

SANA EYBPOOSH, PHD

Associate Professor in Epidemiology, Pasteur Institute of Iran
Board Member, Rapid Response Team for Emerging Infectious Diseases, Pasteur Institute of Iran
Project Manager of the Phase III COVID-19 Vaccine Trial, Soberana COVID-19 Vaccine, Finlay Institute
Board Member, National Committee on COVID-19 Epidemiology, Ministry of Health, IR Iran
Board Member, National Committee on Antimicrobial Resistance, Ministry of Health, IR Iran

Email: s_eybpoosh@pasteur.ac.ir, sana.eybpoosh@gmail.com

Tell: (+98) 913-441-7106

Fax: (+98) 216-411-2120

Last Update: 2023-02-29

EDUCATION

Ph.D. 2010 - 2016

- Epidemiology, Kerman University of Medical Sciences, Kerman, Iran

MSc. 2007-2010

- Community Health, Tehran University of Medical Sciences, Tehran, Iran

B.S. 2002 - 2006

- Nursing, Tehran University of Medical Sciences, Tehran, Iran

RESEARCH INTERESTS & AREAS OF EXPERTISE

- Socio-Molecular Epidemiology of Infectious Diseases
- Virological Epidemiology: Emerging and reemerging infectious diseases, HIV/AIDS, COVID-19, Influenza, CCHF, Viral Hepatitis
- Outbreak investigation
- Infectious diseases surveillance
- Health Systems Research (HSR)
- Mathematical Modeling of Infectious Disease
- Systematic Review & Meta-Analysis

POSITIONS

- 2016 – Present **Position: Assistant Professor**
Department of Epidemiology and Biostatistics, Pasteur Institute of Iran, Tehran, Iran
- 2020 – Present **Position: Board Member**
National Committee on COVID-19 Epidemiology, Ministry of Health, Iran
- 2016 – Present **Position: Faculty Member**
Research Centre for Emerging and Re-emerging Infectious Diseases, Pasteur institute of Iran, Tehran, Iran.
- 2019 - Present **Position: Board Member**
Rapid Response Team for Emerging Infectious Diseases, Pasteur Institute of Iran
- 2020 **Position: National Consultant**
Clinical Management of COVID-19, WHO Country Office, Iran
- 2018 – 2020 **Position: Vice Chancellor of Research**
WHO Collaborating Center for HIV Surveillance in Iran
- 2018 – 2021 **Position: Board Member**
Scientific Association for Public Health in Iran (SAPHIR)
- 2011 – 2015 **Position: Associate Researcher**
Research Centre for Modeling in Health, Kerman Medical University, Kerman, Iran.
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AWARDS & HONORS

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|---|------|
| Outstanding Researcher, Pasteur Institute of Iran, Iran | 2022 |
| Outstanding Researcher, Pasteur Institute of Iran, Iran | 2021 |
| SAPHIR Junior Research Award for Outstanding Contribution to Public Health in Iran, by SAPHIR Network | 2018 |
| IZAMA Young Scientist Award, 10 th International Addiction Science Congress, 2016, Tehran, Iran | 2016 |
| Young Scientist Award, 10 th World Congress of Biological Psychiatry. 2011, Prague, Czech Republic | 2011 |
| Top Graduated Student at Ph.D. Level in Kerman Medical University, Kerman, Iran | 2016 |
| Young Researcher Award, Kerman Medical University, Kerman, Iran | 2014 |
| Outstanding Student Award, Kerman Medical University, Kerman, Iran | 2014 |
| Top Graduated Student at MSc. Level in Tehran Medical University, Tehran, Iran | 2010 |
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RESEARCH & PROJECTS

Active Grants & Projects

- 2023 - 2024 **Post campaign vaccination coverage among Afghan immigrants and refugees in Iran**
Funder: World Health Organization (PI)
- 2023 - 2024 **Log-term adverse events following Soberana Covid-19 vaccine among adults with comorbidities**
Funder: Pasteur Institute of Iran (PI)
- 2021 - 2022 **Stability of humoral and cellular immunity in recipients of Soberana COVID-19 vaccine in Iran**
Funder: Pasteur Institute of Iran (PI)
- 2021 - 2022 **Immunogenicity and safety of PastoCovac COVID-19 vaccine as a booster dose in comparison with Sinopharm and PastoCovac-Plus boosters among Iranian adults aged from 18 to 80 who received 2 doses of Sinopharm vaccine: parallel group clinical trial**
Funder: Pasteur Institute of Iran (Co-I)
- 2021 - 2022 **The assessment of SARS-CoV-2 S gene mutations in COVID-19 positive participants of Soberana vaccine's phase III clinical trial in Iran**
Funder: Pasteur Institute of Iran (Co-I)
- 2021 - 2022 **Correlation between single nucleotide polymorphisms in IFNL3, IFNL4, OAS3, DPP9, TYK2, IFNAR2 and expression of TRIM5 α , TRIM22, TRIM25, TRIM28, and TRIM56 genes with COVID-19 severity**
Funder: Pasteur Institute of Iran (Co-I)
- 2021 - 2022 **The investigation of genomic and transcriptomic markers related to COVID-19 infection in Iranian population**
Funder: Pasteur Institute of Iran (Co-I)
- 2020 - 2021 **Bio-Behavioral Surveillance Survey (BSS) of HIV/AIDS among Men Who Have Sex with Men (MSM) and Transgenders (TG) in Iran**
Funder: UNAIDS (Co-I)
- 2019 – 2020 **Knowledge, attitude and behavior toward antimicrobial resistance among health care workers in Iran**
Funder: CDC office of Iran's Ministry of Health (PI)

Completed Grants & Projects

- 2022 – 2023 **Impact of COVID-19 Pandemic on Sexually Transmitted Infections Surveillance System and Care and Treatment Services in Iran**
Funder: World Health Organization (WHO) (PI)
- 2020 - 2022 **Efficacy and safety of a protein-based SARS-CoV-2 vaccine (SOBERANA 02 and SOBERANA Plus): a multi-center, double-blind, randomized, placebo-controlled, phase 3 trial on 24,000 adults in Iran**
Funder: Pasteur Institute of Iran (Project Manager)
- 2021 - 2022 **Immunogenicity and safety of PastoCovac-Plus COVID-19 vaccine as the booster dose in Iranian adults aged 18 to 80 who received two doses of Sinofarm or Astrazeneca COVID-19 vaccine**
Funder: Pasteur Institute of Iran (PI)
- 2021 - 2023 **Spatio-temporal analysis of HIV transmission clusters in Kerman**
Funder: Kerman Medical University (PI)

