

FARZANEH SABAHI
Associate Professor of Virology

I. PERSONAL INFORMATION:

Name: FARZANEH SABAHI
Date of Birth: 1963
Place of Birth: Shiraz, Iran
Gender: Female
Marital Status: Married, 2 children
Address: Tarbiat Modares University, Faculty of Basic Medical Sciences, Department of Virology,
P.O.Box: 14115-331, Tehran, Iran
Tel: 82883880,
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E-mail: Sabahi_f@modares.ac.ir, sabahi_f@yahoo.com

II. EDUCATIONAL RECORDS:

Degree	Institution	Field	Date
High School	Mehr Aeen High School,	Third Place in the Province of Fars Natural Sciences	1980
B.Sc	State University of New York	at Buffalo, Sum Cum Laude Medical Technology	1986
Ph.D.	Rutgers, the State University of New Jersey and University of Medicine and Dentistry of New Jersey	Microbiology with specialty in Virology and Immunology	1992

III. PROFESSIONAL AND ACADEMIC/SCIENTIFIC EXPERIENCES:

- *1986-1992 Research Assistant, University of Medicine and Dentistry of New Jersey (UMDNJ)
- *1992-1994 Research Associate I, Division of Pediatrics Allergy, Immunology and Infectious Diseases, Center for management of HIV and AIDS, UMDNJ
- *1992-1997 Supervisor, Viral Diagnostic Laboratory, University Medical Laboratories, UMDNJ
- *1994-1997 Faculty member, Division of Pediatrics Allergy, Immunology and Infectious Diseases, University of Medicine and Dentistry of New Jersey
- *1998-Present Faculty member, Department of Virology, Tarbiat Modares University, Tehran, Iran
- *2000-2005 Research consultant, Biotechnology Research Center, Pasteur Institute of Iran, Tehran, Iran
- *2002-2009 Director, Department of Medical Virology, Tarbiat Modares University
- *March 2011 Deputy of Research, School of Medical Sciences, Tarbiat Modares University

IV. Honors:

- *Honored to be an Official Member of the Iranian Board of Virology, Iranian Ministry of Health and Higher Education, 2004-present
- *Distinguished Professor, May 2006, Tarbiat Modares University
- *Distinguished Director, Faculty of Medical Sciences, Tarbiat Modares University, June 2007
- *Distinguished Researcher, July 2007 (Acknowledgement letters from 2000 onwards)

V. RESEARCH INTERESTS:

- Development and Application of Rapid Molecular Diagnostic Techniques for Viral Infections (HIV, HBV, HCV, HDV, HCMV, HSV)
- Diagnosis of Mutations Leading to Drug Resistance in HCV and HBV Infected Patients
- Viral-Host interaction and pathogenesis
- Viral Immunology and Immunopathology
- Vaccine Immunology
- The Use of Nanotechnology and Biotechnology to Combat Virus-related Diseases

VI. COURSES TAUGHT:

*Systematic Virology (I) & (II) (Advanced virology courses for MS students); Reference: Field's Virology

*Systematic Virology (II) (Advanced virology course for PhD students); Reference: Field's Virology and of relevant articles for each family of viruses discussed

*Advanced Virology (A 4 credit course for PhD students); Reference: Flint Virology and discussion of relevant specialized articles for each topic

*Specific Topics in Virology (Topics involved HIV, Hepatitis viruses and role of Cytomegalovirus in post-transplantation infections), PhD students; Reference: The most recent review articles and books published

*Immunology and Immunopathogenesis of Viral Infection, PhD students; References: 1) The Effects of Microbes on the Immune System and 2) Viral Pathogenesis, as well as the most relevant articles

*Immunology II, M.SC students, Reference: Cellular and molecular virology (Abul-Abbas) and relevant articles

*General Virology (An introductory course for MS students); reference: Fenner and White Medical Virology and Cann's Principles of Molecular Virology

