari N., Moosavi P., **Mostafavi E.**, Esfandiari B., Mobedi I., Rahimi Esboei B., Mowlavi, GR. Intestinal Parasitic Helminths of *Rattus* spp. in Caspian Sea Littoral, Iran, *Journal of Medical Microbiology and Infectious Diseases*, [[Web Link](#)].
- 213: 2019:** Maslehat S., **Mostafavi E.**, To the Memory of Mohammad Hanifi, a Prominent Expert on the Plague in the Pasteur Institute of Iran, *Journal of Research on History of Medicine*; 8(3): 179-190 [[Web Link](#)] (*Corresponding Author*).
- 212: 2019:** Shahbazi N., Firouz SK., Karimi M., **Mostafavi E.**, Seroepidemiological survey of Crimean-Congo haemorrhagic fever among high-risk groups in the west of Iran. *Journal of Vector Borne Diseases*, 56:174-7 [[Web Link](#)] [ISI, PubMed, Scopus; **IF: 1.47**] (*Corresponding Author*).
- 211: 2019:** Esmaeili S., Bagheri Amiri F., Mokhayeri H., Kayedi MH., Maurin M., Rohani M., **Mostafavi E.**, Seroepidemiological study of Q fever, brucellosis and tularemia in butchers and slaughterhouses workers in Lorestan, western of Iran, *Comparative Immunology, Microbiology and Infectious Diseases*, 66(101322) [[Web Link](#)] [ISI, PubMed, Scopus; **IF: 1.87**] (*Corresponding Author*).
- 210: 2019:** Salehi-Vaziri M., Salarian Kaleji A., Fazlalipour M., Jalali T., Mohammadi T., Khakifirouz S., Baniasadi V., Pouriayevali MH., Mahmoudi A., Tordo N., **Mostafavi E.**, Hantavirus infection in Iranian patients suspected to viral hemorrhagic fever, *Journal of medical virology*, [[Web Link](#)] [ISI, PubMed, Scopus; **IF: 2.37**].
- 209: 2019:** Gharibzadeh S., Mostafavi E., Nadim A., Mohammad K., Sadrizadeh B., Mesdaghinia AR., Gouya MM., Dr. Hossein Malekafzali: A Pioneer in Iran's Health Evolution and Development, *Archives of Iranian Medicine*, 22(5):272-276 [[Web Link](#)] [ISI, PubMed, Scopus; **IF: 1.02**] (*Corresponding Author*).
- 208: 2019:** Ghasemian R., **Mostafavi E.**, Esmaeili S., Arabsheybani S., Davoodi L., Epidemiologic Investigation of Acute Q Fever in North of Iran, *Journal of Mazandaran University of Medical Sciences*, 29 (173): 100-106 (Persian) [[Web Link](#)] [Scopus].
- 207: 2019:** Khalili, M., Aflatoonian MR., Hemati M., **Mostafavi E.**, Aflatoonian B., Dengue Fever Serology in Febrile Patients in Southeast Iran, *Journal of Kerman University of Medical Sciences*, 26 (1): 90-94 [[Web Link](#)] [Scopus].
- 206: 2019:** Rohani M., Hashemi Shahraki A., Ghasemi A., Esmaeili S., Karadenizli A., **Mostafavi E.**, The prevalence of *Francisella* spp. in different natural surface water samples collected from northwest of Iran, *Iranian Journal of Microbiology*, 11(1): 19-24 [[Web Link](#)] [ISI, PubMed, Scopus] (*Corresponding Author*).
- 205: 2019:** **Mostafavi E.**, Molaeipoor L., Esmaeili S., Ghasemi A., Kamalizad M., Yousefi Behzadi M., Naserifar R., Rohani M., Hashemi Shahraki A., Seroprevalence of Q fever among high-risk occupations in the Ilam province, the west of Iran. *PLoS ONE* 14(2):e0211781 [[Web Link](#)] [ISI, PubMed, Scopus; **IF: 3.73**] (*Corresponding Author*).
- 204: 2019:** Esmaeili, S., Mohabati Mobarez, A., Khalili, M., **Mostafavi E.**, Moradnejad P., Molecular prevalence of *Coxiella burnetii* in milk in Iran: a systematic review and meta-analysis, *Tropical Animal Health and Production*, [[Web Link](#)] [ISI, PubMed, Scopus; **IF: 0.975**].
- 203. 2019:** Esmaeili S., Mohabati Mobarez A., Khalili M., **Mostafavi E.**, Moradnejad P., Genetic evidence of *Coxiella burnetii* infection in acute febrile illnesses in Iran, *PLoS Neglected Tropical Diseases*, 13 (2), e0007181 [[Web Link](#)] [ISI, PubMed, Scopus; **IF: 3.94**].
- 202. 2018:** Esmaeili S., Mohabati Mobarez A., Khalili M., **Mostafavi E.**, High Prevalence and risk factors of *Coxiella burnetii* in milk of dairy animals with a history of abortion in Iran, *Comparative Immunology, Microbiology and Infectious Diseases*, 63, 127-130 [[Web Link](#)] [ISI, PubMed, Scopus; **IF: 1.92**].
- 201. 2018:** Maslehat S., **Mostafavi E.**, The History of Milk Pasteurization in Iran and the Role of Pasteur Institute in Its improvement, *Journal of Medical Microbiology and Infectious Diseases*, 6(4), 87-90 [[Web Link](#)] (*Corresponding Author*).
- 200. 2018:** Moosavy MH., Salahipor MH., **Mostafavi E.**, Khatibi S.A., Risk factors for human brucellosis in Mianeh, Iran, *Journal of zoonotic diseases*, 3 (1), 10-21 [[Web Link](#)].
- 199. 2018:** Maslahat S., **Mostafavi E.**, Remembering Dr. Valiollah Assefi, the father of Leprology in Iran, *Journal of Research on History of Medicine*; 7(3) 157-164 [[Web Link](#)] (*Corresponding Author*).

