

CURRICULUM VITAE

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Education:

1998-2004 Ph.D. in Virology, Tarbiat Modarres University, Tehran, Iran.

1995-1997 M.Sc. in Virology, Tarbiat Modarres University, Tehran, Iran.

1991-1995 B.Sc. in Microbiology, Esfahan University, Esfahan, Iran.

Work experiences:

2010-present Associate Prof.,School of Medical sciences, Tarbiat Modarres University, Tehran, Iran

2004-2010 Assistant Prof.,School of Medical sciences, Tarbiat Modarres University, Tehran, Iran

2001- 2002 Adjunct researcher at Biotechnology Research Centre, Maleke Ashtar University, Tehran, Iran

1998-2004 Teaching assistant, Systematic Virology (for M.Sc. students in Virology), Tarbiat Modarres University, Tehran, Iran.

1999-2000 Instructor, Medical Virology (for medical students), School of Medicine Fatemeh University, Qum, Iran.

Research Experiences:

2003 Genetic engineering of vesicular stomatitis virus to enhance host anti-tumor response and study on different ways for enhancement the oncolytic activity of VSV and Reovirus, Ottawa Regional Cancer Centre, Ottawa, Canada.

2001-2002 Study on virus preservation and purification methods for establishment of viral culture collection in Iran, Biotechnology Research Centre, Maleke Ashtar university, Tehran, Iran.

1999-2003 Ph.D. project which concerned construction of expression vectors containing different epitopes of gB of HSV-1 and evaluation of their efficacy as DNA vaccine comparing with full-length of gB.

1996-2000 Serologic tests for detection of viral antibodies, Tarbiat Modarres University.

1995-1997 M.Sc.thesis which concerned adaptation and application of dot immunoassay (DIA) to detect and measure rubella virus antibody in human sera, in comparison with that of hemagglutination inhibition test.

Professional Activities:

1999 -present Member of Iranian Society of Virology

Graduate students supervised:

2003-2005 Arefian A, M.Sc, Evaluation of interferon gamma production in vaccinated experimental mouse by gD expression vector of HSV-1 and its recombinant protein.

2004-2006 Bannazadeh H, M.Sc, Construction of an eukaryotic expression vector containing vhs gene of HSV-2 and its expression in eukaryotic cells.

2004-2006 Kermanian M, M.Sc, Direct detection of mumps and entrovirus infections in csf by RT-PCR and after enrichment of samples on cell culture.

2005-2007 Dorostkar R, M.Sc, The effect of supernatant of necrotic cells on enhancement of DNA vaccine potency.

2005-2007 Pouriayevali MH, Immunization effect of a plasmid encoding vp22 and immunodominant epitope of gB gene of HSV-1.

2007-2009 Pouyanfar S, M.Sc.The effect of timing of light expression plasmid administration on immune responses induced by HSV-1 gB DNA vaccine.

2007-2009 Mohammadi M, M.Sc,influence of light expression plasmid in kinetic of primary and memory CTL responses induced by HSV-1 DNA vaccine.

2007-2009 Hashemi H, M.Sc, Evaluation of immune responses against HSV-1 using filamentous phage vector.

2006-2010 Hashempour T, PhD, Determination of the effect of hepatitis C virus F and core proteins on regulatory T cells increase in chronic HCV patients in Vitro.

2008-2010 Ajoorloo M, M.Sc, Total IgG anti-F serum prevalence in HCV-1a and HCV-1b infected patients and the correlation between anti-F antibody and development of HCV cirrhosis

Graduate students co-supervised:

- 2007-2010 Jamali A, PhD student
2005-2008 Parsania M, PhD student.
2004-2006 Jazayeri M, M.Sc. student.
2004-2006 Mirshahabi H, M.Sc. student.
2003-2005 Jamali A, M.Sc. student.
2003-2005 Ghaemi A, M.Sc. student.
2002-2004 Zahedi S., M.Sc. student.
2000-2002 Sabet L., M.Sc. student.
1998-2000 Ghadiani F., M.Sc. student.

