

Curriculum Vitae

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1. General information

Surname: Mostafavi

Forename: Ehsan

Title: DVM, PhD in Epidemiology

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

Current Position: Full 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 Iranian Academy of Medical Sciences
- Member of the board of directors of the Iranian Epidemiological Association
- Member of Rapid Response Teams Working Group (RRT WG), WHO, Geneva, Switzerland
- Member of Technical Advisory Group on Arbovirus (TAG-Arbovirus), WHO, Geneva, Switzerland
- Member of International Health Regulation (IHR) Roster of experts in the human-animal interface, WHO, Geneva, Switzerland
- Member of the roster of experts for the infectious hazard management, WHO, Eastern Mediterranean regional office (EMRO), Cairo, Egypt
- Temporary advisor, WHO, EMRO, Cairo, Egypt
- The focal point of the Pasteur Institute of Iran in the WHO Global Outbreak Alert and Response Network (GOARN), WHO, Geneva, Switzerland
- Executive Manager of Iranian Journal of Epidemiology

2. Contact information

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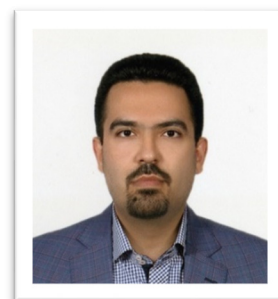
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2-3- Web Pages

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1. Positions

- **2022-Present:** Member of Rapid Response Teams Working Group (RRT WG), WHO, Geneva, Switzerland.
- **2021-Present:** Member of Technical Advisory Group on Arbovirus (TAG-Arbovirus), WHO, Geneva, Switzerland.
- **2021-2022:** Scientific Manager, Phase 3 clinical trial of joint Iranian-Cuban COVID-19 vaccine, Pasteur Institute of Iran, Tehran, Iran
- **2020-Present:** Member of the national advisory committee of COVID-19, Ministry of Health and Medical Education, Tehran, Iran.
- **2020-Present:** Member of the national committee of Epidemiology of COVID-19, Ministry of Health and Medical Education, Tehran, Iran.
- **2019-Present:** Director, International affairs and public relations office, Pasteur Institute of Iran, Tehran, Iran.
- **2019- Present:** Member of Iranian Academy of Medical Sciences, 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:** Temporary advisor of WHO Eastern Mediterranean regional office (EMRO).
- **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 the 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- 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
- 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 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- Book

- **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.
- **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., Haghdooost 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

- **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 Haemorrhagic 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:** Haghighi 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