*Specific Topics in Virology (Topics included tumorigenic viruses and role of viruses in CNS infections), MS students, Reference: The most recent articles published

*Seminars in Virology (An advance course for PhD students), topics included the most recent extensive articles in various important topics of virology

*Practical Virology

VII. RESEARCH PROJECT LEADER:

1) Polymerase Chain Reaction (PCR) for Rapid and Sensitive Diagnosis of Herpes Simplex-1 (HSV-1) in Keratitis and other Clinically Diagnosed Ocular Infections, June 2001-June 2003, Tarbiat Modarres University, Ministry of Research, Education and Technology (Project leader: Farzaneh Sabahi)

2) Immunity Induced against Measles Virus by AIK-C Vaccine (RAZI) Compared with that of Schwarz Vaccine (France) following Vaccination of 9 Months Old Infants in Ilam, November

2001-September 2004, Ministry of Health. (Collaboration of TMU Virology Dept. and Ilam Medical School), (Project leaders: Farzaneh Sabahi, Dr Abdi and Farid Azizi Jalilian)

3) Development and Use of In-House Quantitative PCR-ELISA in Order to Quantitate Human Cytomegalovirus (HCMV) and Monitoring Treatment in Bone Marrow Transplant Recipients, January 2003-2006, Alborzi Research Center, Shiraz, Ministry of Health (collaboration of TMU Virology Department, Alborzi Research Center and Bone Marrow Transplant Unit in Namazi Hospital, Shiraz), (project leaders: Dr A. Alborzi and Farzaneh Sabahi)

4) Development and Use of In-House Quantitative Real-time PCR in Order to Quantitate Viral Load and Genotype of hepatitis C virus (HCV) and Monitoring Treatment in HCV-Positive Patients, June 2004-2007, Collaboration of TMU Virology Department and The Center for Gastroenteritis and Liver Diseases, Shariatii Hospital, Tehran, (project leaders: Dr S. Merat and Farzaneh Sabahi)

5) Viral determinants of resistance to treatment in patients with Hepatitis C treated with IFN and Ribavirin, 2004-2008, Collaboration of TMU Virology Department and The Center for Gastroenteritis and Liver Diseases, Shariatii Hospital, Tehran, (project leaders: Dr S. Merat and Farzaneh Sabahi)

6) Comparison of PCR-ELISA and Real-time PCR for Quantitation of HIV Viral Load in HIV Infected Patients, February 2004-2008, TMU HIV and Hepatitis Laboratory, Virology Department, the Center for HIV and AIDS, Khomeini Hospital, Tehran and Biotechnology Department of Pasteur Institute of Iran, Tehran, (project leaders: Farzaneh Sabahi and Dr M. Haji-abdolbaghi)

7) Assessment of drug resistant mutations in polymerase, core and precore regions of HBV positive individuals, September 2005-2009, Collaboration of TMU Virology Department and The Center for Liver and Gastrointestinal Diseases, Shahid Beheshti University, Tehran (project leaders: Dr M.R. Zali and Farzaneh Sabahi)

8) Generation of Dendritic cell vaccine containing Adeno vector expressing Core gene from mice bone marrow and its evaluation as HCV therapeutic vaccine candidate, January 2006-Present, Collaboration of TMU Virology Department and the Center for Liver and Gastrointestinal Diseases, Shiraz University of Medical Sciences, and Department of Genetics of Tehran University (Project leaders: Dr M.Saberi-Firouzi and Farzaneh Sabahi)

9) Designing of a novel strategy for Influenza H1N1 prime boost vaccine using virosome nanoparticles carrying M1 and NP genes of Influenza: Evaluation of its immunogenicity in mouse model, 2009-Present, Collaboration of TMU Virology Department and Influenza Unit of Pasteur Institute of Iran (Projects leaders: Farzaneh Sabahi and Dr Masoume Tavasoti Kheiri)

10) Construction of an Adeno vector expressing partial NS3 gene as a vaccine candidate, 2010-2011 (Project leader: Farzaneh Sabahi)

Collaborator in the followings Research Projects:

*Development and Use of In-House Qualitative HIV PCR (Biotechnology Research Center, Pasteur Institute of Iran), 2002-2004

*Assessment of Humoral and Cellular Immunity Produced by HBV DNA vaccine produced in Iran (Biotechnology Research Center, Pasteur Institute of Iran), 2000-2002.