Publications:

- 1- Roohandeh M, Bamdad T. Inactivation of herpes simplex virus type 1 & adenovirus type 5 by direct electric current at a biocompatible level in vitro. *Clin Lab.* 2011;57(7-8):489-95.
- 2- Gorgian Mohammady M, Bamdad T, Parsania M, Soleimanjahi H, Pouyanfard S, Hashemi H, Asghari-Jafarabadi M. Effect of LIGHT adjuvant on kinetics of T-cell responses induced by HSV-1 DNA immunization. *Iran J Immunol.* 2011;8(2):76-84. (ISI).
- 3- Pouriayevali MH, Bamdad T, Parsania M, Sari RD. Full length antigen priming enhances the CTL epitope-based DNA vaccine efficacy. *Cell Immunol.* 268 :4–8, 2011 (ISI).
- 4- Hashempoor T, Ajoorloo M, Bamdad T, Merat S. Development of a recombinant based ELISA for specific antibodies to F protein in HCV chronically infected patients-a seroprevalence study. *Iran J Virol.* 4(1): 1-6, 2010.
- 5- Hashempoor T, Bamdad T, Merat S, Janzamin E, Nemati L, Jabbari H, Sharifi AH, Zamini H. Expansion of CD4+CD25+FoxP3+ regulatory T cells in chronic Hepatitis C virus infection. *Iran J Immunol.* 7(3):177-85, 2010 (ISI).
- 6- Esmaeili F, Bamdad T, Ghasemi S. Stable suppression of gene expression by short interfering RNAs targeted to promoter in a mouse embryonal carcinoma stem cell line. *In Vitro Cell Dev Biol Anim.* 46(10):834-40, 2010 (ISI).
- 7- Hashempoor T, Bamdad T, Merat S, Sahraneshin Samani F, Bagheri K, Mahdavi M, Ajoorloo M; In vitro expansion of antigen-specific natural regulatory T cells in hepatitis C virus infection mediated by Core antigen. *Modares Journal of Medical Sciences: Pathobiology* 13(3): 83-94, 2010.
- 8- Jamali A, Sabahi F, Bamdad T, Hashemi H, Mahboudi F, Kheiri MT. A DNA vaccine-encoded nucleoprotein of influenza virus fails to induce cellular immune responses in a diabetic mouse model. *Clin Vaccine Immunol.* 2010;17(4):683-7 (ISI).
- 9- Jamali A, Sabahi F, Bamdad T, Hashemi H, Mahboudi F, Kheiri MT Evaluation of intramuscular versus intra-dermal inoculation of bacterial plasmid encoding nucleoprotein of influenza virus. *Modares Journal of Medical Sciences: Pathobiology* 13(1): 17-23. 2010.
- 10- Pouyanfard S, Bamdad T, Parsania M, Hashemi H, Mohammadi MG. Impact of timing strategy of LIGHT, a new TNF superfamily on immune platform induced by HSV-1 gB DNA vaccine. *Cytokine.* 50(1):99-103, 2010 (ISI).