- 2020 – 2020 **Projection of the effect of interventions on COVID-19 infections, hospitalized cases, and deaths: a Mathematical Modelling Study under the Oxford Modelling Consortium on Covid-19**
Funder: Kerman Medical University, Kerman, Iran (Co-I)
- 2020 - 2020 **Projection of the number of COVID-19 infections, hospitalized cases, and deaths in Iran: a Mathematical Modelling Study**
Funder: Kerman Medical University, Kerman, Iran (Co-I)
- 2020- 2020 **Self-isolation and social distancing behavior of elderlies during the COVID-19 epidemic in Iran**
Funder: Shahroud Medical University, Shahroud, Iran (Co-I)
- 2020 – 2020 **Incidence of and associated risk factors for infection with COVID-19 in Iran**
Funder: Kerman Medical University, Kerman, Iran (Co-I)
- 2020 – 2020 **Barriers and Facilitators of HIV prevention, care, and treatment services in Kerman**
Funder: Kerman Medical University, Kerman, Iran (Co-I)
- 2021 - 2022 **Whole Genome Analysis of SARS CoV-2 in Iran**
Funder: Pasteur Institute of Iran (Co-I)
- 2020 - 2021 **Presence of common respiratory bacteria in Covid-19 suspected cases**
Funder: Pasteur Institute of Iran (Co-I)
- 2020 - 2021 **Basic Reproductive Number of Covid-19 in Iran**
Funder: Hamedan University of Medical Sciences (Co-I)
- 2020 - 2021 **Genetic diversity of genes encoding Streptococcus Pneumonia (PspA) surface protein types**
Funder: Pasteur Institute of Iran (Co-I)
- 2019 – 2020 **Molecular epidemiology and dissemination pathways of CCHF virus across Afghanistan and Iran**
Funder: Pasteur Institute of Iran (PI)
- 2019 – 2020 **Prevalence of HIV/HCV Co-infection and related demographic factors in Iran’s prisons**
Funder: UNDP (PI)
- 2019 – 2019 **Process evaluation of TB and HIV prevention, care and treatment in prisons of Iran**
Funder: UNDP (PI)
- 2019 – 2019 **Development of roadmap to fast-track HIV response in selected cities of Iran**
Funder: UNAIDS (PI)
- 2016 - 2019 **Sentinel surveillance of emerging and reemerging infectious diseases**
Funder: Ministry of Health, Iran (Co-I)
- 2018 – 2020 **Whole genome analysis, Crimean-Congo Hemorrhagic Fever virus, Next Generation Sequencing**
Funder: Pasteur Institute of Iran (Co-I)
- 2018 – 2020 **Pilot study of the association between viral infections and esophageal cancers using a pan-viral array technology**
Funder: Pasteur Institute of Iran (Co-I)
- 2018 – 2020 **Species identification and population genetics of hard ticks (Ixodidae) from five geographical areas of Iran using morphology and three molecular markers, COI, 16S rDNA and 12S rDNA**
Funder: Pasteur Institute of Iran (Co-I)
- 2017 – 2019 **Prevalence of antibiotic resistance in Helicobacter pylori strains and determination of functional gene alterations in the hypermutable regions**
Funder: Pasteur Institute of Iran (Co-I)

- 2017 – 2019 **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**
Funder: National Institute for Medical Research Development and Pasteur institute of Iran (Co-I)
- 2018 – 2018 **Subnational monitoring of the HIV epidemic and response in the cities of Tehran, Karaj, Esfahan and Shiraz (Iran)**
Funder: UNAIDS (PI)
- 2018 – 2019 **Evaluation of Prevention of Mother-to-Child Transmission (PMTCT) of HIV in Iran**
Funder: UNAIDS (Co-I)
- 2018 – 2019 **Addressing the health needs of women in prisons**
Funder: UNAIDS (Co-I)
- 2016 - 2017 **The association between viral infections and esophageal cancer using viral microbial technology**
Funder: Pasteur Institute of Iran (Co-I)
- 2017 - 2018 **Whole genome sequencing of CCHF virus**
Funder: Pasteur Institute of Iran (Co-I)
- 2016 – 2017 **External evaluation of infectious disease surveillance system in Iran**
Funder: Iran’s Ministry of Health (Co-I)
- 2016 – 2019 **Monitoring of brucellosis through empowerment of health sectors, popular mobilization, and improvement of laboratory diagnoses.**
Funder: Iran’s Ministry of Health (Co-I)
- 2012 – 2018 **Spatiotemporal and Population Dynamics of HIV-1 CRF35_AD in Iran.**
Funder: Pasteur Institute of Iran and Kerman Medical University (PI)
- 2012 – 2016 **Infection of hard ticks (Ixodidae) originating from north and northwest of Iran to Borrelia burgdorferi, Francisella tularensis, and Coxiella burnetii.**
Funder: Pasteur Institute of Iran (Co-I)
- 2012 – 2015 **Determination of the ‘cancer phenotype’ by in vivo and in vitro mucin profiling.**
Funder: Pasteur Institute of Iran (Co-I)
- 2012 – 2015 **Identification of biomarkers of early stages of gastric cancer**
Funder: Pasteur Institute of Iran (Co-I)
- 2016 – 2016 **Investigating the changes in the copy number of peripheral blood mononuclear cells’ mitochondrial genome as a biomarker for gastric cancer and its relationship with helicobacter pylori infection**
Funder: Pasteur Institute of Iran (Co-I)
- 2010 – 2011 **Validity and reliability of the Persian version of CAM-ICU tool in critical care units.**
Funder: Tehran Medical University (PI)
- 2010 – 2011 **Effect of the trans-theoretical stage of change-based educational package on micronutrient intake of adolescent girls in Tehran 17th zone**
Funder: Tehran Medical University (PI)
- 2009 – 2010 **Barriers to research utilization by Iranian nurses in clinical settings.**
Funder: Iran’s Nursing Council (Co-I)
- 2012 – 2013 **Designing excellent research management program for medical doctors in Iran**
Funder: Kerman Medical University (Co-I)
- 2012 – 2013 **External evaluation of nosocomial infections surveillance system in Iran**
Funder: Ministry of health (Co-I)

- 2011 – 2012 **External evaluation of type 2 diabetes screening program in rural areas of Iran**
Funder: Ministry of health (Co-I)
- 2012 – 2013 **Explanation of national health accounts**
Funder: Ministry of health (Co-I)
- 2011 – 2012 **Comparison of three interview methods on response pattern to sensitive and non-sensitive questions**
Funder: Kerman Medical University (Co-I)
- 2010 – 2011 **The quality of life and quality of sleep of Iranian elderly people residing in Kahrizak Nursing Home**
Funder: Tehran Medical University (Co-I)
- 2020 - 2021 **Glycogen-storage disease type II (GSD II): Measurement of alpha-glucosidase activity in paper-dried blood samples**
Funder: Pasteur Institute of Iran (Co-I)
- 2019 - 2021 **Association between serum C-Reactive Protein level and response to s-citalopram, bupropion, sertraline, and combined citalopram and bupropion regimens in patients with depression**
Funder: Tehran University of Medical Sciences (Co-I)
- 2019 - 2021 **Effectiveness of rTMS in the treatment of patients with functional neurological disorder (non-epileptic seizures)**
Funder: Tehran University of Medical Sciences (Co-I)
- 2018 - 2020 **Prevalence of Medically unexplained symptoms in Iran**
Funder: Tehran University of Medical Sciences (Co-I)