- 285. 2022:** **Mostafavi E.** How will the COVID-19 pandemic end?. *Journal of Medical Microbiology and Infectious Diseases*. 2022 Sep 10;10(3):146-8.
- 284. 2022:** Mohabati Mobarez A, Baseri N, Khalili M, **Mostafavi E.**, Stenos J, Esmaeili S. Genetic Diversity of *Coxiella burnetii* in Iran by Multi-Spacer Sequence Typing. *Pathogens*. 11(10):1175.
- 283. 2022:** Mohammadi A, **Mostafavi E.**, Zaim M, Enayati A, Basseri HR, Mirolayaei 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.
- 282. 2022:** Esmaeili S, Ghasemi A, Esmaeili 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.
- 281. 2022:** Bahrami F, **Mostafavi E.**, Dr. Abolghasem Bahrami (1894–1950): Physician, Pasteurian, and a Pioneer of Microbiology and Public Health Planning in Iran. *Iranian Biomedical Journal*;26(2):91.
- 280. 2022:** Baseri N, Salehi-Vaziri M, Mostafavi E, Bagheri Amiri F, Latifian M, Stenos J, Esmaeili S. Investigation of *Rickettsia conorii* in Patients Suspected of Having Crimean-Congo Hemorrhagic Fever. *Pathogens*;11(9):973.
- 279. 2022:** Rahravani M, Moravedji M, **Mostafavi E.**, Mohammadi M, Seyfi H, Baseri N, Mozoun MM, Latifian M, Esmaeili S. The epidemiological survey of *Coxiella burnetii* in small ruminants and their ticks in western Iran. *BMC Veterinary Research*;18(1):1-7.
- 278. 2022:** Badparva E, Nayeibzadeh H, Kayedi MH, **Mostafavi E.**, Ahoo MB. Parasitic zoonoses: Gastrointestinal parasites carried by rodents in the west of Iran in 2017. *Journal of Zoonotic Diseases*. 1;6(2).
- 277. 2022:** Latifian, M., Khalili, M., Farrokhnia, M., **Mostafavi E.**, Esmaeili, S.. *Rickettsia conorii* subsp. *israelensis* infection: a case report from southeast Iran. *BMC Infectious Diseases*, 22(1).1-5.
- 276. 2022:** Rahravani, M., Moravedji, M., **Mostafavi E.**, Baseri, N., Seyfi, H., Mohammadi, M., Ziaei, A.H., Mozoun, M.M., Latifian, M. and Esmaeili, S., 2022. Molecular detection of *Francisella tularensis* in small ruminants and their ticks in western Iran. *Comparative Immunology, Microbiology and Infectious Diseases*, 83, 101779.
- 275. 2022:** Latifian, M., Khalili, M., Farrokhnia, M., **Mostafavi E.** and Esmaeili, S., 2022. *Rickettsia conorii* subsp. *israelensis* infection: a case report from southeast Iran. *BMC Infectious Diseases*, 22(1),1-5.
- 274. 2022:** Doosti-Irani A, Haji-Maghsoudi S, Haghdooost A, Eybpoosh S, **Mostafavi E.**, Karami M, Mahjub H. The Dynamic Effective Reproductive Number of COVID-19 during the Epidemic in Iran. *Iranian Journal of Public Health*. 14;51(4):886-94.
- 273. 2022:** Mohammadi A, Bozorgomid A, Sedaghat MM, Mowlavi G, Abai MR, **Mostafavi E.** Assessment of the Endoparasite Fauna amongst the Rodents in Kurdistan Province, West of Iran. *Iranian Journal of Parasitology*. 14;17(1):70-8.
- 272. 2022:** Esmaeili S, Latifian M, Khalili M, Farrokhnia M, Stenos J, Shafiei M, Mostafavi E. Fatal Case of Mediterranean Spotted Fever Associated with Septic Shock, Iran. *Emerging Infectious Diseases*, 28(2):485.
- 271. 2022:** Aghamohammad S, Cohan HA, Ghasemi A, **Mostafavi E.**, Rohani M. The monitoring of *Francisella tularensis* in surface water of East Azerbaijan province, Iran. *Comparative Immunology, Microbiology and Infectious Diseases*. 6:101744.