- 11- Parsania M, Bamdad T, Hassan ZM, Kheirandish M, Pouriayevali MH, Sari RD, Jamali A. [Evaluation of apoptotic and anti-apoptotic genes on efficacy of DNA vaccine encoding glycoprotein B of Herpes Simplex Virus type 1](#). Immunol Lett. 128(2):137-142, 2010.(ISI)
- 12- Hashemi H, Bamdad T, Jamali A, Pouyanfard S, Mohammadi MG. [Evaluation of humoral and cellular immune responses against HSV-1 using genetic immunization by filamentous phage particles: A comparative approach to conventional DNA vaccine](#). J Virol Methods, 163: 440–444, 2010 (ISI).
- 13- Bannazadeh-Baghi H., Bamdad T., Soleimanjahi H, Kermanian M.Coxsackievirus B3 protease 3C induces cell death in eukaryotic cells. Iranian Journal of Virology; 3 (1), 2009.
- 14- Meshkat Z, Soleimanjahi H, Roostaee MH, Bamdad T, Meshkat M. Detection of herpes simplex virus antibodies using the whole virus and recombinant gD. Iranian Journal of Virology; 3 (1), 2009.
- 15- Bannazadeh Baghi H, Bamdad T, Soleimanjahi H. [The effect of herpes simplex virus virion host shutoff gene- a new suicide gene- on tumor cells](#). Iran Biomed J. Jul;13(3):185-9, 2009, (ISI).
- 16- Arefian E, Bamdad T, Soleimanjahi H, Akhoond MR, Parsania M, ghaemi A, [A kinetic study of gamma interferon production in herpes simplex virus-1 DNA prime-protein boost regimen comparing to DNA or subunit vaccination](#). Cell Mol Biol, 43(3): 388-393, 2009 (ISI).
- 17- 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, 21(3):217-25, 2009 (ISI).
- 18- Gorgian Mohammadi M, Bamdad T, Parsania M, Hashemi HR, Puyanfard S. [Kinetics of primary and memory cytotoxic T lymphocyte responses to herpes simplex virus 1 infection: granzyme B mediated CTL activity](#). Iran J Immunol. 6(1):22-7, 2009.
- 19- Mojadadi S, Jamali A, Khansarinejad B, Soleimanjahi H, Bamdad T. [Acute morphine administration reduces cell-mediated immunity and induces reactivation of latent herpes simplex virus type 1 in BALB/c mice](#). Cell Mol Immunol, 6(2):111-6, 2009 (ISI).
- 20- Parsania M, Hassan ZM, Bamdad T, Kheirandish M, Pouriayevali MH, Dorostkar R, Sarbolouki MN, Jamali A, Mahdavi M, Pro-apoptotic gene enhances the immunogenicity of glycoprotein B gene of herpes simplex virus-1, Gene Ther Mol Biol, 12:7-14,2008(ISI).
- 21- Parsania M, Hassan ZM, Bamdad T, Kheirandish M, Pouriayevali MH, Dorostkar R, Sarbolouki MN, Jamali A, Mahdavi M, The effect of Bax on enhancement of gB DNA vaccine of HSV-1. Yakhteh, 10 (2):93-100, 2008. (ISI) .
- 22- Kermanian M, Soleimanjahi H, Arefian E, Bamdad T, [Enrichment of cerebrospinal fluid samples on cell culture for enhancement of sensitivity of mumps and enterovirus detection by multiplex RT-PCR](#), Diag. Microbiol Inf Dis, 60(4):375-9, 2008 (ISI).
- 23- Jazayery M, Soleimanjahi H, Fotuhi F, Bamdad T, Jamali A, Evaluation of cross immune response in DNA based vaccinated mice against HSV-1 and HSV-2. Gen Ther Mol Biol, 11: 263-268, 2007 (ISI).
- 24- Kermanian M, Bamdad T, Soleimanjahi H, Samiei SH, Simultaneous detection of mumps and entrovirus in CSF samples suspected to meningitis. Daneshvar, 76:75-80 (Farsi).
- 25- Ghaemi A, Farshbaf MM, Soleimanjahi H, Omidbeigi R, Bamdad T, Hekmatpoor D, Hamidi K, Evaluation of effect of root extract from tegetes against HSV-1,2. J Arak University of Med Sci, 47-53, 2007.
- 26- Abbas Jamali, Taravat Bamdad,Hoorieh Soleimanjahi, Firouz Ghaderi Pakdel, Ehsan Arefian, [Acute morphine administration reduces white blood cells' capability to induce innate resistance against HSV-1 infection in BALB/c mice](#). Neuroimmunomodulation, 14(1):16-23, 2007 (ISI).