SELECTED PUBLICATIONS

Book Chapters (as Contributor)

Text books

- 2021 **Eybpoosh S**, Peykari N, Asadi H, Haghdoost AA. COVID-19 and the Medical science in Iran. In: Essays on Health and Covid-19 Crisis in the Islamic Republic of Iran. 1st edition. **Tehran: Iran: Teb & Jame'e, pp. 34 – 51.**
- 2019 **Eybpoosh S**, Eshrati B. Nosocomial Infections. In: Textbook of infectious diseases Epidemiology in Iran (Volume 1: Communicable diseases), 2nd Edition. Yavari P. (Editor). Tehran, Iran: Gap press, pp. 117-132. [**National Text Book**]
- 2018 Haghdoost AA, **Eybpoosh S**. Fundamentals of meta-analysis. In: Textbook of systematic review and meta-analysis. 4th edition. Haghdoost AA, Sadeghirad B (Editors). Tehran: Gap press. [**National Text Book**]
- 2014 **Eybpoosh S**, Eshrati B. Nosocomial Infections. In: Textbook of infectious diseases Epidemiology in Iran (Volume 1: Communicable diseases), 1st Edition. Yavari P. (Editor). Tehran, Iran: Gap press. [**National Text Book**]
- 2014 Haghdoost AA, **Eybpoosh S**. Fundamentals of meta-analysis. In: Textbook of systematic review and meta-analysis. 3rd edition. Haghdoost AA, Sadeghirad B (Editors). Tehran: Gap press. [**National Text Book**]
- 2014 Haghdoost AA, Sadeghirad B, **Eybpoosh S**, Dastoorpoor M, Moradi M, Mohebbi E. Special techniques of meta-analysis. In: Textbook of systematic review and meta-analysis. 3rd edition. Haghdoost AA, Sadeghirad B (Editors). Tehran: Gap press. [**National Text Book**]

Online books

- 2013 **Eybpoosh S**. Evidence Map of studies on Nosocomial Infections in Iran. KASA e-Book Series.
Link: <http://ihrs.irnabs.com/Portals/0/PDF/7-Nosocomial%20chapter.pdf?ver=1396-03-06-004201887>
- 2012 **Eybpoosh S**. Evidence Map of studies on Obesity in Iran. KASA e-Book Series
Link: <http://ihrs.irnabs.com/Portals/0/PDF/9-obesity%20chapter.pdf?ver=1396-03-06-004207-313>
- 2011 **Eybpoosh S**. Evidence Map of studies on Anemia in Iran: KASA e-Book Series
Link: <http://ihrs.irnabs.com/Portals/0/PDF/1-Anemia.pdf?ver=1396-03-06-004136-630>

Situation analyses of COVID-19 in Iran, 2020

Responsible for the analysis and development of daily factsheets on different aspects of COVID-19 epidemic in Iran (I have led the publication of 43 factsheets by 28 May, 2020). Available at:

<http://corona.behdasht.gov.ir/page/25/%DA%AF%D8%B2%D8%A7%D8%B1%D9%87-%D8%A8%D8%B1%DA%AF%E2%80%8C%D9%87%D8%A7>

Also Published in Arch Acad Emerg Med as below:

- **Eybpoosh S**, Mostafavi E, Haghdoost AA, Mounesan L, Peykari N, et al. Daily Situation Report on Coronavirus disease (COVID-19) in Iran; March 13, 2020. Arch Acad Emerg Med. 2020; 8(1): e23
- **Eybpoosh S**, Mostafavi E, Haghdoost AA, Amiri SH, et al. Daily Situation Report on Coronavirus disease (COVID-19) in Iran; March 14, 2020. Arch Acad Emerg Med. 2020; 8(1): e24.
- **Eybpoosh S**, Mostafavi E, Haghdoost AA, Amiri SH, et al. Daily Situation Report on Coronavirus disease (COVID-19) in Iran; March 15, 2020. Arch Acad Emerg Med. 2020; 8(1): e25.

- **Eybpoosh S**, Mostafavi E, Haghdoost AA, Amiri SH, et al. Daily Situation Report on Coronavirus disease (COVID-19) in Iran; March 16, 2020. Arch Acad Emerg Med. 2020; 8(1): e26.
- **Eybpoosh S**, Mostafavi E, Haghdoost AA, Amiri SH, et al. Daily Situation Report on Coronavirus disease (COVID-19) in Iran; March 17, 2020. Arch Acad Emerg Med. 2020; 8(1): e26.
- **Sharifi H**, Jahani Yunes, Ahmadi M, Haghdoost AA, **Eybpoosh S**, Mostafavi E, Amiri SH, et al. Daily Situation Report on Coronavirus disease (COVID-19) in Iran (Modeling Deaths); March 22, 2020. Arch Acad Emerg Med. 2020; 8(1): e28.
- **Eybpoosh S**, Mostafavi E, Haghdoost AA, Amiri SH, et al. Daily Situation Report on Coronavirus disease (COVID-19) in Iran; March 23, 2020. Arch Acad Emerg Med. 2020; 8(1): e36.
- **Eybpoosh S**, Ostovar A, Mostafavi E, Haghdoost AA, Amiri SH, et al. Daily Situation Report on Coronavirus disease (COVID-19) in Iran; March 24, 2020. Arch Acad Emerg Med. 2020; 8(1): e38.
- **Eybpoosh S**, Mostafavi E, Haghdoost AA, Amiri SH, et al. Daily Situation Report on Coronavirus disease (COVID-19) in Iran; March 25, 2020. Arch Acad Emerg Med. 2020; 8(1): e38.

