

Curriculum Vitae

Name: Sana Eybpoosh

Degree: Ph.D

Major: Epidemiology

Birth date: 1984/08/08

Marital Status: Married

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Education

2011-2016 - Doctor of Philosophy (Ph.D) in Epidemiology, Kerman University of Medical Sciences, Kerman, Iran

2007-2010 - Master of Science (MSc) in Public health nursing, Tehran University of Medical Sciences, Tehran, Iran

Positions

2016- Present – Assistant Professor, Department of epidemiology and biostatistics, Pasteur Institute of Iran, Tehran, Iran

2016 – Present – Faculty Member, Researcher Research Centre for Emerging and Re-emerging Infectious Diseases, Pasteur institute of Iran, Tehran, Iran

2011 – Present – Project manager, WHO Collaborating Centre for HIV/AIDS Surveillance, Kerman University of Medical Sciences, Kerman, Iran

2011 – 2015 – Research associate, Research Centre for Modeling in Health, Kerman University of Medical Sciences, Kerman, Iran

2013 – 2014 – Statistical and methodological advisor, Clinical Research Center, Afzalipour General Hospital, Kerman, Iran

Area of Expertise

- Molecular epidemiology of viral infections
- Phylodynamics, phylogenetics, and phylogeography of viruses
- Disease Modeling
- Epidemiological virology

Awards

2016: IZAMA Young scientist award, 10th international Addiction science congress, 2016, Tehran, Iran

2011: Young scientist award, 10th World congress of biological Psychiatry. 2011, Prague, Czech Republic

2016: Top graduated student in Kerman University of Medical Sciences, Kerman, Iran

2014: Top young researcher in Kerman University of Medical Sciences, Kerman, Iran

2014: Outstanding student in Kerman University of Medical Sciences, Kerman, Iran

2010: Top graduated student in Tehran University of Medical Sciences, Tehran, Iran

Teaching experience

1) Teaching of academic courses

- **2013 – Present:** “Molecular epidemiology” to PhD students of Bacteriology, Molecular Medicine, Epidemiology, and master students of virology
- **2012 – Present:** “Research Methods” to PhD students of Bacteriology and traditional medicine
- **2011 – Present:** “epidemiology” to Master students of virology and bachelor students of nursing
- **2012:** “biostatistics” to master students of

2) Teaching in the workshops

- **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, 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

Publications

1) Book Chapters

- **2014: Eybpoosh S.** Nosocomial Infections. In Yavari P. (Ed.), *Epidemiology Textbook of Prevalent diseases in Iran (Volume 1: Communicable diseases)*, Tehran, Iran: Gap press, pp. 117-132.
- **2014:** Haghdoost AA, Sadeghirad B, **Eybpoosh S.** *Textbook of systematic review and meta-analysis.* Tehran: Gap press.

6- Selected Journal Articles

- **Eybpoosh S,** Bahrampour A, Karamouzian M, Azadmanesh K, Jahanbakhsh F, Mostafavi E, Haghdoost AA, Zolala F. *Spatio-temporal History of HIV-1 CRF35_AD in Afghanistan and Iran.* PLoS ONE. PLoS ONE, 2016; 11 (6): e0156499. doi:10.1371/journal.pone.0156499