- 27- 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*. *Microp Pathog.* 43(5-6):217-23, 2007 (ISI).
- 28- Soleimanjahi H, Fotouhi F, Bamdad T, Evaluation of antibodies against rubella virus in a mass campaining vaccination in Tehran, Iran. *Iranian Journal of virology*, 1(1):18-21, 2007.
- 29- Bamdad T, Roostaee MH, Sadeghizadeh M, Mahboudi F, Kazemnejad A, Soleimanjahi H. The effect of glycoprotein B DNA immunization on HSV-1 lethal infection of BALB/c mice. *Iranian Journal of virology*, 1(2): 6-10, 2007.
- 30- Ghaemi A, Soleimanjahi H, Bamdad T, Soudi S, Arefian E, HAshemi SM, Ebtekar M, *Induction of humoral and cellular immunity against latent HSV-1 infections by DNA immunization in BALB/c mice*. *CIMID*, 30:197-210, 2007 (ISI).
- 31- Bamdad T, Bell J. *Intercellular trafficking of VP22, a herpes simplex virus type 1 tegument protein*. *Iranian Biomedical Journal*, 11(1): 53-57, 2007 (ISI).
- 32- Abbas Jamali, Mohammad H. Roostaee, Hoorieh Soleimanjahi, Firouz Ghaderi Pakdel and Taravat Bamdad, *DNA vaccine-encoded glycoprotein B of HSV-1 fails to protect chronic morphine-treated mice against HSV-1 challenge*. *Comparative Immunology, Microbiology and Infectious Diseases*, Volume 30, Issue 2, Pages 71-80, 2007 (ISI).
- 33- Ehsan Arefian, Travat Bamdad, Hoorieh Soleimanjahi, Farzaneh Sabahi, Mohamad Reza Akhoond, Masoud Parsania and Amir Ghaemi, *Evaluation of gamma-interferon kinetics in HSV-1 infected mice in different days post infection (in vivo) and post re-stimulation (in vitro)*. *Comparative Immunology, Microbiology and Infectious Diseases*, Volume 30, Issue 1, January 2007, Pages 1-9 (ISI).
- 34- Ghaemi A, Soleimanjahi H, Bamdad T, Roostaei MH, Arefian E, PCR detection of thymidine kinase gene of latent herpes simplex virus type 1 in mice trigeminal ganglia. *Archive of Razi Institute*. 61(3): 137-141, 2006.
- 35- Bamdad T, Roostaee MH, Sadeghizadeh M, Kazemnejad A, Mahboudi F, Soleimanjahi H. *Immunogenicity and protective effect of a DNA construct encoding certain neutralizing epitopes of herpes simplex virus type-1 glycoprotein B*. *Folia Biol (Praha)*. 2005;51(4):109-13 (ISI).
- 36- Soleimanjahi H., Bamdad T, Footouhi F, Roostaee MH, Faghizadeh S. *Prevalence of HI antibody titer against rubella virus to determine the effect of mass vaccination in Tehran*. *J Clin Virol*. 2005 Oct;34(2):153-4 (ISI).
- 37- Soleimanjahi H., Roostaee M.H., Rassaei M.J., Mahboodi F., Kazemnejad A, Bamdad T. *The effect of DNA priming-protein boosting on enhancing humoral immunity and protecting mice against lethal HSV infections*. *FEMS Immunol Med Microbiol*. 2006 Feb;46(1):100-6 (ISI).
- 38- Astani A., Roostaee M.H., Soleimanjahi H., Mamishi F., Bamdad T., Kazemnejad A. *Isolation of parainfluenza virus from patients suffering from respiratory illness* *Modarres Journal of Medical Sciences*, 7(2): 1-9, 2005.
- 39- Bamdad T, Roustai M, Sadeghizadeh M, Mahboodi F, Construction of an expressionvector containing HSV-1 gB gene to express in mammalian cell lines, *Modarres Journal of Medical Sciences*. 7 (1): 13-21, 2004
- 40- Pishraft Sabet L, Roostaee MH, Zandi K, Bamdad T, Restriction enzyme analysis of thymidine kinase gene in four iranian isolates of herpes simplex virus type 1 *Archives of Razi Institute*, 56: 1-10, 2003.
- 41- Soleimanjahi H., Roostaee M.H., Rassaei M.J., Mahboodi F., Bamdad T. *Immunogenicity and Efficacy of Baculovirus Derived Glycoproteind D of Herpes Simplex Virus Type 1 in Mice*. *Arch. Razi*, 55: 19-28, 2003.
- 42- Bamdad T, Roustai M, H, Solimandjahi H, Malekaneh M., Application and aptation of dot immunoassay to detect and measure rubella virus antibody, *Medical of Islamic Republic of Iran*. 15(3):171-174, 2001.