Selected Peer-Reviewed Articles

2022

1. Mostafavi E, **Eybpoosh S (Co-First Author)**, Karamouzian M, Khalili M, Haji Maghsoudi S, Salehi-Vaziri M, et al. Efficacy and safety of a protein-based SARS-Cov-2 vaccine (SOBERANA 02 and SOBERANA Plus): a double-blind, randomized placebo-controlled, phase 3 trial in Iran. *JAMMA Network Open*. 2022. accepted. (IF: 13.4)
2. Ghalekhani N, Bokaie S, **Eybpoosh S (Corresponding Author)**, Akbarein H, Sharifi H. Reconstruction of molecular evolution of human influenza A H1N1/2009 virus in Iran and neighboring countries. *Journal of Medical Virology*. 2022. Accepted. (IF: 20.7)
3. **Eybpoosh S**, Biglari A, Sorouri R, Ashrafian F, Larijani MS, Verez-Bencomo V, Toledo-Romani ME, Silva CV, Salehi-Vaziri M, Dahmardeh S, Doroud D, Banifazl M, Mostafavi E, Bavand A, and Ramezani A. Immunogenicity and safety of heterologous boost immunization with PastoCovac Plus in ChAdOx1-S or BBIBP-CorV primed individuals. *Microbes and Infection*. Submitted. (IF: 9.6)
4. Tavakoli R, Rahimi P, Hamidi-Fard M, **Eybpoosh S**, Doroud D, Ahmadi I, Anvari E, Aghasadeghi M, Fateh A. Comparing the expression levels of tripartite motif containing 28 in mild and severe COVID-19 infection. *Virology Journal*. 2022 Dec;19(1):1-7. (IF: 5.6)
5. Jaafari Z, McFarland W, **Eybpoosh S**, Ahmadi Tabatabaei SV, Bafti MS, Ranjbar E, Sharifi H. Barriers and facilitators of access to HIV prevention, care, and treatment services among people living with HIV in Kerman, Iran: a qualitative study. *BMC Health Services Research*. 2022; 22 (1): 1097. <https://doi.org/10.1186/s12913-022-08483-4>. (IF: 2.9)
6. Sharifi H, Jahani Y, Mirzazadeh A, Ahmadi MG, Nakhaeizadeh M, Shokoohi M, **Eybpoosh S**, Tohidinik HR, Mostafavi E, Khalili D, Hashemi SSN, Karamouzian M, Haghdoost AA. Estimating COVID-19-related infections, deaths, and hospitalizations in Iran under different physical distancing and isolation scenarios. *International journal of health policy and management*. 2022; 11(3): 334-343. (IF: 5)
7. Doosti-Irani A, Haji-Maghsoudi S, Haghdoost AA, **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*. 51(4): 886-894. (IF: 1.4)
8. Esfahani Aida, Ayatollah NO, Salehi Z, Shams-Ghahfarokhi M, Ghane M, **Eybpoosh S**, Razzaghi-Abyaneh M. Molecular epidemiology, antifungal susceptibility, and ERG11 gene mutation of *Candida* species isolated from vulvovaginal candidiasis: Comparison between recurrent and non-recurrent infections. *Microbial Pathogenesis*. 2022; 170:105696 (IF: 3.8)
9. Mirzaei H, Mirzazadeh A, Barouni M, Ranjbar E, **Eybpoosh S**, Sharifi H. Epidemiology and spatial distribution of people diagnosed with HIV between 1997 and 2020 in Kerman, Iran. *Sexually Transmitted Infections*. 2022; 0: 1-6. doi:10.1136/sextrans-2021-055345. (IF: 3.5)
10. Latifi T, **Eybpoosh S**, Afchangi A, Jalilvand S, Shoja Z. Genetic characterization of P [8] rotavirus strains circulated in Iran between 2009 and 2017. *Journal of Medical Virology*. 2022; 3561-69. doi: 10.1002/jmv.27766. Online ahead of print. (IF: 20.7)
11. Hadifar S, Kamakoli MK, Eybpoosh S, Nakhaeizadeh M, Kamakoli MA, Ebrahimifard N, Fateh A, Siadat SD, Vaziri F. The shortcut of mycobacterial interspersed repetitive unit-variable number tandem repeat typing for *Mycobacterium tuberculosis* differentiation. *Frontiers in Microbiology*. 2022; DOI 10.3389/fmicb.2022.978355. Online, Ahead of Print (IF: 6.1)

2021

12. **Eybpoosh S**, Afshari M, Haghdoost AA, Afsar Kazerooni P, Gouya MM. Severity and mortality of COVID-19 infection in HIV-infected individuals: Preliminary findings from Iran. *Medical Journal of the Islamic Republic of Iran*. 2021; 35 (1): 257-262. (PubMed)

13. Jaafari Z, **Eyboosh S**, Sharifi H, Karamouzian M. Exploration of the Impact of Coronavirus Disease 2019 on People Living with HIV in Kerman, Iran: A Qualitative Study. *Journal of the Association of Nurses in AIDS Care*. 2021; 1-9. doi: 10.1097/JNC.0000000000000303. Online ahead of print. **(IF: 1.35)**
14. Amiri S, Haghdoost A, Mostafavi E, Sharifi H, Peykari N, Raeisi A, Assai Ardakani M, Asadi-Lari M, Soori H, Ostovar A, Eshrati B, Gouya MM, Nasehi M, Tabatabaei SM, Amirkhani M, **Eyboosh S (Corresponding Author)**. Iran COVID-19 Epidemiology Committee: A Review of Missions, Structures, Achievements, and Challenges. *Journal of Research in Health Sciences*. 2021. 21(1): e00505. **(ISI, PubMed)**
15. Águas R, Mahdi A, Shretta R, Horby P, Landray M, White L, et al (CoMo COVID-19 Consortium). The potential health and economic impact of dexamethasone treatment for patients with COVID-19. *Nature Communications*. 2021; 12: 915. **(IF: 14.9)**
16. Mehrbod P, **Eyboosh S**, Farahmand B, Fotouhi F, Alishahi MK. Association of the host genetic factors, hypercholesterolemia and diabetes with mild influenza in an Iranian population. *Virology journal*. 2021; 18 (1): 1-11. **(IF: 4.099)**
17. Ghalekhani N, Bokaie S, **Eyboosh S**, Akbarein H. Spatio-temporal history of H9N2 viruses in Iran and neighbor countries by Bayesian analysis and molecular characterization. *Asian Pacific Journal of Tropical Medicine*. 2021; 14 (7), 309. **(IF: 1.226)**
18. Kazeroni PA, Gouya MM, Tira M, Sargolzaie M, **Eyboosh S**, Majdfar Z. Prevention of mother-to-child HIV transmission program in Iran. *BMC public health*. 2021; 21 (1): 1-8. **(IF: 3.295)**
19. **Eyboosh S**, Mostaan S, Gouya MM, Masoumi H, Owlia P, Eshrati B, Montazer M, Bouzari S. Frequency of five *Escherichia Coli* pathotypes in Iranian adults and children with acute diarrhea. *PLoS One*. 2021; 16 (2): e0245470. **(IF: 3.24)**
20. Alikhani M, Saberi S, Esmaeili M, Michel V, Tashakoripour M, Abdirad A, Aghakhani A, **Eyboosh S**, Vosough M, Mohagheghi MA, Hosseini ME, Touati E, Mohammadi M. Mitochondrial DNA copy number variations and serum pepsinogen levels for risk assessment in gastric cancer. *Iranian Biomedical Journal*. 2021; 25 (5): 323. **(PubMed)**
21. Tabasi M, **Eyboosh S**, Siadat SD, Elyasinia F, Soroush A, Bouzari S. Modulation of the Gut Microbiota and Serum Biomarkers After Laparoscopic Sleeve Gastrectomy: a 1-Year Follow-Up Study. *Obesity Surgery*. 2021; 31(5): 1949-1956. **(IF: 4.129)**
22. Tabasi M, **Eyboosh S**, Sadeghpour FH, Siadat SD, Mousavian G, Elyasinia F, Soroush A, Bouzari S. Gut microbiota and serum biomarker analyses in obese patients diagnosed with diabetes and hypothyroid disorder. *Metabolic Syndrome and Related Disorders*. 2021; 19 (3), 144-151. **(IF: 1.894)**
23. Alikhani M, Touati E, Karimipoor M, Vosough M, **Eyboosh S (Co-Corresponding Author)**, Mohammadi M. Dynamic changes of mitochondrial DNA copy number in gastrointestinal tract cancers: a systematic review and meta-analysis. *Cancer investigation*. 2021; 39 (2): 163-179. **(IF: 2.176)**