270. **2021:** Esmaeili S, Rohani M, Ghasemi A, Gouya MM, Khayatzaheh S, Mahmoudi A, Cohan HA, Johansson A, Maurin M, **Mostafavi E.** *Francisella tularensis* human infections in a village of northwest Iran. BMC Infectious Diseases; 21(1): 1-8
269. **2021:** Ghasemi A, Naddaf SR, Mahmoudi A, Rohani M, Naeimi S, Mordadi A, Cutler SJ, **Mostafavi E.** *Borrelia duttonii*-like spirochetes parasitize *Meriones persicus* in East Azerbaijan Province of Iran. Ticks and Tick-borne Diseases: 101825
268. **2021:** Islam MM, Farag E, Mahmoudi A, Hassan MM, Atta M, **Mostafavi E**, Alnager IA, Farrag HA, Eljack GEA, Bansal D. Morphometric Study of *Mus musculus*, *Rattus norvegicus*, and *Rattus rattus* in Qatar. Animals; 11(8): 2162
267. **2021:** Amiri S, Haghdoust A, **Mostafavi E**, Sharifi H, Peykari N, Raeisi A, Assai Ardakani M, Asadi Lari M, Soori H, Ostovar A, Eshrati B. Iran COVID-19 epidemiology committee: A review of missions, structures, achievements, and challenges. Journal of Research in Health Sciences. 3;21(1).
266. **2021:** Salehi-Vaziri M, Arashkia A, **Mostafavi E**, Jalali T, Pouriayeali MH, Fazlalipour M, Shoja Z, Rohani M, Esmaeili S, Fotouhi-Chahooki F, Baesi K. How Iran responded to expanding need for laboratory services for COVID-19?. Health Policy and Technology. 1;10(2):100506.
265. **2021:** Heydari AA, Mostafavi E, Heidari M, Latifian M, Esmaeili S. Q Fever Endocarditis in Northeast Iran. Case Reports in Infectious Diseases.
264. **2021:** Lak A, Sharifi A, Badr S, Zali A, Maher A, **Mostafavi E**, Khalili D. Spatio-temporal Patterns of the COVID-19 Pandemic, and Place-based Influential Factors at the Neighborhood scale in Tehran. Sustainable Cities and Society. 1:103034.
263. **2021:** Maslehat S, Esmaeili Rastaghi AR, Siavashi MR, **Mostafavi E.** In Honor of Dr. Mehdi Assmar, a Distinguished Researcher at the Pasteur Institute of Iran. Journal of Research on History of Medicine. 2021 May 1;10(2):81-94.
262. **2021:** Mohabati Mobarez A, Khalili M, **Mostafavi E**, Esmaeili S. Molecular detection of *Coxiella burnetii* infection in aborted samples of domestic ruminants in Iran. PloS one. 14;16(4):e0250116.
261. **2021:** Ghasemi A, Mohabati Mobarez A, Mostafavi E. Investigation of *Clostridium difficile* in elderly people: A preliminary study in Iran. Tropical Doctor. 13:0049475521999221.
260. **2021:** Fotouhi F, Salehi-Vaziri M, Farahmand B, **Mostafavi E**, Pouriayeali MH, Jalali T, Mazaheri V, Larijani MS, Tavakoli M, Afzali N, Zokaei A. Prolonged viral shedding and antibody persistence in patients with COVID-19. Microbes and Infection. 23(4-5), 104810.
259. **2021:** **Mostafavi E**, Eftekhari Z, Jabbari N, Gheibi P. Transmission of COVID-19 between Animals and Humans: a Challenge for the Scientists. Journal of Medical Microbiology and Infectious Diseases. 10;9(1):1-4.
258. **2021:** Ghasemi A, Mohabati Mobarez A, **Mostafavi E.** Antibiotic Susceptibility Profile of *Clostridium Difficile* Bacteria Isolated from Older Residents of a Nursing Home in Iran. Iranian Journal of Ageing. 10;15(4):496-505.
257. **2021:** Ghasemi A, MobarezMohabati A, **Mostafavi E.** Investigation of Antimicrobial Susceptibility in *Clostridium Difficile* Isolated From Older Adult Residents of a Nursing Home in Tehran. Iranian Journal of Ageing. 10;15(4):9.
256. **2021:** Cohan HA, Jamshidian M, Rohani M, Moravedji M, **Mostafavi E.** *Francisella tularensis* survey among ranchers and livestock in western Iran. Comparative Immunology, Microbiology and Infectious Diseases. 1;74:101598.
255. **2021:** Mobarez AM, **Mostafavi E**, Khalili M, Esmaeili S. Identification of *Coxiella burnetii* in Raw Milk of Livestock Animal in Iran. International Journal of Microbiology. 18.
254. **2021:** Lak A, Zali A, Badr S, **Mostafavi E**, Baradaran HR, Hanani K, Toomanian A, Khalili D. A description of spatial-temporal patterns of the novel COVID-19 outbreak in the neighbourhoods' scale in Tehran, Iran. Medical Journal of The Islamic Republic of Iran (MJIRI). 10;35(1):954-61.
253. **2021:** Islam MM, Farag E, Mahmoudi A, Hassan MM, **Mostafavi E**, Enan KA, Al-Romaihi H, Atta M, El Hussein AR, Mkhize-Kwitshana Z. Rodent-Related Zoonotic Pathogens at the Human–Animal–Environment Interface in Qatar: A Systematic Review and Meta-Analysis. International journal of environmental research and public health;18(11):5928.