*Construction of expression vector containing immunogenic regions of HIV-1 gp41 and p24 proteins and assessment of its immunogenicity as a vaccine candidate HIV DNA vaccine (collaboration of TMU Virology Department and Biotechnology Research Center, Pasteur Institute of Iran), 2004-2009.

VIII. JOURNAL PAPERS:

1. Abbas Jamali, Farzaneh Sabahi, Taravat Bamdad, Hamidreza Hashemi, Fereidoun Mahboudi, and Masume Tavasoti Kheiri. A DNA Vaccine-Encoded Nucleoprotein of Influenza Virus Fails To Induce Cellular Immune Responses in a Diabetic Mouse Model. *Clin Vaccine Immunol.* 2010 Apr; 17(4):683-7
2. Shahzamani K, Merat S, Rezvan H, Mirab-Samiee S, Khademi H, Malekzadeh R, Sabahi F. Development of a low-cost real-time reverse transcriptase-polymerase chain reaction technique for the detection and quantitation of hepatitis C viral load. *Clin Chem Lab Med.* 2010 Mar 11.
3. Amini-Bavil-Olyaei S, Herbers U, Mohebbi SR, Sabahi F, Zali MR, Luedde T, Trautwein C, Tacke F. Prevalence, viral replication efficiency and antiviral drug susceptibility of rtQ215 polymerase mutations within the hepatitis B virus genome. *J Hepatol.* 2009 Oct; 51(4):647-54.
4. Ziyaeyan M, Sabahi F, Alborzi A, Ramzi M, Mahboudi F, Pourabbas B, Kadivar M. Quantitation of human cytomegalovirus DNA by a new capture hybrid polymerase chain reaction enzyme-linked immunosorbent assay in plasma and peripheral blood mononuclear cells of bone marrow transplant recipients. *Exp Clin Transplant.* 2008 Dec; 6(4):294-300.
5. Jamali A, Mahdavi M, Hassan ZM, Sabahi F, Farsani MJ, Bamdad T, Soleimanjahi H, Motazakker M, Shahabi S. A novel adjuvant, the general opioid antagonist naloxone, elicits a robust cellular immune response for a DNA vaccine. *Int Immunol.* 2009 Mar; 21(3):217-25.
6. Mohebbi SR, Amini Bavil Olyaei S., Zali N., Derakhshan F., Sabahi F., Zali MR.. *Hepatitis Monthly* 2009; 9(1 (22)):73-75 (in English).
7. Ziyaeyan M., Sabahi F. Human Cytomegalovirus: Infections and Diagnosis. *Iranian Journal of Medical Sciences.* 2008; 33(3):127-132 (in English).
8. Roudbaril F., Sabahi F., Sar bolouki M.N., Barkhordari F., Mahdavi M, Adeli A., Mahboudi F. Immune response analysis of immunized BALB/C mice with HIV-1 fusion p24 - gP41 genes as DNA vaccine candidate. *Modares Journal of Medical Sciences* 2008; 10(3-4):31-40.
9. Mohebbi SR, Amini-Bavil-Olyaei S, Zali N, Noorinayer B, Derakhshan F, Chiani M, Rostami Nejad M, Antikchi MH, Sabahi F, Zali MR. Molecular epidemiology of hepatitis B in Iran. *Clin Microbiol Infect.* 2008 Sep; 14(9):858-66
10. Honardoost M, Sabahi F, Amini Bavil Olyae S, Behzadian F, Merat Sh, Malekzadeh R, Shahzamani K. Interferon Resistance of Hepatitis C virus genotypes 1A/B: Relationship to structural E2 gene quasispecies mutations. *Iranian Journal of Biotechnology* 2008; 6(1):36-44 (in English).
11. Jamehdar SA, Sabahi F, Zandi K, Shafiee A, Zadeh SF, Jalilian FA. Antigen-specific lymphocyte proliferation assay and virus neutralization test for measurement of measles-specific immunity in 15-19 years old high school students in Tehran, Iran. *Pak J Biol Sci.* 2007 Nov 15;

10(22):4144-7.