2020

24. Nakhaeizadeh M, **Eyboosh S (Co-First Author)**, Jahani Y, Gohari MA, Haghdoost AA. Impact of non-pharmaceutical interventions on the control of COVID-19 in Iran: A mathematical modeling study. *International Journal of Health Policy and Management*. 2021: 1-10. Doi: 10.34172/IJHPM.2021.48. Online ahead of print. **(IF: 5)**
25. Shati M, Alami A, Mortazavi SS, **Eyboosh S (Corresponding Author)**, Emamian MH, Moghadam M. Adherence to Self-isolation measures by older adults during coronavirus disease 2019 (COVID-19) epidemic: A phone survey in Iran. *Medical Journal of the Islamic Republic of Iran*. 2020. 34: 152. **(PubMed)**

26. Peykari N, **Eybpoosh S**, Safikhani H, Haghdoost AA, Tabatabaei-Malazy O, Larijani B. Non-communicable Diseases and COVID-19; a double-edged sword A Special Communication from IRAN. *Journal of Diabetes & Metabolic Disorders*. 2020; 19(2): 2057-2061. **(ISI, PubMed)**
27. Doosti-Irani A, Haghdoost AA, Najafi F, **Eybpoosh S**, Moradi G, Amiri FB. How can the epidemic curve of COVID-19 in Iran be interpreted? *Journal of research in health sciences*. 2020; 20 (3): e00491. **(ISI, PubMed)**
28. Aguas R, White L, Hupert N, et al. (CoMo COVID-19 Consortium). COVID-19 Pandemic Modelling in Context: Uniting People and Technology. *BMJ Global Health*. 2020; 5:e003126. **(IF: 5.558)**
29. Khorrami Z, Nili S, **Eybpoosh S (Corresponding Author)**, Sharifi H, Haghdoost AA, Shokoohi M. Association of cigarette smoking, obesity, and underlying medical conditions with COVID-19 hospitalization and mortality in Iran: A nationwide retrospective ecological study. *Medical Journal of the Islamic Republic of Iran*. 2020; 34:133. **(PubMed)**
30. Peykari N, Mostafavi E, **Eybpoosh S**, Haghdoost AA. Trend of the COVID-19 Pandemic in IRAN. *Iranian Journal of Culture and Health Promotion*. 2020. 4(1): 14-19. [In Persian]
31. Sharifi H, Karamouzian M, Khorrami Z, Khalili M, Mostafavi E, **Eybpoosh S**, Mirzazadeh A, Haghdoost AA. Estimation of Coronavirus Disease 2019 Burden and Potential for International Dissemination of Infection from Iran. *Annals of Internal Medicine*. 2020; 173 (1): 73-78. **(IF: 25.391)**
32. Mounesan L, **Eybpoosh S**, Haghdoost AA, Moradi G, Mostafavi E. Is reporting many cases of COVID-19 in Iran due to strength or weakness of Iran's health system? *Iranian Journal of Microbiology*. 2020; 12 (2): 73-76. **(ISI, PubMed)**
33. Naddaf SR, Mohabati R, Vahabpor R, Naeimi S, **Eybpoosh S**. Diagnosis of Leptospirosis in Febrile Patients of Golestan Province, Iran: Serology versus PCR. *Journal of Medical Microbiology and Infectious Diseases*. 2020; 8 (3): 98-103.
34. Mostafavi E, Moradi GH, Rahmani KH, Jahanbakhsh F, **Eybpoosh S**. Rabies Surveillance System in Iran: History, Structures, and Achievements. *Iranian Journal of Epidemiology*. 2020; 16 (1), 35-44. [In Persian]
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CONFERENCE PRESENTATION/PROCEEDING