252. **2021:** Parhizgari N, Piazak N, Mostafavi E. Vector-borne diseases in Iran: epidemiology and key challenges. *Future Microbiology*;16(1):51-69.
251. **2021:** Vaziri MS, Mohammadi GR, Razmi GR, **Mostafavi E.**, Khakifirouz S, Jalali T, Sarani A, Fazlalipour M, Baniasadi V. Seroprevalence of Crimean-Congo haemorrhagic fever virus in one-humped camels and its ribonucleic acid in ticks attached to one-humped camels (*Camelus dromedarius*) imported from Pakistan into Iran. *Journal of camelid science*, 14 (1): 43-51.
250. **2020:** Ferdosi M, **Mostafavi E.** Enhancing the indicator for COVID-19 confirmed cases. *Iranian Journal of Microbiology*.12(6):505.
249. **2020:** Mahmoudi A, Kryštufek B, Sludsky A, Schmid BV, De Almeida AM, Lei X, Ramasindrazana B, Bertherat E, Yeszhanov A, Stenseth NC, Mostafavi E. Plague reservoir species throughout the world. *Integrative Zoology*.
248. **2020:** Mounesan L, **Mostafavi E.** In Honor of Dr. Abdul Hussein Taba: Iranian Physician and Former Director of the Eastern Mediterranean Region of the World Health Organization. *Archives of Iranian Medicine* 2020; 23(10): 707-711 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF:0.99**].
247. **2020:** Naddaf SR, Mahmoudi A, Ghasemi A, Rohani M, Mohammadi A, Ziapour SP, Nemati AH, **Mostafavi E.**, Infection of hard ticks in the Caspian Sea littoral of Iran with Lyme borreliosis and relapsing fever borreliae. *Ticks and Tick-borne Diseases*. 2020;11(6):101500 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF:3.27**].
246. **2020:** Doosti-Irani A, **Mostafavi E.**, Nazemipour M, Mansournia MA, Haghdoost A-A. Challenges for management of the COVID-19 epidemic in Iran. *Global Epidemiology* [[Web Link](#)] [[PubMed](#), [Scopus](#)].
245. **2020:** Kayedi MH, Sepahvand F, **Mostafavi E.**, Chinikar S, Mokhayeri H, Sharafi AC, et al. Morphological and molecular identification of Culicidae mosquitoes (Diptera: Culicidae) in Lorestan province, Western Iran. *Heliyon*. 2020;6(8):e04480 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#), ; **IF: 1.65**].
244. **2020:** Sharifi H, Jahani Y, Mirzazadeh A, Ahmadi Gohari M, Nakhaeizadeh M, Shokoohi M, Eybpoosh S, Tohidinik HR, **Mostafavi E.**, Khalili D, Estimating COVID-19-related infections, deaths, and hospitalizations in Iran under different physical distancing and isolation scenarios. *International journal of health policy and management* [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 3.82**].
243. **2020:** **Mostafavi E.**, Moradi G, Rahmani K, Jahanbakhsh F, Eybpoosh S, Keypour M, et al. Rabies Surveillance System in Iran: History, Structures, and Achievements. *Iranian Journal of Epidemiology*. 2020;16(1):35-44 [[Web Link](#)] [[Scopus](#)].
242. **2020:** Doosti-Irani A, Haghdoost AA, Najafi F, Eybpoosh S, Moradi G, Bagheri Amiri F, et al. How can the epidemic curve of COVID-19 in Iran be interpreted? *Journal of Research in Health Sciences*. 2020;20(3) [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#)] (**Corresponding Author**).
241. **2020:** Mohammadpour R, **Mostafavi E.** The Life and Career of Dr Rasoul Pournaki, Eminent Researcher of Pasteur Institute of Iran. *Journal of Medical Microbiology and Infectious Diseases*. 2020;8(2):45-9 [[Web Link](#)] (**Corresponding Author**).
240. **2020:** Sheikholeslami F, Gharibzadeh S, **Mostafavi E.**, Miyandehi N, Ahmadnejad F, Godeyri Eslami S, Vaez J, Moradi A, Designing of Immuno-capture ELISA assay kit for rabies vaccine potency. *Tehran University Medical Journal TUMS Publications*. 2020;77(12):740-5 [[Web Link](#)] [[Scopus](#)].
239. **2020:** Talaie P., Sedaghat MM., **Mostafavi E.**, Telmadarraiy Z., Rouhani M., Salehi-Vaziri M., A Survey of Crimean-Congo Hemorrhagic Fever Virus in Ticks of Shahr-e Ray, Iran, 2016-2017, *Journal of Medical Microbiology and Infectious Diseases*, [[Web Link](#)]
238. **2020.** Mahmoudi A., Arslan A., Zima J., Eybpoosh S., Mohammadi A., Hanifi H., **Mostafavi E.**, Cytogenetic Characteristics of Four Meriones spp.(Rodentia: Gerbillinae) from Turkey and Iran, *Acta Zoologica Bulgarica*, 72 (2): 193-198 [[Web Link](#)] [[ISI](#)] (**Corresponding Author**).
237. **2020:** Moradi G, **Mostafavi E.**, Haghdoost AA. The Urgency of Conducting Serological Studies for COVID-19. *Journal of Research in Health Sciences*. 30;20(2) [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#)] (**Corresponding Author**).
236. **2020:** Mounesan L, Eybpoosh S, Haghdoost A, Moradi G, **Mostafavi E.** Is reporting many cases of COVID-19 in Iran due to the strength or weakness of Iran's health system?. *Iranian Journal of Microbiology*. 12(2):73 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#)] (**Corresponding Author**).