Abstracts:

- 1- Ghaemi A., Soleimanjahi H, Bamdad T, Roostaie MH ,Arefian E. Evaluation of herpes simplex virus latency after vaccination with vector containing gD gene of HSV-1. The 4th national biotechnology congress of Islamic republic of Iran. 15-17 Aug., 2005 Kerman, Iran.
- 2- Nazari M, Mirshahi M, Mowla J, Bamdad T, Designing a DNA vaccine construct to produce polyclonal antibodies against CatSper: potential application as a non-hormonal contraceptive.13th Iranian biology congress, 8-10 Aug., 2005, Guilan, Iran.
- 3- Bannazadeh H, Bamdad T, Hosseini Y, Najavand S. Herpes therapy for cancer. The 3th regional conference of Asian Pacific organization for cancer prevention, 25-27 April, 2005, Rash, Iran.
- 4- Jamali A., Roostaie MH.,Bamdad T.,Soleimanjahi H.,"Innate immunityagainst systematic infection of HSV-1 in acute morphine treated mice." 1st international congress on immunodeficiency disorders., 2005,Tehan,Iran.
- 5- Jamali A.,Mahdavi M.,Mohebi R., Roostaie MH.,Bamdad T.,Soleimanjahi H.," Effect of acute morphin treatment on invivo ability of NK cells to induce protection against HSV-1 in immunosuppressive mice.." 1st international congress on immunodeficiency disorders. 2005,Tehran, Iran.
- 6-Jamali A., Roostaie MH.,Bamdad T.,Soleimanjahi H, Ghaderi F., DNA vaccination fails to induce protective immunity against HSV-1 in chronic morphine treated mice. 1st international congress on immunodeficiency disorders. 2005,Tehan,Iran.
- 7-Ghaemi A., Jamali A., Soleimanjahi H, Roostaie MH.,Bamdad T., Ghaderi F. , Vaccination with a virulent strain of HSV-1 provides protection against lethal HSV-1 challenge but not from latency in chronic morphine treatment mice. 1st international congress on immunodeficiency disorders. 2005,Tehan,Iran.,,
- 8- Jamali A., Roostaie MH.,Bamdad T.,Soleimanjahi H, Ghaderi F., Protective immunity against HSV-1 generated by DNA vaccination. The 1st Iranian seminar on immunity and infection, 2005, Sari, Iran.
- 9- Arefian E., Bamdad T.,Soleimanjahi H., Sabahi F., Ghaemi A., Mohebbi R., Zahedi S., Evaluation of gamma interfron mRNA synthesizes after mice infection with HSV-1 in different days. The 1st Iranian seminar on immunity and infection 2005, Sari, Iran.
- 10- Ghaemi A.,Soleimanjahi H., Soudi S., Bamdad T., Hashemi M., Arefian E., Immunization with DNA vaccine encoding gD-1 of HSV-1 elicit lymphocyte proliferation response to herpes simplex virus type -1. The 1st Iranian seminar on immunity and infection, 2005,Sari, Iran.
- 11- Jamali A.,Mahdavi M.,Mohebi R., Roostaie MH.,Bamdad T.,SoleimanjahiH., Acute morphine treatment reduces ability of NK cells to induce innate immunity against herpes simplex virus type -1. The 1st Iranian seminar on immunity and infection, 2005,Sari, Iran.
- 12- Jamali A., Roostaie MH.,Bamdad T.,Soleimanjahi H., DNA vaccination fails to induce protective immunity against HSV-1 in chronic morphine treated mice.15th ECCMID, April 2005,Copenhagen,Denmark.
- 13- Ghaemi A., Soleimanjahi H, Bamdad T, Arefian E, Jamalidoust M., Evaluation of herpes simplex virus-1 latency in trigeminal ganglia of ocular and systemic infected mice. 15th ECCMID, April 2005,Copenhagen,Denmark.