- Leila Mounesan, Ehsan Mostafavi, **Sana Eybpoosh**, Babak Eshrati. Tackling antibiotic resistance in Iran: An epidemiologic overview of current situation and actions. AMR Lebanon. Beirut, Lebanon. 2019.
- Mohsen Tabasia, **Sana Eybpoosh**, Saeid Bouzaria. Evaluation of the Serodiagnosis efficacy of IgM anti-whole cell *Brucella abortus* S99 antibodies in human serum. 11th international congress on laboratory and clinic. Tehran Medical University. Tehran, Iran. January 16-18, 2019.
- Mohammad Arbabi, Elham Ziaee, **Sana Eybpoosh**. Predictors of delirium in patients admitted in a general hospital. JNNP 2019; 90 (Suppl 2): A1–A24
- **Eybpoosh S (Presenter)**, Haghdoost AA, Mostafavi E, Azadmanesh K. HIV Circulation across Afghanistan and Iran: the HIV-1 CRF35_AD Scenario. 3rd international and 7th national AIDS conference. Imam Khomeini hall, Shahid Beheshti University of Medical Sciences. Tehran, Iran. November 21-23, 2018.
- **Eybpoosh S (Presenter)**. Molecular Epidemiology and Typing Accuracy of *Leishmania* Species in Iran. International Meeting on Emerging Diseases and Surveillance. November 9-12, 2018, Vienna, Austria. [Accepted].
- **Eybpoosh S (Presenter)**. Population Dynamics of HIV_1 CRF35_AD in Iran. International Meeting on Emerging Diseases and Surveillance. International Meeting on Emerging Diseases and Surveillance. November 9-12, 2018, Vienna, Austria. [Accepted].
- **Eybpoosh S (Presenter)**, Mostafavi E, Azadmanesh K, Haghdoost AA. Spatio-temporal history of the HIV-1 circulating recombinant form 35_AD in Afghanistan and Iran. 22nd International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology. Lisbon, Portugal. August 27- September 1, 2017.
- **Eybpoosh S (Presenter)**, Haghdoost AA, Mostafavi E. Spatio-Temporal history of HIV-I Subtype B and CRF01_AE Clades in Iran. 7th Iranian virology congress. May 11-12, 2017. Tehran, Iran.
- Habibi Z, **Eybpoosh S**, Sharifi H, Sadeghi B. Phylogenetic analysis of Iranian *Leishmania* species using 7SLRNA gene. The 3rd International and 10th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA10). November 1-3, 2017, Shiraz, Iran.
- **Eybpoosh S (Presenter)**, Haghdoost AA. *HIV virus intermixing between Afghan and Iranian injection drug users*. 1th annual international addiction science congress (ASC 2016), September 14-16 2016. Tehran-Iran.
- Jahanbakhsh F, Mostafavi E, **Eybpoosh S**, Haghdoost AA, Gouya MM, Azadmanesh K. *HIV-1 Subtype Distribution in the Region, Focusing on CRF 35_AD*. Endemic and Emerging Viral Diseases of Priority in the Middle East and North Africa (MENA) – A Scientific Workshop to Promote Research Collaboration. 26th – 29th May 2014, Doha, Qatar
- Eybpoosh MH, **Eybpoosh S**. *Applicability of EMG-based Computerized Classifiers for Discriminating Myopathic, Neuropathic and Healthy Individuals: A Systematic Review*. 5th Dr. Yalda congress. 6th – 10th octobr 2014, Tehran Medical University, Tehran, Iran.
- Oghalaie A, Saberi S, Talebkhan Y, Esmaili M, Bababeik M, Hassanpour Parisa, Barani S, **Eybpoosh S**, et al., *Gene Polymorphisms of Pro- and Anti-Inflammatory Cytokines Increase the Risk of Gastric Cancer in Helicobacter pylori Infected Subjects*. First Malaysia genetics congress. 2013, P 77, abstract ID: 050
- Kurdistani ZK, Saberi S, Talebkhan Y, Oghalaie A, Esmaili M, Bababeik M, Hassanpour P, **Eybpoosh S**, Mohammadi M. *Genetic Variation and Population Structure of Cytokine Genes among Six Iranian Ethnic Populations*. First Malaysia genetics congress. 2013, P 51, abstract ID: 052
- Barani S, Saberi S, Talebkhan Y, Oghalaie A, Esmaili M, Doozbakhshan M, Samadi T, **Eybpoosh S**, et al. *Genetic Polymorphisms of IL6 and IL8 and Over-Expression of Their Serum Levels are More Prominent in Gastric Cancer Patients*. First Malaysia genetics congress. 2013, P 51, abstract ID: 051

- Oghalaie A, Saberi S, Talebkhan Y, Esmaili M, Bababeik M, Hassanpour Parisa, Barani S, **Eybpoosh S**, et al., *Gene Polymorphisms of Pro- and Anti-Inflammatory Cytokines Increase the Risk of Gastric Cancer in Helicobacter pylori Infected Subjects*. First Malaysia genetics congress. 2013, P 77, abstract ID: 050
- Talebkhan Y, Esmaili M, **Eybpoosh S**, Saberi S, Salarieh N, Oghalaie A, Abdirad A, Eshagh Hosseini M, Mohagheghi M. and Mohammadi M. *Hypermethylation of Tumor Suppressor Genes in Cancerous and Non-Cancerous Gastric Mucosa*. Helicobacter, 2013; 18(Issue Supplement S1). 112. Abstract no: P07.07.
- Khajeh kazemi R, Baneshi MR, Haghdoost AA, **Eybpoosh S (Presenter)**. *Comparison of three interview methods on response pattern to sensitive questions in Iran*. HIV Moderchild, 2012. Shiraz, Iran.
- Arbabi M, **Eybpoosh S**, Karim H. *Neurological soft signs in patients with borderline personality disorders*. 10th World congress of biological Psychiatry. 2011, Czech Republic.
- **Eybpoosh S (Presenter)**, Rahnavard Z, Zolfaghari M. *The Effect of Stage-Based Educational Package on Micronutrient Intake in Adolescent Girls of Tehran 17th Zone*. TTM international conference on school health. 2011. Shiraz, Iran.
- Mohammadi N, **Eybpoosh S**, Ahmadi N. *Investigating the drug interactions of Kerman general physicians and specialists' prescriptions (2119-2111)*. SICOBARE, Isfahan, Iran, 2011.
- Zolfaghari M, Negarandeh R, Ahmadi F, **Eybpoosh S**. *Satisfaction in a Blended Learning Program: Results of an Experiment in the Faculty of Nursing and Midwifery in Iran*. Paper presented at International Congress of E-Learning, 2010, Universiti Sains Malaysia, Penang, Malaysia.
- **Eybpoosh S (Presenter)**, Yavari P. *Do Tehranian adolescent girls have acceptable attitude toward vitamin intake?* 11th national congress on Nutrition. 2010, Shiraz university of medical sciences, Shiraz: Iran.
- **Eybpoosh S (Presenter)**, Yavari P. *Tehranian adolescent girls' self-efficacy about vitamin intake*. 11th national congress on Nutrition. 2010, Shiraz university of medical sciences, Shiraz: Iran

EDUCATIONAL ACTIVITIES

Teaching Academic Courses

Year	Course title	Students	Creds	Role	Institute
Since 2020	Ethics in Medical Research	PhD (Biotechnology)	2	Co-instructor	PII
Since 2018	Bioinformatics	PhD (Biotechnology)	2	Co-instructor	PII
Since 2016	Biostatistics & Epidemiology	PhD (Biotechnology)	2	Co-instructor	PII
Since 2013	Molecular epidemiology	PhD (Bacteriology)	2	Co-instructor	PII
Since 2013	Research Methods	PhD (Bacteriology)	2	Co-instructor	PII
2013 - 2014	Molecular epidemiology	PhD (Molecular Medicine)	2	Co-instructor	GUMS
2013	Molecular epidemiology	PhD (Bacteriology)	2	Co-instructor	KUMS
2012	Molecular epidemiology	PhD (Epidemiology)	2	Co-instructor	KUMS
2012	Research Methods	PhD (Bacteriology)	2	Co-instructor	KUMS
2012	Research Methods	PhD (Traditional medicine)	2	Instructor	KUMS
2011 - 2013	Principals of Epidemiology	MSc (Virology)	2	Instructor	KUMS
2011 - 2013	Principals of Epidemiology	BSc (Nursing)	2	Instructor	KUMS
2012	Biostatistics	MSc (Toxicology)	2	Co-instructor	KUMS
2011	Principals of Epidemiology	BSc (Nursing)	2	Instructor	BUMS