235. 2020: Sharifi H, Jahani Y, Mirzazadeh A, Gohari MA, Nakhaeizadeh M, Shokoohi M, Eybpoosh S, Tohidinik HR, **Mostafavi E.**, Khalili D, Nazari SS. Estimating the number of COVID-19-related infections, deaths and hospitalizations in Iran under different physical distancing and isolation scenarios: A compartmental mathematical modelling. medRxiv. [[Web Link](#)].
234. 2020: Moradi G, Bolbanabad AM, Piroozi B, **Mostafavi E.**, Veysi A, Shokri A. Do the current cases reported to the WHO provides a realistic incidence rate of countries infected with COVID-19?. Infection Ecology & Epidemiology. 10(1) [[Web Link](#)] [[PubMed](#)].
233. 2020: Mahrous H, Redi N, Nguyen N, Al Awaidei ST, **Mostafavi E.**, Samhoury D. One Health operational framework for action for the Eastern Mediterranean Region, focusing on zoonotic diseases. Eastern Mediterranean Health Journal, 26(6), 720-725, [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 0.66**].
232. 2020: Farrokhnia M, Ghalejoogh ZY, Rohani M, Ghasemi A, Esmaeili S, **Mostafavi E.**, Cases of Mediterranean spotted fever in the southeast of Iran. Iranian Journal of Microbiology. 12(3):256-60 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#)] (**Corresponding Author**).
231. 2020: Mohammadi A, Sedaghat MM, Abai MR, Darvish J, Mobedi I, Mahmoudi A, **Mostafavi E.**, Wild Rodents and Their Ectoparasites in an Enzootic Plague Focus, Western Iran. Vector-Borne and Zoonotic Diseases. 1;20(5):334-47 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 1.93**].
230. 2020: Mohammadpour R, Champour M, Tuteja F, **Mostafavi E.**, Zoonotic implications of camel diseases in Iran. Veterinary Medicine and Science, 6(3), 359-381 [[Web Link](#)] [[ISI](#), [PubMed](#); **IF: 0.93**] (**Corresponding Author**).
229. 2020: Naghian A, Oshaghi MA, Moein-Vaziri V, Rassi Y, Sedaghat MM, **Mostafavi E.**, Veysi A, Soleimani H, Dehghan H, Zahraei-Ramazani A, Mirhendi H. Molecular Identification of Leishmania Species in Phlebotomus alexandri (Diptera: Psychodidae) in Western Iran. Journal of Arthropod-Borne Diseases. 14(1): 8-16 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#)].
228. 2020: Gholami A., Shirzadi MR., Asouri M., Farahtaj F., **Mostafavi E.**, Gharibzadeh S., Pourmozafari J., Nabavi M., Bahrami F., Seroconversion after three Doses of Intramuscular Rabies Vaccine as a Post-Exposure Treatment. Virus Research, 278, 197883 [[Web Link](#)] [[ISI](#), [PubMed](#), [Scopus](#); **IF: 2.73**].
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5-5- Educational material