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197. 2018: Moradi A., **Mostafavi E.**, Zahirnia AH., Rahimi M., Zangeneh M., Epidemiology of Local Transmission of Leishmaniasis in Bahar City, 2015. *JNKUMS*, 10 (2): 7-12 [[Web Link](#)].
196. 2018: Mansoori P., Majdzadeh R., Abdi Z., Rudan I., Chan KY, et al., **Mostafavi E.**, et al. Setting research priorities to achieve long-term health targets in Iran, *Journal of Global Health*, 8: 020702 [[Web Link](#)] [*ISI, PubMed, Scopus; IF: 4.19*].
195. 2018: Rohani M., Mohsenpour B., Ghasemi A., Esmaeili S., Karimi M., Neubauer H., Tomaso H., **Mostafavi E.**, A case report of human tularemia from Iran, *Iranian Journal of Microbiology*, 10(4):250-253 [[Web Link](#)] [*PubMed, Scopus*] (*Corresponding Author*).
194. 2018: Chegeni A.H., **Mostafavi E.**, Mohammadi A., Mahmoudi A., Kayedi MH., The parasitism of Persian jird by immature stages of *Hyalomma asiaticum* (Acari: Ixodidae) and its identification using molecular approaches in Iran, *Persian Journal of Acarology*, 7(4): 313–392 [[Web Link](#)] [*Scopus*].
193. 2018: Mahdavi S., Enayatrad M., MP de Almeida A., **Mostafavi E.**, In Memory of Dr. Mahmoud Bahmanyar, an International Researcher of the Pasteur Institute of Iran, *Archives of Iranian Medicine*, 21(9):428-433 [[Web Link](#)] [*ISI, PubMed, Scopus; IF: 1.02*] (*Corresponding Author*).
192. 2018: Maslahat S., **Mostafavi E.**, The role of Pasteur Institute of Iran in disinfection of drinking water of Tehran (1950-1954), *Research on History of Medicine*, 7(2): 115-124, [[Web Link](#)] (*Corresponding Author*).
191. 2018: Asadi H., **Mostafavi E.**, The Productivity and Characteristics of Iranian Biomedical Journal: A Scientometric Analysis, *Iranian Biomedical Journal*, 22(6), 362-366 [[Web Link](#)] [*PubMed, Scopus*] (*Corresponding Author*).
190. 2018: Mohammadpour R., **Mostafavi E.**, A Historical Report of Plague Outbreak in Northwestern Iran, 1966, *Journal of Medical Microbiology and Infectious Diseases*, 6(1): 20-24 [[Web Link](#)] (*Corresponding Author*).
189. 2018: Ghasemnejad A., **Mostafavi E.**, In Honor of Dr. Ahmad Fayaz, A Prominent Rabies Researcher, *Archives of Iranian Medicine*, 21(6): 268-272 [[Web Link](#)] [*ISI, PubMed, Scopus; IF: 1.02*] (*Corresponding Author*).
188. 2018: Garshasbi V., Naddaf SR., Aghighi Z., Hassan N., Pooya M., **Mostafavi E.**, Leptospirosis in Caspian Sea littoral, Gilan Province, Iran, *Acta Tropica*, 181, 11-15 [[Web Link](#)] [*ISI, PubMed, Scopus; IF: 2.2*].
187. 2018: **Mostafavi E.**, Ghasemi A., Rohani M., Molaeipoor L., Esmaeili S., Mohammadi Z., Mahmoudi A., Aliabadian M., Johansson A., Molecular survey of tularemia and plague in small mammals from Iran, *Frontiers in Cellular and Infection Microbiology*, 8: 215 [[Web Link](#)] [*ISI, PubMed, Scopus; IF: 4.3*] (*Corresponding Author*).
186. 2018: Rabiee MH., Mahmoudi A., Siahsarvie R., Krys tufek B., **Mostafavi E.**, Rodent-borne diseases and their public health importance in Iran. *PLoS Neglected Tropical Diseases*, 12(4): e0005535 [[Web Link](#)] [*ISI, PubMed, Scopus; IF: 3.94*] (*Corresponding Author*).
185. 2018: **Mostafavi E.**, Haghdoost AA., Yavari P., Chaman R., Mesdaghinia A., Enayatrad M., Dr. Abolhassan Nadim, Founder of Modern Epidemiology in Iran, *Iranian Journal of Epidemiology*, 13 (4): 264-272 [[Web Link](#)] [*Scopus*].
184. 2018: Mahdavi S., de Almeida AM, **Mostafavi E.**, Dr. Younes Karimi (1929-2008), the Prominent Iranian Physician in the Field of Plague and Other Infectious Diseases, *Iranian Biomedical Journal*, 23(1), 1-6 [[Web Link](#)] [*PubMed, Scopus*] (*Corresponding Author*).
183. 2018: Shahbazi N., **Mostafavi E.**, Dr. Sabar Mirza Farman Farmaian; Benefactor and Former Director of Pasteur Institute of Iran, *Iranian Biomedical Journal*, 22(1): 1-3 [[Web Link](#)] [*PubMed, Scopus*] (*Corresponding Author*).
182. 2018: Assmar M., Keypour M., Rohani M., **Mostafavi E.**, Daneshvar Farhud D., The Resistance to Plague Infection among *Meriones persicus* from Endemic and Non-endemic Regions in Iran: The Role of Gut Microbiota, *Iranian Journal of Public Health*, 47(1): 86-94 [[Web Link](#)] [*ISI, PubMed, Scopus; IF: 0.34*].