Creds: Course Credits, **PII:** Pasteur Institute of Iran; **GUMS:** Golestan University of Medical Sciences; **KUMS:** Kerman University of Medical Sciences; **BUMS:** Bam University of Medical Sciences

Field Instructions

Performing community health field visits nursing students in Primary Health Care (PHC) centers in Tehran 17th zone. In: Tehran Medical University. **2008 - 2009**

Mentoring community health internship of nursing students in Primary Health Care (PHC) centers in Tehran 17th zone. In: Tehran Medical University. **2008 - 2009**

Workshop/CME instruction

- 2023 National workshop on ‘**Hepatitis C treatment: Focus on HIV-HCV Co-infection**’, Prison Organization, Iran.
- 2022 Workshop on “**Research Methods**”, Pasteur Institute of Iran
- 2021 National workshop on “**Statistics & Research in Neuroscience**”, Neuropsychiatry Committee of IPA & EHIA School of Cognitive Neuroscience
- 2020 National workshop on ‘**Hepatitis C treatment: Focus on HIV-HCV Co-infection**’, Prison Organization, Iran.
- 2019 National Webinar on ‘**Molecular Epidemiology of Infectious diseases**’, SAPHIR network, Iran.
- 2019 Workshop on ‘**Scientific writing**’, Pasteur institute of Iran, Tehran, Iran
- 2019 National workshop on ‘**Outbreak investigation and control**’, 9th Iranian congress on Epidemiology, held in Shahid Beheshti Medical University, Tehran, Iran.
- 2018 ‘**Field Epidemiology and Applied Biostatistics**’, Course on Epidemiology and Biostatistics held in Artesh University of Medical Sciences, Iran.
- 2018 National workshop on ‘**Molecular Epidemiology of Infectious diseases**’, Ferdowsi University of Mashhad, Iran.
- 2017 International Workshop on “**Iranian German Summer School on Field Epidemiology**”. Pasteur Institute of Iran (Iran) & University Medical Center Hamburg-Eppendorf (Germany)
- 2017 National workshop on ‘**Epidemiology & Biostatistics**’, Pasteur Institute of Iran & Artesh University of Medical Sciences
- 2017 Course on Epidemiology and Biostatistics: ‘**Antimicrobial Resistance**’, Artesh University of Medical Sciences, Iran.
- 2017 Course on Epidemiology and Biostatistics: ‘**Questionnaire Design**’, Artesh University of Medical Sciences, Iran.
- 2017 National workshop on ‘**Molecular Phylogeny**’, Kerman Medical University, Iran.
- 2017 ‘**Bioinformatics**’, Research Centre for modeling in health, Kerman University of Medical Sciences, Iran.
- 2016 ‘**Scientific writing**’, Pasteur institute of Iran, Tehran, Iran
- 2014 ‘**Research Methods**’, 2014 Research methods summer course for dentists, oral health research Centre, Kerman University of Medical Sciences, Kerman, Iran
- 2013 ‘**Advanced workshop for systematic review and meta-analysis**’, Research Centre for modeling in health, Kerman University of Medical Sciences, Kerman, Iran
- 2013 ‘**Evidence based medicine**’, Medical Council of Iran, Kerman Branch, Kerman, Iran.
- 2012 ‘**Scientific writing**’, Pasteur institute of Iran, Tehran, Iran
- 2011 ‘**Scientific writing**’, 2011 Summer course for research methods and epidemiology, Pasteur institute of Iran, Tehran, Iran
- 2011 ‘**Scientific writing**’, Physiology research Centre, Kerman University of Medical Sciences, Kerman, Iran

THESIS SUPERVISION

Current Students

- 2021 Present** - Mehdi Safarpour
PhD (Epidemiology)
Co-Supervisor
Thesis: Safety of the Soberana-02 Vaccine in participants of the Phase 3 COVID-19 Vaccine Trial in Babol, Iran
Funding: Iran University of Medical Sciences
- 2020 Present** - Hossein Mirzaei
PhD (Epidemiology)
Co-Supervisor
Thesis: Identification of HIV Transmission Clusters in Kerman Using Phylodynamic Methods
Funding: Kerman University of Medical Sciences
- 2020-2022** Leila Mounesan
PhD (Epidemiology)
Co-Supervisor
Thesis: The spatio-temporal trends of the COVID-19 in Iran
Funding: Pasteur Institute of Iran Studentship
- 2019-2020** Mahsa Hajjalili
PharmD
Co-supervisor
Thesis: Association between serum C-reactive protein and treatment response in patients with depressive disorder receiving regimens with citalopram, bupropion, sertraline, and combination of citalopram and bupropion
Primary supervisor: Mohammad Arbabi
Funding: Tehran Medical University studentship

Graduated Students

- 2019-2021** Nima Ghalekhani
PhD (Epidemiology)
Co-supervisor
Thesis: Phylogeography of influenza H1N1 virus in Iran
Primary supervisor: Saeid Bokayee
Funding: Tehran University studentship
- 2016 – 2021** Mehdi Alikhani
PhD (Medical Microbiology)
Co-supervisor
Thesis: Variations in the mitochondrial DNA copy number of circulating mononuclear cells, as a biomarker for early detection of gastric cancer and its association with Helicobacter pylori Infection
Primary supervisor: Marjan Mohammadi
Funding: Pasteur Institute of Iran Studentship
- 2019-2021** Zahra Jafari
MSc (Epidemiology)
Primary supervisor
Thesis: Barriers and facilitators of providing/receiving HIV-TB prevention, care, and treatment services in selected VCTs of Iran
Funding: KMU studentship
- 2019-2021** Mohaddeseh Tohidi
Residency (Psychiatry)
Co-supervisor
Thesis: Diagnostic evaluation of patients with epileptic and non-epileptic seizures using descriptive interview analysis
Primary supervisor: Mohammad Arbabi
Funding: Tehran Medical University studentship
- 2019-2020** Neda Masjedi
Residency (Psychiatry)
Co-supervisor
Thesis: Investigating the pathway of care for patients with functional neurological disorders in Roozbeh Psychiatric Hospital during 2019-2020.
Primary supervisor: Mohammad Arbabi
Funding: Tehran Medical University studentship
- 2018 – 2020** Niloufar Jafarpour
MD
Primary supervisor
Thesis: Prevalence of Medically unexplained symptoms in Iran
Funding: Tehran Medical University studentship
- 2018 – 2019** Sara Hashempour
Fellowship (Psychiatry)
Co-supervisor
Thesis: Systematic review and meta-analysis of the prevalence of Functional Neurological Disorders
Primary supervisor: Mohammad Arbabi
Funding: Tehran Medical University studentship
- 2017 - 2018** Zohreh Habibi

DVM
Primary supervisor
Thesis: Molecular epidemiology of *Leishmania* in Kerman, Iran.
Funding: Shahid Bahonar University of Kerman Studentship