- 14- Soleimanjahi H, Bamdad T, Fotouhi F, Roosaee MH, Siadat SD. Seroprevalance of rubella antibodies among young population in Tehran, Iran. 15th ECCMID, April 2005,Copenhagen,Denmark.
- 15-Ghadiani F., Roosaee MH., Bamdad T, Soleimanjahi H, Ghaemi A., comparison of the virus ntralization test (VNT), ELISA and dot immunoassay (DIA) for detection of mumps antibodies. 15th ECCMID, April 2005,Copenhagen,Denmark.
- 16-Bamdad T,Roostaee MH., Sadeghizadeh M, Mahboodi F, Kazemnejad A, Soleimanjahi H. Using of glycoprotein B gene of HSV-1 or some epitopes of that in protection of BALB/c mice against wild virus. 2nd Iranian Congress on Virology, 13-15 Feb, 2004, Tehran, Iran.
- 17-Soleimanjahi H., Roostaee M.H., Rasaee M.J., Mahboodi F, Kazemnejad A., Bamdad T. Enhancement of DNA vaccine potency against HSV-1 using recombinant glycoprotein D. 2nd Iranian Congress on Virology, 13-15 Feb, 2004, Tehran, Iran.
- 18-Pishraft Sabet L, Roostaee MH, Zandi K, Bamdad T, Restriction enzyme analysis of thymidine kinase gene between various isolates of herpes simplex virus type 1 and KOS standard strain. 2nd Iranian Congress on Virology, 13-15 Feb, 2004, Tehran, Iran.
- 19-Astani A, Roustai M. H, Solimandjahi H, Mamishi S, Bamdad T. A survey on presence of parainfluenza type 3 virus in respiratory infections and its isolation. 2nd Iranian Congress on Virology, 13-15 Feb, 2004, Tehran, Iran.
- 20-Meshkat Z, Roostaee MH, Soleimanjahi H, Bamdad T, Detection of anti-HSV1 antibody in patient serum samples by using the virus which purified in sucrose density gradient. 2nd Iranian Congress on Virology, 13-15 Feb, 2004, Tehran, Iran.
- 21- A Jamali, Rostaie MH, T Bamdad, F Ghaderi Pakdel, The effect of morphin on innate protection on systematic herpes simplex virus type 1 in mouse modle. May 4-7 2004, Mashhad, Iran.
- 22- Astani A., Roostaee M.H., Soleimanjahi H., Mamishi F.,Bamdad T. Kazemnejad A., "A survey on presence of Parainfluenza type3virus in respiratory infections in iran and measuring its antibodies.", To be Presented on:12th International Congress of Immunology . 2004,Montral,Canada..
- 23- Soleimanjahi H., Ghaemi A.,Bamdad T., Farshbaf Mogadam M.,Zahedi S. Evaluation antiviral activity of aerial parts extracts of Echinacea purpurea from Iran against HSV-1."To be Presented on: 2nd International Congress on Traditional Medicine & Materia Medica, 2004, Tehran, Iran.
- 24- Ghaemi A., Farshbaf Mogadam M.,Soleimanjahi H., Omidbeigi .,Bamdad T. "Evaluation antiviral activity of root extracts from Tagetes minuta gainst Herpes Simplex Virus Types 1."To be Presented on 3rd Cong. of Health, Enviroment and Natural Products. 2004, Mashhad,Iran.
- 25-Bamdad T,Roostaee MH., Sadeghizadeh M, Mahboodi F., Soleimanjahi H. Nucleic acid vaccine encoding glycoprotein B of HSV-1 can protect mice from HSV-1 challenge. 13th European Congress of Clinical Microbiology and Infectious Diseases, May 2003, Glasgow, UK.
- 26-Bamdad T,Roostaee MH., Sadeghizadeh M, Kazemnejad A., Soleimanjahi H. Comparison of the Ability of DNA Vaccines Expressing Full Length and the Main Neutralizing Epitopes of Glycoprotein B to Protect against Herpes Simplex Virus-1. HUPO 2end Annual & IUBMB XIX World Congress, Oct 2003, Montreal, Canada.
- 27-Roostaee M.H., Soleimanjahi H., Bamdad T., " The Application of Two DNA Vaccines Containing Glycoproteins D and B of Herpes Simplex Virus-1 for Protection of Mice Against the Wild Type Virus. HUPO 2nd Annual & IUBMB XIX World Congress, Oct 2003, Montreal, Canada.