12. Mohebbi SR, Ravanshad M, Sabahi F, Mahboudi F. Developing ELISA assay to detect HIV p24 antigenemia. *Daneshvar Medicine* 2007, 65-72 (abstract in English).

13. Yaraee R, Ebtekar M, Ahmadiani A, Sabahi F, Ghazanfari T. The effect of substance P on nitric oxide production by HSV-1 infected macrophages. *2007 International Immunopharmacology*, 7: 135-9.

14. Amel Jamedar S, Sabahi F, Forouzandeh M, Haji Abdolbaghi M, Kazemnejad A, Mahboudi F. Evaluation of a new, highly sensitive and specific primer set for reverse-transcriptase PCR detection of HIV-1 infected patients: Comparison with standard primers. *Journal of Biological Sciences* 2007, 7(6): 954-958.

15. Amini-Bavil-Olyaei S, Hosseini SY, Sabahi F, Alavian SM. Hepatitis B virus (HBV) genotype and YMDD motif mutation profile among patients infected with HBV and untreated with lamivudine. *Int J Infect Dis.* 2008 Jan; 12(1):83-7.

16. Amel Jamedar S., Sabahi F, Forouzandeh M, Haji-Abdolbaghi M, kazemnejad A, Edalt R, Rasoulinezhad M, Barkhordari F, Mahboudi F. Application of SYBR-Green Real Time RT-PCR quantification of human immunodeficiency virus type-1 (HIV-1) and comparison with Cobas Amplicor Test. *Modares Journal of Medical Sciences Summer* 2007; 10(2):43-50(abstract in English).

17. Arefian E, Bamdad T, Soleimanjahi H, Sabahi F, Akhoond MR, Parsania M, Ghaemi A. Evaluation of gamma-interferon kinetics in HSV-1 infected mice in different days post infection (in vivo) and post re-stimulation (in vitro). *2006, Comparative immunology microbiology and infectious diseases* 2007, 30: 1-9.

18. Douzandeh M, Ravanshad M, Rasouli M, Sabahi F, Alborzi AAV. Development of visual DNA chip to detect human immunodeficiency virus type 1 infection. *Modares Journal of Medical Sciences* 2007; 10(1):9-16(abstract in English).

19. Jamali A, Mahdavi M, Shahabi S, Hassan ZM, Sabahi F, Javan M, Farsani MJ, Parsania M, Bamdad T. Naloxone, an opioid receptor antagonist, enhances induction of protective immunity against HSV-1 infection in BALB/c mice. *Microbial Pathogenesis*, Nov-Dec; 43(5-6):217-23. Epub 2007 Jul 31.

20. Shahzamani K, Sabahi F, Merat Sh, Rezvan H, Mirab Samiei S, Karimi Arzanani M, Naghizadeh R. The use of a sensitive RT-nested PCR method for detection of hepatitis C virus. *Journal of Medical Sciences Summer* 2007; 10(2):35-41(abstract in English).