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31. **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](#)].
30. **2008:** **Mostafavi E.**, Bokaei S., Haghdooost A.A., Meshkat M., Goya M.M., Shirzadi, M., Chinikar, S., Geographical distribution of Crimean Congo Hemorrhagic Fever and its hot spots in Iran, The 5th Iran Congress of Epidemiology, Kurdistan University of Medical Sciences, Sanandaj, Iran (Persian language) [[Web link](#)].
29. **2008:** Moosavy M.H., Basti A.A., Misaghi A., Karim G., Zahraei Salehi T., **Mostafavi E.**, Effects of Zataria multiflora Boiss. essential oil and nisin on the Growth of *Salmonella typhimurium* in a Commercial Barley Soup, The 18th Congress of Food Science and Technology, Mashhad, Iran (Persian language) [[Web link](#)].
28. **2008:** **Mostafavi E.**, Chinikar, S., Bokaei S., Haghdooost A.A., Meshkat M., Goya M.M., Shirzadi, M., Geographical distribution of Crimean Congo Hemorrhagic Fever and its hot spots in Iran, The 5th Iran Congress of Epidemiology, Kurdistan University of Medical Sciences, Sanandaj, Iran.

27. **2008: Mostafavi E.,** Chalabi, P., The laboratory animals rights in research, 15th Congress of Iran Veterinary Association, Iran University of Medical Sciences, Tehran, Iran (Persian language) [[Web link](#)].
26. **2008: Mostafavi E.,** The necessity of respecting ethical standards in Veterinary sciences, The 15th Congress of Iran Veterinary Association, Iran University of Medical Sciences, Tehran, Iran (Persian language) [[Web link](#)].
25. **2008: Bahonar, A., Yazdi S.M., Chalabi P., Mostafavi E.,** Assessing the personality congruence of veterinary students with their field of study, The 15th Congress of Iran Veterinary Association, Iran University of Medical Sciences, Tehran, Iran.
24. **2008: Chalabi P., Mostafavi E.,** Approaches of World Religions to Cloning and Transgenic Animals, 2nd international congress of medical ethics in Iran, Tehran, Iran [[Web link](#)].
23. **2007: Rahimikia E., Abdollahpour GR., Mostafavi E., Afshari GR.,** Leptospirosis and threatening dairy industry in the city Boyerahmad, The Conference of "Agriculture the axis of the development", Islamic Azad University, Yasuj Branch, Yasuj, Iran.
22. **2007: Mostafavi E., Bahonar, A., Rastegar, V.,** Epidemiological feature of Brucellosis in Safashahr, Fars Province in 2001-2005, The 4th Congress of Iran Epidemiology, Oroomieh University of Medical Sciences, Urmia, Iran.
21. **2007: Mostafavi E.,** Chalabi P., The ethics of using transgenic animals, The 1st international congress on medical genomics and biotechnology, Tehran, Iran [[Web link](#)].
20. **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](#)].
19. **2006: Moghaddam K.M., Mostafavi E.,** The role of wild birds in highly pathogenic avian influenza (H5N1), The 3th 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.
17. **2006: Bokaei S., Mostafavi E., Kalhor K.,** A reports of animal wastes referred to Karaj Rock and NikAhsham industrial slaughterhouses in one year, The 14th Congress of Iran veterinary association congress, Tehran, Iran.
16. **2006: Shidfard F., Mostafavi E., BaniHassan I.,** A survey on the attitude of the veterinary students and the graduated vets to their field of and professionals, The 14th Iran veterinary association congress, Tehran, Iran.
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 17th IEA World Congress of Epidemiology, Bangkok, Thailand.
14. **2005: Mostafavi E., Chinikar, S., Jafari Shoorijeh, S., Mazaheri, V.,** Epidemiological feature of Crimean-Congo hemorrhagic fever in human and domestic animals during the years of 2000 to 2002, The 2nd congress of Epidemiology, Zahedan University of Medical Sciences, Zahedan, Iran.
13. **2004: Mostafavi E., Reza-Khani, A.,** Anatomical comparison of corner vessels between human and different animals, Congress of Anatomical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran.
12. **2003: Mostafavi E., Mahjoor, A.A.,** Three reports of equine sarcoid tumours referred to the school of veterinary medicine of Shiraz University, The 16th international congress of geographic medicine, Shiraz, Iran [[Web link](#)].
11. **2003: Mostafavi E.,** Inactivation of X chromosome and its genetic and clinical importance, The 1st national conference of cell biology and development, University of Tehran, Iran.
10. **2003: Mostafavi E., Soroori, S.,** Three radiographic reports of Calcinosis circumscripta in dogs, The 1st 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 4th 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 4th Iranian symposium of veterinary surgery, anesthesia and radiography, Ahvaz, Iran [[Web link](#)].
7. **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. **2002: Mostafavi, E.,** Necessity of using new technologies for information and educational programs of Iran universities, National Seminar of information society and its needs, Shiraz University, Shiraz, Iran.