181. **2018:** Rikhtegaran Tehrani Z., Azadmanesh K., **Mostafavi E.**, Gharibzadeh S., Soori S, Azizi M., Khabiri A.R., High Avidity Anti-integrase Antibodies Discriminate Recent and Non-recent HIV Infection: Implications for HIV incidence assay, *Journal of Virological Methods*, 253: 5-10 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 1.78**].
180. **2018:** Bagheri Amiri F., Doosti-Irani A., Sedaghat A., Fahimfar N., **Mostafavi E.**, Knowledge, Attitude, and Practices Regarding HIV and TB Among Homeless People in Tehran, *Iran International Journal of Health Policy and Management*, 7(6), 549-555 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#)] (*Corresponding Author*).
179. **2017:** **Mostafavi E.**, Holakouie-Naieni K., Salehi Vaziri M., Reply: Surveillance of Crimean-Congo Haemorrhagic Fever in Pakistan, *Journal of Medical Microbiology and Infectious Diseases* 5(3-4): 69-70 [[Web Link](#)] (*Corresponding Author*).
178. **2017:** Enayatrad M., **Mostafavi E.**, Pasteur Institute of Iran: History and Services, *Research on History of Medicine*; 6(4):209-226 [[Web Link](#)] (*Corresponding Author*).
177. **2017:** Afrasiabian S., Kamalizad M., Hadizadeh N., Mohsenpour B., **Mostafavi E.**, A Case of Pneumococcal Endocarditis Following a Nose Trauma, *Journal of Medical Microbiology and Infectious Diseases*, 5: 35-37 [[Web Link](#)].
176. **2017:** Ghasemi A., Esmaeili S., Hashemi Shahraki A., Hanifi H., Mohammadi Z., Mahmoudi A., Rohani M., **Mostafavi E.**, Upsurge of Rodents' Population in a Rural Area of Northeastern Iran Raised Concerns about Rodent-borne Diseases, *Journal of Medical Microbiology and Infectious Diseases*, **5 (21-25)** [[Web Link](#)] (*Corresponding Author*).
175. **2017:** Azadi Ghatar S., Meshkini A., Roknoldin Eftekhari AR., **Mostafavi E.**, Ahadnejad Reveshti M., Explanation of Relationship between Urban Walkability and Death Spatial Distribution caused by Colorectal and Breast Cancer, *The journal of spatial planning*, 21(3): 55-94 (Persian Language) [[Web Link](#)]
174. **2017:** Nokhodian Z., Feizi A., Ataei B., Ghaffari Hoseini S., **Mostafavi E.**, Epidemiology of Q fever in Iran: A systematic review and meta-analysis for estimating serological and molecular prevalence, *Journal of Research in Medical Sciences*, 22:121 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#)].
173. **2017:** Hosseini M., **Mostafavi E.**, Sedaghat MM., Mohammadi A., Arzamani K., Oshaghi MA., Plague entomological and rodent surveillance in West and Northeast of Iran, *Journal of Entomology and Zoology Studies*, 5(5): 301-306 [[Web Link](#)] [[PubMed](#)]
172. **2017:** Jaladat A. M., **Mostafavi E.**, Diagnosis, treatment and reports of plague outbreaks during Islamic civilization, *Journal of Islamic and Iranian Traditional Medicine*, 8(2): 223-230 [[Web Link](#)] (*Corresponding Author*).
171. **2017:** Kayedi MH., Mokhayeri H., Birjandi M., Chegeni-Sharafi A., Esmaeili S., **Mostafavi E.**, Seroepidemiological study of Q fever in Lorestan province, western Iran, 2014, *Iranian Journal of Microbiology*, 9(4):213-218 [[Web Link](#)] [[PubMed](#), [Scopus](#)] (*Corresponding Author*).
170. **2017:** Eybpoosh S., Haghdoost AA., **Mostafavi E.**, Bahrapour A., Azadmanesh K., Zolala F., Molecular epidemiology of infectious diseases, *Electron Physician*, 9(8): 5149-5158 [[Web Link](#)] [[PubMed](#)].
169. **2017:** Parhizgari N., Gouya MM., **Mostafavi E.**, Emerging and re-emerging infectious diseases in Iran, *Iranian Journal of Microbiology*, 9(3):122-142 [[Web Link](#)] [[PubMed](#), [Scopus](#)] (*Corresponding Author*).
168. **2017:** **Mostafavi E.**, Pourhossein B., Esmaeili S., Bagheri Amiri F., Khakifirouz S., Shah-Hosseini N., Tabatabaei SM., Seroepidemiology and risk factors of Crimean-Congo Hemorrhagic Fever among butchers and slaughterhouse workers in southeastern Iran, *International Journal of Infectious Diseases*, 64, 85-89 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 2.22**] (*Corresponding Author*).
167. **2018:** Bassiri-Jahromi S., Pourshafie MR., Mirabzade Ardakani E., Hooshang Ehsani A., Doostkam A., Katirae F., **Mostafavi E.**, In Vivo Comparative Evaluation of the Pomegranate (*Punica granatum*) Peel Extract as an Alternative Agent to Nystatin against Oral Candidiasis, *Iranian Journal of Medical Sciences*, 43 (3), 296-304 [[Web Link](#)][[ISI](#), [PubMed](#), [Scopus](#)].