- **Eybpoosh S**, Bahrapour A, Azadmanesh K, Mostafavi E, Haghdoost AA, Zolala F. *Spatio-temporal dynamics of HIV-1 subtype B and Circulating Recombinant Form 01_AE clades in Iran: a phylogeographic approach*. Iran Red Crescent Med J. Published online 2016, August 8. e34609.
- **Eybpoosh S**, Azadmanesh K. *A note on evolutionary rate estimation in Bayesian evolutionary analysis*. Comment on: Phylodynamic Profile of HIV-1 Subtype B, CRF01_AE and the Recently Emerging CRF51_01B among Men Who Have Sex with Men (MSM) in Singapore. PLoS ONE. 2013, 2; 8(12): e80884.
- **Eybpoosh S**, Bahrapour A, Azadmanesh K, Mostafavi E, Haghdoost AA, Zolala F. *Molecular epidemiology of infectious disease*. Electon Physic. In press.
- Jahanbakhsh F, **Eybpoosh S**, Mostafavi E, Gouya M, Haghdoost A, Azadmanesh K. *The Emerging Face of the HIV Epidemic in Afghanistan, Iran, and Pakistan*. Japan J Infect Dis. Under review
- Saberi S, Schmidt A, **Eybpoosh S**, Esmaili M, Talebkhan Y, Mohajerani N, Oghalaie A, Eshagh Hosseini M, Mohagheghi MA, Bugaytova J, Borén T, Mohammadi M. *Helicobacter pylori Strains from Duodenal Ulcer Patients Exhibit Mixed babA/B Genotypes with Low Levels of BabA Adhesin and Lewis b Binding*. Dig Dis Sci. 2016; 61(10): 2868-77.
- Talebkhan Y, **Eybpoosh S**, Salarieh N, Esmaili M, Saberi S, Oghalaie A, et al. *Accelerating Rate Of P16 Gene Hypermethylation From Normal To Tumoral Gastric Tissue*. Helicobacter, 2015; 20 (S1): 107
- 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(S1): 112
- **Eybpoosh S**, Talebkhan Y, Saberi S, Esmaili M, Oghalaie A, Ebrahimzadeh F, et al. *Age-Specific Gastric Cancer Risk Indicated by the Combination of Helicobacter pylori Sero-Status and Serum Pepsinogen Levels*. Iran Biomed J, 2015; 19 (3): 133-142.

Conference presentation/proceeding

- **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.
- 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.
- **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.
- 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
- 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 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 University of Medical Sciences, Tehran, Iran.

- **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

Recent Research Projects

2017 – 2019: Study of CCHF, Plague, Bartonellosis and Borreliosis in the MATI region. Submitted for a grant from international network of Pasteur institutes, (**Supporting Investigator**).

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.* Supported by Pasteur institute of Iran and National Institute for Medical Research Development, (**Supporting Investigator**).

2016 – Present: *Spatiotemporal and Population Dynamics of Crimean Congo Hemorrhagic Fever in Afghan and Iranian populations living in Southeast of Iran.* Supported by CDC office in Iran's ministry of Health, (**Principal Investigator**).

2012-2016: *Spatiotemporal and Population Dynamics of HIV-1 CRF35_AD and Subtype B in Iran.* Supported by Pasteur Institute of Iran, and Kerman University of Medical Sciences, (**Principal Investigator**)

Attended courses/ workshops

- **2016:** "WHO Meeting on outbreak investigation", Research Centre for Gastroenterology and liver diseases, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **2014:** "Genetic epidemiology", Karolinska institute of Sweden & Cancer Institute of Iran, Tehran, Iran
- **2012:** "Bioinformatics", Iranian Molecular Medicine Network, Pasteur Institute of Iran, Tehran, Iran
- **2012, 2013, 2014:** "Infectious disease modeling", Kerman University of Medical Sciences, Kerman, Iran
- **2013:** "Advanced Systematic Reviews and Meta-analysis Methods", Kerman University of Medical Sciences, Tehran, Iran

- **2007:** “Advanced Systematic Review and Meta-analysis Methods”, Tehran University of Medical Sciences, Tehran, Iran
- **2009:** “Scientific Writing”, Tehran University of Medical Sciences, Tehran, Iran
- **2011, and 2012:** “Advanced Scientific Writing”, Kerman University of Medical Sciences, Tehran, Iran

Languages

- Persian (Native)
- Azeri (Native)
- English (Fluent)
- Turkish (Fluent)
- French (Beginner)
- Arabic (Not advanced)

Hobbies

Traveling, Reading, Cooking, Painting, Doing graphic and artworks