5. **2002: Mostafavi, E.,** Nili, H., Pirasteh, M.H., Study of the effects of drought on Migration and behavior of Migratory birds in Fars Province, 3rd poultry health congress, Shiraz University, Shiraz, Iran [[Web link](#)].
4. **2002: Mostafavi E.,** Rajaian, H., Antibiotic residues in poultry products and its importance in public health, The 1st Scientific congress of veterinary students, Islamic Azad University, Tabriz branch, Tabriz, Iran [[Web link](#)].
3. **2002: Mostafavi, E.,** A survey about the infrastructure of Iran's veterinary colleges, 12th 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 12th congress of Iran veterinary association, Iran University of Medical Sciences, Tehran, Iran [[Web link](#)].
1. **2000: Safayi S., Mostafavi E.,** A statistical study on the social aspects of veterinary medicine in Iran, The 11th congress of Iran veterinary association, Iran University of Medical Sciences, Tehran, Iran [[Web link](#)].

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 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

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. **2017-2020:** 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-Present:** 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-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:** 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, 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-Present:** 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 finding 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:** Re-vision 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- Present:** 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 (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) 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)

31. **2018-Present:** 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-Present:** 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- 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. the 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, 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 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. 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- 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 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 signalling 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- 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- 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- Present:** "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- Present:** “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- 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- 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 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/ meetings

- **2019:** Strategic framework for prevention and control of emerging and epidemic-prone diseases in the WHO Eastern Mediterranean Region as a WHO Temporary Advisor, 4 - 5 August 2019, Cairo, Egypt.
- **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 as a WHO Temporary Advisor, 16-23 February, 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:** 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.
- **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 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 researches, Tehran University of Medical Sciences, Tehran, Iran.
- **2010:** Bias analysis; Shahrood University of Medical Sciences, Shahrood, Iran.
- **2010:** Evidence Based Medicine workshop; Shahrood University of Medical Sciences, Shahrood, 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 natural antimicrobial products; University of Shiraz, Shiraz, Iran.

11. Society/ association membership

- **2015- Present:** 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- 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

- **2021-Present:** 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.
- **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-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 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 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 1st 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](#)].
- ARC Journal of Cardiology (AJC) [[Web link](#)]
- Journal of Epidemiological Research [[Web link](#)].
- ARC Journal of Clinical Case Reports [[Web link](#)].
- Journal of Occupational Health and Epidemiology [[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**).
- **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 XIth 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, Mantasoa, 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 8th 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 4th 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 7th 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 17th 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](#)].