21. Behzadian F, Sabahi F, Sadeghizadeh M, Maghsoudi N, Fotouhi Chahooki F, Karimi M. In vitro replication of hepatitis delta virus using a new construct containing a cDNA dimmer of HDV genome. *Intervirology* (in press)

22. Amini-Bavil-Olyaei S, Hosseini SY, Sabahi F, Alavian SM. Hepatitis B virus (HBV) genotype and YMDD motif mutation profile among patients infected with HBV and untreated with lamivudine. *Int J Infect Dis.* (In press)

23. Hosseini SY, Sabahi F, Amini-Bavil-Olyaei S, Alavian SM, Merat S. A novel accurate

ACRS-PCR method with a digestion internal control for identification of wild type and YMDD mutants of hepatitis B virus strains. *J. Virological Methods*, 2006, 137: 298-303

24. Ramin Sarrami-Forooshani, Suman Ranjan Das, Farzaneh Sabahi, Ahmad Adeli, Rezvan Esmaeili, Britta Wahren, Minoo Mohraz, Mahboubeh Haji-Abdolbaghi, Mehrnaz Rasoolinejad, Shahid Jameel, and Fereidoun Mahboudi. Molecular analysis and phylogenetic characterization of HIV in Iran. *J Med Virol*. May 2006; 78(7): 853-863.

25. Shahinsaz L, Sabahi F, Karimi M, Behzadian F, Alavian SM, Zand V. Detection and genotyping of hepatitis D virus from HBsAg positive patients in Iran using RT-PCR, *Iranian Journal of Biotechnology*, 2006.

26. Gharavi S, Sadeghizadeh M, Hosseinkhani S, Sabahi F. A study of varicella zoster virus glycoprotein C regulatory region response to viral activators in vitro. 2006, *Journal of Basic Sciences*.

27. Ebtekar M, Yaraee M, Ahmadiani A, Sabahi F. Kinetics of nitric oxide production and MTT reduction by HSV-1 infected macrophages. 2006, *Iranian J Medical Sciences*, 31: 9-13.

28. Ravanshad M, Mahboudi F, Sabahi F., Kazemnejad A. Densitometric Analysis of Dot Blot Assays for Human Immunodeficiency Virus Type-1 & 2 Antibodies. 2006, *Saudi Medical Journal*, 27(3): 421-2.

29. Amini-Bavil-Olyae S, Alavian SM, Adeli A, Sarrami-Forooshani R, Sabahi F, Mahboudi F. Hepatitis B virus genotyping, core promoter, and precore/core mutations among Afghan patients infected with hepatitis B. 2006, *J Medical Virology*, 78: 358-64.

30. Ravanshad M, Roustai MH, Mostafae A, Sabahi F, Ziyaeyan M, A rapid modified antibody-capture ELISA for detection HSV-1 primary infection in human, 2006, *Shiraz E Medical Journal*, 7(2): 1-5.

31. Doozandeh J, Ravanshad M, Amell S, Sabahi F. Development of RT-nested PCR for detection of HIV-1, 2006, *Khoon*, Winter 2006, 309-15 (abstract in English)

32. Ahmadipour MH, Keivani H, Sabahi F, Alavian SM, Determination of HCV genotypes in Iran by PCR-RFLP, 2006, *Iranian J Public Health*, 35(4): 54-61.

33. Behzadian F., Sabahi F., Karimi M., Shahinsaz L. Sadeghizadeh M., Maghsoodi, Sarrami Forooshani R. Molecular Phylogenetic Analysis of Iranian HDV Complete genome. 2005, *Virus Genes*, 30(3): 383-393.

34. Ziyaeyan M, Sabahi F, Alborzi A, Mahboudi F, Karimi M, Ramzi M, Abbasian A. Development of a sensitive quantitative competitive PCR assay for detection of Human Cytomegalovirus DNA. 2005, *Iranian Biomedical Journal*, 9(4):187-91.

35. Ziyaeyan M, Sabahi F, Alborzi A, Mahboudi F, Karimi M, Ramzi M, Abbasian A. Diagnosis and monitoring of human cytomegalovirus infection in bone marrow transplant recipients by quantitative competitive PCR. *Experimental and Clinical Transplantation*, 2006; 4(1): 470-474.