166. **2017:** Azadi Ghatar S., Meshkini A., Roknoldin Eftekhari AR., **Mostafavi E.**, Ahadnejad Reveshti M., Modelling the Spatial Association of Lung Cancer with Built Environmental Factors in Neighborhoods of Tehran Metropolitan, *Human Geography Research Quarterly* [[Web Link](#)].
165. **2017:** **Mostafavi E.**, Keypour M., History of plague research center of Pasteur Institute of Iran (1952-2016), *Research on History of Medicine*; 6(3):139-158 [[Web Link](#)] (*Corresponding Author*).
164. **2017:** Keypour M., Yousefi B. M., **Mostafavi E.**, Remembering Marcel Baltazard, Great Researcher and the French President of Pasteur Institute of Iran, *Archives of Iranian Medicine*, 20(8): 553-557 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 1.02**] (*Corresponding Author*).
163. **2017:** Jahanbakhsh F., Bagheri Amiri F., Sedaghat A., Fahimfar N., **Mostafavi E.**, Prevalence of HAV Ab, HEV (IgG), HSV2 IgG, and Syphilis Among Sheltered Homeless Adults in Tehran, 2012, *International Journal of Health Policy and Management*, 7(3), 225-230 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#)] (*Corresponding Author*).
162. **2017:** Doosti Irani A., Bagheri Amiri F., Khajehkazemi R., **Mostafavi E.**, Prevalence of Internet Addiction Among Students and Graduates of Epidemiology, Clinical Sciences, and Basic Sciences in Iran: A Cross-Sectional Study, *Iranian Journal of Epidemiology*, 2017; 13 (1): 14-21 [[Web Link](#)] [[Scopus](#)] (*Corresponding Author*).
161. **2017:** Ghafari S., Memarnejadian A., Samarbaf-zadeh Email A., **Mostafavi E.**, Makvandi M., Salmanzadeh S., Ghadiri A., R. Jordan M., Mousavi E., Jahanbakhsh F., Azadmanesh K., Prevalence of HIV-1 transmitted drug resistance in recently infected, treatment-naïve persons in the Southwest of Iran, 2014-2015, *Archives of Virology* [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 2.11**].
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159. **2017:** **Mostafavi E.**, Keypour M., The life and career of Dr. Mansour Shamsa, A pioneer in public health. *Archives of Iranian Medicine*, 20(5): 326-328 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 1.02**] (*Corresponding Author*).
158. **2017:** Esmaeili S, Golzar F, Ayubi E, Naghili B, **Mostafavi E.**, Acute Q fever in febrile patients in northwestern of Iran, *PLOS Neglected Tropical Diseases*, 11 (4), e0005535, [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 3.94**] (*Corresponding Author*).
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- **2012:** Medical ethics guideline for researches in Pasteur institute of Iran.
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- 118. 2017:** Tabasi M., Asadi Karam MR., Habibi M., **Mostafavi E.**, Bouzari S., First surveillance of clonal relationships among the uropathogenic *Shigella flexneri* coli isolated from patients with acute cystitis, pyelonephritis and asymptomatic bacteriuria in Tehran, Iran, 9<sup>th</sup> International congress of laboratory and Clinic, Tehran, Iran [[Web link](#)].
- 117. 2017:** Babaie J., Sayyah M., Gharagozli K., **Mostafavi E.**, Golkar M., Seroepidemiological Study of Toxoplasma Gondii Infection in a Population of Iranian Epileptic Patients, 13<sup>th</sup> international epilepsy congress, Tehran, Iran
- 116. 2016:** **Mostafavi E.**, Hashemi Shahraki A., Carniel E., Plague in Iran: past and current situation, Yersinia 12<sup>th</sup> International Symposium, Tbilisi, Georgia [[Web link](#)].
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24. **2008:** Chalabi P., **Mostafavi E.**, Approaches of World Religions to Cloning and Transgenic Animals, 2<sup>nd</sup> international congress of medical ethics in Iran, Tehran, Iran [[Web link](#)].
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21. **2007:** **Mostafavi E.**, Chalabi P., The ethics of using transgenic animals, The 1<sup>st</sup> international congress on medical genomics and biotechnology, Tehran, Iran [[Web link](#)].
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19. **2006:** Moghaddam K.M., **Mostafavi E.**, The role of wild birds in highly pathogenic avian influenza (H5N1), The 3<sup>th</sup> Congress of Iran Epidemiology, Kerman University of Medical Science, Kerman, Iran.
18. **2006:** **Mostafavi E.**, Sarchahy A.A., Molazem M., Genetic diseases in dogs, Conference of biology and society, Ferdowsi University, Mashhad, Iran.
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15. **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 17<sup>th</sup> IEA World Congress of Epidemiology, Bangkok, Thailand.
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12. **2003:** **Mostafavi E.**, Mahjoor, A.A., Three reports of equine sarcoid tumors referred to the school of veterinary medicine of Shiraz University, The 16<sup>th</sup> international congress of geographic medicine, Shiraz, Iran [[Web link](#)].