2016 - 2018 Elham Ziayee
Residency (Psychiatry)
Co-supervisor
Thesis: Prevalence of delirium in inpatients of Imam Khomeini Hospital.
Primary supervisor: Mohammad Arbabi
Funding: Tehran Medical University studentship

2015 - 2017 Ghazaleh Haji Molla Rabi
Residency (Psychiatry)
Co-supervisor
Thesis: Prevalence and patterns of substance abuse in among inpatients of Imam Khomeini Hospital during 2014-2015. Thesis of residency in Psychiatry
Primary supervisor: Mohammad Arbabi
Funding: Tehran Medical University studentship

2015 - 2017 Tahereh Mohammadi
Residency (Psychiatry)
Co-supervisor
Thesis: Association of psychiatric disorders with opioid use among inpatients of Imam Khomeini Hospital
Primary supervisor: Mohammad Arbabi
Funding: Tehran Medical University studentship

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

2018 - present	Vice-Chancellor of Research, HIV/STI Surveillance Research Center, and WHO Collaborating Center for HIV Surveillance, Institute for Futures Studies in Health, Kerman Medical University, Kerman, Iran.
2019 - 2021	Director, Virtual education development in Pasteur Institute of Iran, Tehran, Iran
2018 - 2020	Member of the Strategic Council, National Network on Emerging and Reemerging Infectious Diseases, Iran (Elected)
2018 - 2020	Board of Directorates, SAPHIR Network (Elected)
2018 - 2020	Research Officer, SAPHIR Network

Roles as Consultant

2020-2021	Provision of Consultaion to WHO for the COVID-19 Clinical Management in Iran
2020 - 2020	Provision of Consultaion to Iran's Centre for Disease Control and Prevention (CDC) for the COVID-19 Outbreak Source in Iran.
2018 - 2020	Consultant, Joint United Nations Programme on HIV/AIDS (UNAIDS)
2019 - 2020	Consultant, United Nations Development Programme (UNDP)
2018 - 2020	Consultant, AIDS office of the Centre for Disease Control and Prevention (CDC), Iran's Ministry of Health

Membership in Scientific Committees/Organizations

2021 - 2022	Member of the adverse vaccine reaction evaluation committee, Phase III RCT of COVID-19 vaccine Efficacy, Pasteur Institute of Iran, Iran
2021 - 2022	Member of the Data Safety and Monitoring Board (DSMB), Phase III RCT of COVID-19 vaccine Efficacy, Pasteur Institute of Iran, Iran
2022 - 2022	Member of the Data Safety and Monitoring Board (DSMB), Phase II RCT of COVID-19 Booster Dose Safety and Immunogenicity, Pasteur Institute of Iran, Iran
2020 - 2021	Member of the Observatory Group on the COVID-19 Control Program of D-8 Countries
2020 - 2021	Member of the National COVID-19 Epidemiology Committee, Ministry of Health, Iran
2020 - 2021	Head of the COVID-19 situation analysis of Iran, National COVID-19 Epidemiology Committee, Ministry of Health, Iran
2020 - 2020	Member of the COVID-19 International Modelling Consortium
2019 - 2021	Member of the Rapid Response Team of emerging Infectious Diseases, Pasteur Institute of Iran, Tehran, Iran

2019 - present	Member of the National Committee on Epidemiological Surveillance of HIV-STI, Iran's Ministry of Health, Tehran, Iran
2018 – 2019	Clinical Research Committee, Pasteur Institute of Iran, Tehran, Iran
2018 - 2021	Fellow at the SAPHIR Network
2018 - 2020	Iran National Committee on Antimicrobial Resistance, Centers for Disease Control and Prevention (CDC), Ministry of Health, Tehran, Iran
2018	Iranian Epidemiological Association, Iran
2017 - present	Research committee, HIV/STI Surveillance Research Center, and WHO Collaborating Center for HIV Surveillance, Institute for Futures Studies in Health, Kerman Medical University, Kerman, Iran
2017 – 2018	Clinical Research Center, Afzalipoor Hospital, Kerman, Iran
2017 - present	Students Research Committee, Pasteur Institute of Iran, Tehran, Iran
2016 - present	Research Centre for Emerging and Re-emerging Infectious Diseases, Pasteur institute of Iran, Tehran, Iran. Position: Faculty Member
2011 - present	HIV/STI Surveillance Research Center, and WHO Collaborating Center for HIV Surveillance, Institute for Futures Studies in Health, Kerman Medical University, Kerman, Iran
2011 – 2015	Research Centre for Modeling in Health, Kerman Medical University, Kerman, Iran

Conference/Workshop Organization/Session Chair

2020	Organizer and Scientific and Executive manager of the National workshop on Hepatitis C treatment in Prison Organization, Iran.
2019	Member of the scientific board (Molecular and genetic epidemiology panel), 9 th Iranian Epidemiology Conference, Shahid Beheshti Medical University, Tehran, Iran. October 22-24, 2019.
2018	Organizer and Executive Secretary, National Meeting on 'Antimicrobial Resistance'. Pasteur Institute of Iran, Tehran, Iran. March 2018.
2018	Member of the scientific committee. National Meeting on 'Antimicrobial Resistance'. Pasteur Institute of Iran, Tehran, Iran. March 2018.

Advisory Committee/Review Groups

2019 - 2021	Pasteur Institute of Iran (member of the advisory committee for the election of PhD students)
2018	Pasteur Institute of Iran (member of the election board of Top Students)
2018	Pasteur Institute of Iran (member of the advisory committee for the election of PhD students)
2018	Pasteur Institute of Iran (member of the advisory committee for the election of PhD students)
2017	Research committee of Pasteur Institute of Iran (ad hoc grant reviewer)
2017	Department of Epidemiology and Biostatistics, Kerman Medical University, Kerman, Iran (ad hoc grant reviewer)
2013 - 2014	Clinical Research Center, Afzalipour General Hospital, Kerman, Iran; advisor for 'research methodology and biostatistics.'

EDITORIAL ACTIVITIES

Editorial Board Appointment

2017 – Present	Editorial Board Member, Journal of Medical Microbiology and Infectious diseases (JoMMID)
2019 – Present	Section Editor (Biostatistics and Epidemiology), Journal of Medical Microbiology and Infectious diseases (JoMMID).

Journal Peer Review Activity

Ad hoc reviewer for:

- The Lancet
- Plos One
- Hepatitis Monthly
- Electronic Physician
- Journal of Infection and Public Health
- Medical Journal of the Islamic Republic of Iran
- Journal of Health and Development
- Iranian Journal of Research in Medical Sciences
- Iranian Biomedical Journal
- Iranian Journal of Public Health
- Iranian Journal of Epidemiology
- Epidemiology and health
- Journal of Medical Microbiology and Infectious diseases