36. Yaraee R, Ebtekar M, Ahmadiani A, Sabahi F. Effect of neuropeptides (SP and CGRP) on antigen presentation by macrophages. *Immunopharmacology Immunotoxicol*, 2005;27(3):395-404
37. Amini-Bavil-Olyae S, Sabahi F, Firouzan A, Roustai MH, Karimi Arzenani M, Sarrami-Forooshani R, Adeli A, Mahboudi F. Pre-symptomatic Human Cytomegalovirus Disease diagnosis in renal transplant recipients by the virus DNA PCR. 2005, *Iranian Journal of Public Health*, 34(3): 43-51.
38. Yaghoobi R., Behzad Behbahani A., Sabahi F., Roustai MH. Comparative Analysis for Double Primer PCR Assay with Plasma and Leukocytes and Antigenemia for Diagnosis of Active Human HCMV Infection. 2005. *Bone Marrow Transplantation*, 1: 1-5.
39. Behzad-behbahani A., Yaghoobi R., Sabahi F., Roustai MH. Improvement in isolation of human peripheral blood leukocyte subpopulations: Application in diagnosing human cytomegalovirus infection in bone marrow transplant patients, *Experimental and Clinical Transplantation*, 1: 316-19, 2005.
40. Amini-Bavil-Olyae S., Sarrami Forooshani R., Sabahi, F., Mahboudi F., Adeli A., Norrinayer B., Azizi M., Zali MR. Genotype Characterization and Phylogenetic Analysis of Hepatitis B Virus Isolates among Iranian Patients. 2005. *J. Medical Virology*, 75: 227-34.
41. Amini-Bavil-Olyae S, Sarrami Forooshani R., Azizi M, Adeli A, Sabahi F., Zali MR. Mahboudi F. Novel accurate amplification created restriction site method for detection of both the wild type and the precore mutant hepatitis B virus variants. 2005. *Journal of Virological Methods*, 127:19-23.
42. Amini-Bavil-Olyae S, Sarrami Forooshani R, Sabahi F, Adeli A, Zali MR. and Mahboudi F. Complete genome sequence and phylogenetic relatedness of hepatitis B virus isolates, *Journal of Medical Virology* 2005, 76: 318-26.
43. Ravanshad M., Sabahi F., Mahboudi F., Roosatee MH, Sarrami Forooshani R., Kazemnejad A. An Accurate Confirmation of Human Immunodeficiency Types 1 (HIV-1) and 2 (HIV-2) Infections with a Dot Blot Assay Using Recombinant P24, gp 41, gp120, gp36 Antigens. *International Journal of Medical Sciences* 2004; 1: 193-200.
44. M. Khodabandeh Loo, F. Sabahi, H. Soleimanjahi, A. Kazemnejad, MH. Roustai. Seroprevalence of Neutralizing Antibodies to Measles Virus in a Vaccinated Population in Iran. *European J. Epidemiology* 2003;18:1085-1089.
45. AH.Zarnani, SH. Modarres, F. Jadali, F. Sabahi, SM Moazzeni, F. Vazirian. Role of Rotaviruses in Children with Acute Diarrhea in Tehran, Iran. *J. Clinical Virology* 2003; 1-6.
46. R. Yaraee, M. Ebtekar, A. Ahmadiani, F. Sabahi. Neuropeptides (SP and CGRP) Augment Pro-inflammatory Cytokine Production in HSV-Infected Macrophages. *International Immunopharmacology* 2003; 3:1883-7.
47. Yaghoobi R., Behzad Behbahani A., Sabahi F., Roustai MH, Alborzi A. Optimization of Separation Methods for Mononuclear and Polynuclear Cells from Blood for Diagnosis of HCMV in Bone Marrow Transplant Recipients. 2003, *Teb Jonoub (South Iranian Medical Journal, in Persian)*.