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10. **2003: Mostafavi E.**, Soroori, S., Three radiographic reports of Calcinosis Circumscripta in dogs, The 1<sup>st</sup> congress of pet animals in Iran, Iran university of medical sciences, Tehran, Iran.
9. **2003: Mahjoor A.A.** , Tabatabae Naeini, A. , **Mostafavi E.**, Squamous cell carcinoma in tail fat of a ram, The 4<sup>th</sup> Iranian symposium of veterinary surgery, anesthesia and radiography, Ahvaz, Iran [[Web link](#)].
8. **2003: Mostafavi E.**, Dehghani, S., Retrospective study of umbilical cord infection in calves referred to the school of veterinary medicine of Shiraz university from 1988 to 2000, The 4<sup>th</sup> Iranian symposium of veterinary surgery, anesthesia and radiography, Ahvaz, Iran [[Web link](#)].
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4. **2002: Mostafavi E.**, Rajaian, H., Antibiotic residues in poultry products and its importance in public health, The 1<sup>st</sup> Scientific congress of veterinary students, Islamic Azad University, Tabriz branch, Tabriz, Iran [[Web link](#)].
3. **2002: Mostafavi, E.**, A survey about the infrastructure of the Iran's veterinary colleges, 12<sup>th</sup> congress of Iran veterinary association, Iran University of Medical Sciences, Tehran, Iran [[Web link](#)].
2. **2002: Mostafavi E.**, Rift Valley fever: a potentially dangerous zoonotic disease behind the borders of Iran, the 12<sup>th</sup> congress of Iran veterinary association, Iran University of Medical Sciences, Tehran, Iran [[Web link](#)].
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## 6. Research Projects

### 6-1- International projects/ International funds

15. **2017-Present:** 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 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 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 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 2<sup>nd</sup> 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 policy makers, 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 1<sup>st</sup> round – Iran, Supported by Global Fund (**Co-Investigator**).
5. **2010-2011:** National HIV Bio-behavioral Surveillance Survey (BSS) in Injecting Drug Users (IDUs), the 2<sup>nd</sup> 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 1<sup>st</sup> 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 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

76. **2019-Present:** 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-Present:** 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-Present:** Evaluation of frequency of Culture Negative Endocarditis agents in exchanged heart valves in Shahid Rajaei’s cardiology hospital during the 2012- 2016, Supported by Pasteur Institute of Iran and Shahid Beheshti University of Medical Sciences (**Co-Investigator**).
73. **2017-Present:** 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-Present:** 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-Present:** Designing of Immuno-capture ELISA kit for measurement of G glycoprotein of rabies vaccine, Supported by Pasteur Institute of Iran (**Co-Investigator**).
70. **2017- Present:** Evaluation of gut microbiota in patient with inflammatory bowel disease and comparison with normal population, Supported by Pasteur Institute of Iran (**Co-Investigator**).
69. **2017-Present:** Evaluation of Tick Borne Encephalitis Virus infection in Ixodid ticks from Mazandaran province, Supported by Pasteur Institute of Iran (**Co-Investigator**).
68. **2017-Present:** Rodent-borne emerging and re-emerging zoonotic diseases in the 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 presence of IgG antibody against Chikungunya in 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-Present:** 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:** Biobehavioural 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, 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 behaviors among Male to Female trans-sexuals; a qualitative study, Supported by 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 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-Present:** The Prevalence survey of Q fever endocarditis among infective endocarditis in two Heart Hospital in Tehran, Supported by 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, comparing with selected national and global research institutions in 2008-2012, Supported by Pasteur Institute of Iran (*Principal Investigator*).
47. **2013- 2014:** Spatial modeling 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 behaviors in drug using male who have sex with male (MSM) in the drug addiction rehabilitation centers: 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 Ministry of Health and Medical Education (*Principal Investigator*).