48. R. Yaraee, M. Ebtekar, A. Ahmadiani, F. Sabahi. Neuropeptides (SP and CGRP) Augment IL-1 Beta Production in HSV-Infected Macrophage. Iranian Journal of Asthma, Allergy and Immunology 2003; 2(2): 95-100.
49. F. Roudbari, MH Roustai, A. Mostafaie, H. Soleimanjahi, R. Sarrami Forooshani and F. Sabahi. Development of ELISA for Immunoglobulin M Antibodies against Measles Virus. 2003, Clinical Diagnostic Laboratory Immunology 2003; Vol.10 (3): 439-442.
50. F. Fotohi, MH Roustai, H. Soleimanjahi, M. Malekaneh, F. Sabahi. Application of Dot Immunoassay for Detection and Titration of Measles Virus Antibodies. Medical Journal of Islamic Republic of Iran 2002; 15(1): 31-36
51. H. Sadari, MH Roustai, F. Sabahi, M. Sadeghizadeh, P. Owlia, JC DeJong. Incidence of Enteric Adenovirus Gastroenteritis in Iranian Children. J. Clinical Virology 2002; 24: 1-5.
52. H. Sadari, MH Roustai, F. Sabahi. Antibodies to Enteric Adenoviruses (40&41) in sera from Iranian Children. 2000. J. Clinical Virology 2000; 16: 145-147.
53. F. Sabahi, O'Connell, M. Rola-Pleszczynski, L.D. Frenkel. Qualitative and Quantitative Analysis of T Lymphocytes in Normal Human Pregnancy. American Journal Reproductive Immunology and Microbiology 1995; 33:381-392

IX. BOOKS

*Ziayee S., Sabahi F., Roustai MH. 2000. "Viral Infections in Pregnancy", 2000, Published by Tarbiat Modarres University Press. Written in Persian

X. LIST OF PAPERS PRESENTED IN CONGRESSES AND SEMINARS

About 100 poster and presentations have been presented in national and international meetings including ECCMID, American Society for Virology, International Society of Infectious Diseases, American Society for Immunology, International Society for Immunology, Hematology and Oncology International Congress, Liver Conference, etc.....

Farzaneh Sabahi. "Genotypes and Subtypes of HBV in Iran", a speech presented at the Iranian Congress of Medical Laboratory Science, 2009

Farzaneh Sabahi. "Basic Virology and Immunopathogenesis of HCV", a speech presented at the Iranian Liver Conference, 2008

Farzaneh Sabahi. "The problems and pitfalls in viral diagnostic laboratory", a speech presented at the Iranian Microbiology Conference, 2007

.

Farzaneh Sabahi. "The importance of HIV-1 Genotyping", a speech presented at Iranian Blood

Bank Organization, August 2006

Farzaneh Sabahi. "Human Immunodeficiency Virus", a speech presents on the 2005 Worlds AIDS Day, the Center for Asthma, Allergy and Immunology, Tehran, Iran

Farzaneh Sabahi. "Cell-mediated immunity to Human Cytomegalovirus in Pregnancy", a speech presented in the one-day meeting of Iranian Society for Virology, 2004

Farzaneh Sabahi. "HIV Genotyping among Iranian HIV Positives", a speech presented at the monthly meeting of the Iranian Society for Virology, 2003

XI. MEMBERSHIP OF SCIENTIFIC SOCIETIES/BOARDS:

1986-1997 Board-Certified, Certified Member of American Society of Clinical Pathologists (MT, ASCP)

1990-1997: American Association of Immunologists

1992-1996: Pan American Group for Rapid Viral Diagnosis

1992-1999: American association for advancement of Science

1999-Present: Iranian Society for Immunology

1998-Present: Iranian Society for Virology

2001-Present: Iranian Society for Biotechnology

1999-present: Certified Member of the Iran Medical Laboratory Organization "Nezam Pezeshki"

2005-present: Honored to be Full-Member, American Society for Virology

XII. REFEREE FOR JOURNAL ARTICLES SUBMITTED TO:

Medical Journal of the Islamic Republic of Iran

Medical Journal of Modares

Basic Science Journal of the Islamic Republic of Iran

Archives of Razi

Journal of Hakim

Journal of Allergy, asthma and immunology

Iranian Biomedical Journal

Journal of Daneshvar

Iranian Journal of Biotechnology

Journal of Immunology

Journal of Virological Methods

XIII. RESEARCH STUDENTS SUPERVISED:

MSc:

- 1- Hossein Niazmand (1998-2000)
- 2- Mazaher Khodabandeh Loo (1999-2001)
- 3- Rosita Edalat (1999-2001)
- 4- Mohammad Ali Khodadoost (2000-2002)
- 5- Samad Amini Babil Olyaei (2000-2002)
- 6- Saeed Amell Jamedar (2001- 2003)
- 7- Farid Azizi Jalilian (2001-2003)
- 8- Leila Shahinsaz (2002-2004)
- 9- Seyed Reza Mohebbi (2003-2005)
- 10- Tayebeh Hashempour (2003-2005)
- 11- Maryam Honardoost (2003-2005)
- 12- Seyed Younes Hosseini (2004- 2005)
- 13- Neda Yahoo (2006-2009)
- 14- Seyed Hossein Moosavi Fard (2006-2009)
- 15-Seyed Davood Mousavinasab (2009-present)
- 16- Behnaz Forouhar (2010-present)
- 17- Mohammad Jabbari (2010-present)

Ph.D.:

- 1- Dr Mehrdad Ravanshad (2001-2005)
- 2- Dr Farida Behzadian (2001-2005)
- 3- Dr Mazyar Ziyaeyan (2001- 2005)
- 4- Dr Saeed Amell Jamedar (2004-2008)

- 5- Dr Kiana Shahzamani (2004-2008)
- 6- Dr Abbas Jamali (2005-2010)
- 7- Dr Seyed Reza Mohebbi (2005-2010)
- 8- Dr Seyed Younes Hosseini (2005-2011)
- 9- Mohammad Shenagari (2007-present)
- 10- Hessam Mirshahabi (2008-present)
- 11- Zahra Khanlari (2010-present)
- 12- Mostafa Ghaderi (2010-present)

XIV. RESEARCH STUDENTS CO -SUPERVISED:

- MSc:

- 1- Mehrdad Ravanshad (1998-2000)
- 2- Fatemeh Roudbari (1998-2000)
- 3- Kiana Shahzamani (1998-2000)
- 4- Mehrab Nejati (1999-2001)
- 5- Fariba Ghadyani (1999-2001)
- 6- Ramin Sarrami Forooshani (2000-2002)
- 7- Nasrin Rastgoo (2001-2003)
- 8- Azita Farivar (2002-2004)
- 9- Malek Hossein Ahmadipour (2002-2004)
- 10- Sara Zahedi Hamedani (2002-2004)
- 11- Haleh Razaati (2002-2004)
- 12- Ehsan Arefian (2003-2005)
- 13- Javad Doozandeh (2004-2006)
- 14- Shadi Khodamoradi (2010-present)

- Ph.D.:

- 1- Dr Horieh Saderi, PhD in Microbiology, graduated in 2001
- 2- Dr Roya Yaraee, PhD in Immunology, graduated in 2003
- 3- Dr Ramin Yaghoobi, PhD in virology, graduated in 2004
- 4- Dr Sara Gharavi, PhD in Molecular Genetics, graduated in 2007
- 5- Dr Fatemeh Roudbari, PhD in Virology, graduated in 2009

XVI. Others

- 1- Elected Member of the Chair Committee, The First Period of Establishment of the Iranian Society for Virology, 2000-2002
- 2- Executive Chair of the First Iranian Congress on Virology, February 2002
- 3- Member of the Board of Supervision and Appraisal of Scientific groups, Faculty of Medical Sciences, TMU, Fall 2001-present
- 4- Member of Scientific committee, Dept.of Immunology, TMU, Fall 2002-2004
- 5- Member of Scientific Committee, Dept of Biotechnology, TMU, Fall 2001-2008