43. **2013- 2015:** Serum survey of 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 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 clinico-pathological finding in breast cancer patients, Supported by Pasteur Institute of Iran (**Co-Investigator**).
36. **2012- 2014:** Molecular identification and characterization of 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 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:** Re-vision of research courses in M Phil Curriculum of Doctoral PhD Degree in Iran, Supported by 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 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 treatment of tuberculosis patient, Supported by Pasteur Institute of Iran (**Co-Investigator**).

24. **2011- Present:** Monitoring of emerging and reemerging infectious diseases in Iran, Supported by 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 (CCHF) 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) during 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 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 human population of the North and center 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)**

30. **2018-Present:** Seroprevalence evaluation of tularemia in sheep & 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- Present:** 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- Present:** 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. thesis of Medical Entomology, Tehran University of Medical Sciences, Tehran, Iran.
26. **2017-Present:** 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 Modares 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 Modares 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, 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, 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. 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: Case study of Tehran metropolitan, Ph.D. thesis of Geography and Urban Planning, Tarbiat Modares University, Tehran, Iran.
20. **2013- 2015:** Study on fauna of the rodents, their ectoparasites and Helminths endoparasites in west and southwest of Kurdistan province, MSc. 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 approaches in Khuzestan province, Ph.D. thesis of Medical Virology, Jundishapur University of Medical Sciences, Ahvaz, Iran.
18. **2013-2015:** Spatial modeling 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, 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 agents against more prevalent specimens in patients with oral candidiasis, Ph.D. thesis, Pasteur institute of Iran, Tehran, Iran.

15. **2012-2013:** Association of the relation between viral load and Cytokines level of IL-1 $\alpha$ , IL-6, IL 10 and TNF- $\alpha$  with severity of Crimean Congo Hemorrhagic Fever diseases in Iranian patients, MSc. thesis of Microbial Biotechnology, Payam Noor University, Tehran, Iran.
14. **2012- Present:** 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 modeling 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 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 in relation to 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- Teaching of academic courses

- **2015- Present:** "The urgency of communicable diseases in disasters" to PhD students of Health Disaster, Tehran University of Medical Sciences, Tehran, Iran.
- **2015- Present:** "Laboratory testing in Field Epidemiology" to MPH students of Field Epidemiology, Tehran University of Medical Sciences, Tehran, Iran.
- **2013- Present:** "Principles of Epidemiology" to M.Sc. students of Genetics, Golestan University of Medical Sciences, Gorgan, Iran.
- **2013- Present:** "Molecular Epidemiology" to PhD students of Molecular Medicine, Golestan University of Medical Sciences, Gorgan, Iran.
- **2012- Present:** "An introduction to GIS" to PhD by research students, Pasteur Institute of Iran, Tehran, Iran.



- **2012- Present:** “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- Present:** “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- Present:** “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- Present:** “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 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 2<sup>nd</sup> 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:** 2<sup>nd</sup> 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”, 1<sup>st</sup> Summer School of Research Methodology and Epidemiology, Pasteur institute of Iran, Tehran, Iran [[Web link](#)].
- **2011:** “Research methodology”, 1<sup>st</sup> 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:** 1<sup>st</sup> 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, 4<sup>th</sup> 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, 19<sup>th</sup> 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? 10<sup>th</sup> 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, 18<sup>th</sup> 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? 1<sup>st</sup> 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, 1<sup>st</sup> 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, 1<sup>th</sup> International Congress of Clinical Epidemiology the 8<sup>th</sup> 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 future plans of research centre for emerging and reemerging infectious diseases”, 391<sup>th</sup> meeting of Public health group, Academy of Medical Sciences, Tehran, Iran.
- **2015:** “An introduction to research centre for emerging and reemerging infectious diseases”, 16<sup>th</sup> 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”, 2<sup>nd</sup> national congress of Healthy population, Lorestan University of Medical Sciences, Khoram Abad, Iran.
- **2013:** “Epidemiology of zoonotic emerging and reemerging infectious diseases in Iran”, 14<sup>th</sup> 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”, 4<sup>th</sup> Congress of Laboratory and Clinic, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- **2011:** “The epidemiological aspects of Crimean Congo hemorrhagic fevers in Iran”, 7<sup>th</sup> 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 software and programming with SPSS (for windows), ArcGIS, Endnote and applying advance functions in MS-word, MS excel and MS-PowerPoint.

## 10. Attended courses/ workshops/ meetings

### 10-1- Attended international courses

- **2018:** Combating resistance: microbes and vectors Symposium, 15-16 November, Paris, France.
- **2018:** WHO Meeting on Efficacy trials of Plague Vaccines: endpoints, trial design, and site selection, April 23, INSERM, Paris, France
- **2018:** WHO mission to assess the capacity for the entomological and the disease surveillance, laboratory, and optimal case management of CCHF and Dengue fever, 16-23 February as a WHO Temporary Advisor, Kabul, Afghanistan.
- **2015:** WHO Meeting on prevention and control of Crimean Congo Hemorrhagic fever in Eastern Mediterranean Region, 7-9 December as a WHO Temporary Advisor, Muscat, Oman.
- **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.
- **2014:** Investigating Natural Soil-based Plague Reservoirs, Centre for Ecological and Evolutionary Synthesis, Oslo, Norway.
- **2014:** Modeling of Infectious Diseases, Institut Pasteur, Paris, France [[Web link](#)].
- **2014:** 4<sup>th</sup> 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.
- **2012:** Endemic and Emerging Infectious Diseases of Priority in the Middle East and North Africa, Istanbul, Turkey [[Web link](#)].
- **2011:** Emerging and Reemerging diseases, 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 [[Web link](#)].

### 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 food borne 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 researches, 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 [[Web link](#)].
- **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 antimicrobial natural products; University of Shiraz, Shiraz, Iran.

## **11. Society/ association membership**

- **2015- Present:** Tularemia International Society.
- **2013- Present:** WESCA Wildlife Network [[Web link](#)].
- **2010- Present:** Global Network of Researchers on HIV/AIDS in the Middle East and North Africa (GNR-MENA).
- **2010- Present:** International AIDS Society (IAS).
- **2007- Present:** Iranian Public health Association.
- **2006- Present:** Iranian Epidemiological Association.
- **2005- Present:** International Epidemiological Association.
- **2003- Present:** Shiraz University Alumni Association.
- **2003- Present:** Young Iranian Elites Association.
- **2002:** Iranian Specialist Association.

## **12. Committee responsibilities/ membership**

- **2019:** Scientific committee of XII<sup>th</sup> IEA-EMR scientific meeting, Beirut, Lebanon.
- **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 1<sup>st</sup> congress of infection and immunity, Shiraz University, Tehran, Iran [[Web link](#)].
- **2016:** Scientific committee of 19<sup>th</sup> 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 8<sup>th</sup> national congress of Epidemiology and the 1<sup>st</sup> 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-Present:** Biosafety committee, Pasteur Institute of Iran, Tehran, Iran.
- **2014- 2017:** Plenipotentiary representative of Pasteur institute of Iran in continuing education programs.
- **2014- Present:** National expert committee for MERS-CoV, Ministry of Health and Medical Education, Tehran, Iran.
- **2013-2018:** Scientific secretary of research festival in Pasteur institute of Iran, Tehran, Iran.
- **2013:** Scientific committee of 7<sup>th</sup> 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 Ministry of Health in 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 1<sup>st</sup> Summer School of Research Methodology and Epidemiology, Pasteur institute of Iran, Tehran, Iran.
- **2010- Present:** Ethics Committee, Pasteur Institute of Iran, Tehran, Iran.
- **2010- Present:** Student Research Committee, Pasteur Institute of Iran, Tehran, Iran.
- **2010- Present:** 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 High Risk panel, the first national student congress of socioeconomic determinants of health, Iran University of Medical Sciences, Tehran, Iran.
- **2009- Present:** 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 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 of prioritizing of the researches in Fars province.
- **2001:** Creativity festival committee of Shiraz University.
- **2001:** Supervisory committee of student publications in 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, Jahad 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), 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), Jordan (2014, 2018) Azerbaijan (2014), Singapore (2014), Afghanistan (2018), China (2018).
- **Europe (10 countries):** Austria (2010, 2014, 2015), Netherlands (2010), Slovakia (2010), Croatia (2010, 2015), England (2011), Scotland (2011), France (2012, 2014, 2018, 2018), Switzerland (2012, 2015, 2017, 2017), and Norway (2014), Georgia (2016).
- **Africa (5 countries):** Kenya (2011, 2018), Madagascar (2011, 2018, 2019), Tunis (2012), and Morocco (2012, 2015), Mauritania (2019).
- **America (2 countries):** Brazil (2019), Peru (2019)

### 14. Journal editorial board and reviewer

#### 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](#)].
- SM Journal of Clinical Medicine [[Web link](#)].
- Journal of SM Vascular Medicine [[Web link](#)].
- ARC Journal of Cardiology (AJC) [[Web link](#)]
- Journal of Epidemiological Research [[Web link](#)].
- ARC Journal of Clinical Case Reports [[Web link](#)].
- SM Journal of Public Health & Epidemiology [[Web link](#)].
- Journal of Occupational Health and Epidemiology [[Web link](#)].
- Aperito Journal of Bacteriology, Virology and Parasitology [[Web link](#)].
- International Journal of Veterinary Health Science & Research [[Web link](#)].

#### 14-4- Selected Reviewer journals

- PLOS ONE
- Journal of Public Health
- Iranian biomedical journal
- Iranian Journal of Parasitology
- BMC Health Services Research

- Journal of Veterinary Research
- Iranian Journal of Epidemiology
- PLOS Neglected Tropical Diseases
- Jundishapur Journal of Microbiology
- Iranian journal of Veterinary Research
- Journal of Research in Health Sciences
- Journal of Research in Medical Sciences
- American Journal of Tropical Medicine and Public Health
- Journal of the School of Public Health and Institute of Public Health Research

## 15. Hobbies

- Table tennis, Football, Volleyball, Traveling.

## 16. Languages

- Persian (mother tongue), English (fluent), Arabic (not advanced), French (a little).

## 17. Travel grants

- **2019:** From World Health Organization, EMRO, for participating 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**).
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- **2019:** From World Health Organization, Geneva, for participating expert meeting on “Innovative control approaches of rodent-borne epidemic diseases and other public health consequences of rodents”, Lima, Peru.
- **2019:** From Eastern Mediterranean region of International Epidemiological association for participating XI<sup>th</sup> IEA-EMR scientific meeting, planned to be held in Beirut, Lebanon.
- **2018:** From World Health Organization, Geneva, for participating inter-country meeting on strategic framework for prevention and control of emerging and epidemic prone diseases in the Eastern Mediterranean Region, Amman, Jordan.
- **2018:** From World Health Organization, Geneva, for participating meeting of One Health Framework for Action for the WHO Eastern Mediterranean Region, Amman, Jordan.
- **2018:** From World Health Organization, Geneva, for participating WHO Workshop on Plague Vaccine evaluation, Paris, France [[Web link](#)].
- **2018:** From World Health Organization, Geneva, for participating the Technical Workshop of the National Strategy for the Prevention and Control of Plague in Madagascar, Mantsoa, Madagascar.
- **2017:** From World Health Organization, Geneva, for participating in Global Meeting of Partners (GMP) of GOARN, WHO Headquarters, Geneva, Switzerland.
- **2017:** From World Health Organization, Geneva, for participating in WHO Exploratory meeting of the Global Alliance of Laboratories for the Diagnosis of High Threat Pathogens, WHO Headquarters, Geneva, Switzerland.
- **2016:** From World Health Organization for participating in consultative Meeting of outbreak alert and response network partners in the Eastern Mediterranean Region, Cairo, Egypt (**WHO temporary advisor**).
- **2015:** From World Health Organization for participating in Meeting on prevention and control of Crimean Congo Hemorrhagic fever in Eastern Mediterranean Region, Muscat, Oman (**WHO temporary advisor**).
- **2015:** From World Health Organization for participating in Meeting on establishing an outbreak alert and response network in the Eastern Mediterranean Region, Casablanca, Morocco.
- **2015:** Grant (from Pasteur institute of Iran) for participating 8<sup>th</sup> Conference on Tularemia, Opatija, Croatia.



- **2015:** From World Health Organization for participating in Multi-country workshop for analysis of data from national anti-TB drug resistance surveys, Geneva, Switzerland.
- **2014:** From the Ministry of Foreign Affairs, National Environment Agency, Singapore; and WHO for participating the 4<sup>th</sup> Asia-Pacific Surveillance and Control Dengue Workshop, Singapore.
- **2014:** From Centre for Ecological and Evolutionary Synthesis for participating workshop on Investigating Natural Soil-based Plague Reservoirs, Oslo, Norway.
- **2014:** From Institut Pasteur of Paris for participating in Modeling of Infectious Diseases course, Institut Pasteur, Paris, France.
- **2014:** From World Health Organization for participating in GOARN Regional Training course, Sweime, Jordan.
- **2013:** From World Health Organization for participating in Meeting on Global Influenza at the human-animal interface, Cairo, Egypt.
- **2012:** From World Health Organization for participating in Meeting on Global Outbreak Alert and Response Network (GOARN), Casablanca, Morocco.
- **2012:** From National Institute of Allergy and Infectious Diseases of the National Institutes of Health for participating and presenting an oral presentation in Endemic and Emerging Infectious Diseases of Priority in the Middle East and North Africa, Istanbul, Turkey.
- **2011:** From Pasteur Institute of Paris to do the researches on plague in Pasteur Institute of Madagascar, Antananarivo, Madagascar.
- **2010:** From Lebanese Epidemiological Association and WHO Collaborating centre and Regional Knowledge Hub for HIV Surveillance for participation and presenting an oral presentation in 7<sup>th</sup> International epidemiology association congress, Eastern Mediterranean Regional Scientific Meeting, Beirut-Lebanon.
- **2010:** From Erasmus university for participation in the Erasmus Summer Programme 2010- Research Training in Public Health, Rotterdam, The Netherlands.
- **2010:** From WHO Collaborating centre and Regional Knowledge Hub for HIV Surveillance for participating in 18th International AIDS Conference, Vienna, Austria.
- **2010:** From World Health Organization for participating in the training course: Strategic planning and management of the knowledge hubs on capacity building in HIV/AIDS surveillance, Zagreb, Croatia.
- **2005:** From University of Tehran for participating in 17<sup>th</sup> IEA World Congress of Epidemiology, Bangkok, Thailand.

## 18. References

- Dr Saeid Bouzari, Professor in Medical Microbiology, Research Director of Pasteur Institute of Iran, No. 69, Pasteur Ave., Postal Code: 1316943551, Tehran, Iran, saeidbouzari@yahoo.com [[Web link](#)].
- Dr AliAkbar Haghdoost, Professor in Epidemiology, Kerman University of Medical Sciences, Jomhoori Islami Blvd., Postal code: 7618747653, Kerman, Iran, ahaghdoost@gmail.com [[Web link](#)].
- Dr Mohammad Mehdi Gouya, Associated professor in infectious disease, Director-General of the Iranian Centre for Communicable Disease, Ministry of Health, Tehran, Iran, mgouya@gmail.com [[Web link](#)].