28-Soleimanjahi H., Roostae M.H., Rasaee M.J., Kazemnejad A., Bamdad T. "Prime-boost Immunization with DNA and Recombinant Herpes Simplex Virus Type-1 Glycoprotein D Induced Humoral Immune Response and Protected BALB/c Mice Against Intraperitoneal Challenge." HUPO 2nd Annual & IUBMB XIX World Congress, Oct 2003, Montreal, Canada.

29-Soleimanjahi H., Roustae M.H., Mahboode F., Rassaee M.J., Bamdad T. "Protection of mice against a lethal HSV-1 challenge by Immunization with DNA vaccine " 13th European Congress of Clinical Microbiology and Infectious Diseases, May 2003, Glasgow, UK.

30- Bamdad T, Roostae MH., Sadeghizadeh M, Mahboodi F., Construction of an expression vector containing main neutralizing epitopes of HSV-1 gB and it's expression in mammalian cell lines. ICAR, April 2002, Georgia, USA.

31-Soleimanjahi H., Roostae M.h., Mahboodee F., Rassaee M.J., Bamdad T. Construction of an Expression vector encoding gD of HSV-1 for Detection of the Expressed protein by fluorescent techniques. ICAR, April 2002, Georgia, USA.

32-Sabet L, Zandi K, Roustai M, Bamdad T, Comparison of two methods for DNA extraction of HSV-1 genome, 1st Iranian Congress on Virology, Jan. 2002, Tehran, Iran.

33-Astani A, Roustai M. H, Solimandjahi H, Bamdad T, Kazemnegad A., Titration of PI3 hemagglutinin antibody in sera treated with kaolin or heparin., 1st Iranian Congress on Virology, Jan 2002, Tehran, Iran.

34-Ghadiani F, Roustai M, Bamdad T, Adaptation of ELISA for detection of mumps antibody, 1st Iranian Congress on Virology, Jan. 2002, Tehran, Iran.

35-Bamdad T, Roustai M., Solimandjahi H., Adaptation of dot immunoassay (DIA) for determination of rubella antibody, in comparison with that of hemagglutination inhibition test, 4th Biochemistry Congress, Oct. 19-22, 1997, Babol, Iran.

36- Roodbari F, Sabahi F, Sarbolouki MN, Barkhordari F, Azadmanesh K, Sarrami forroshani R, Bamdad T, Adeli A, Mahboudi F, Clustered epitopes within the Gag -env HIV-1 fusion proteins DNA vaccine enhance immune response in mice. International Journal of Antimicrobial Agents, Volume 29, Supplement 2, March 2007, Page S287.

37-Dorostkar Sari R, Bamdad T, Hassan ZM, Parsania M, Pouriayevali MH, Jamali A, Mahdavi M, The effect of necrotic cells as an innate adjuvant on efficiency of DNA vaccine encoding glycoprotein B of Herpes simples virus type 1. 4th Iranian congress of virology, may 1-3, 2007, Tehran, Iran.

38- Jamali A, Bamdad T, Soleimanjahi H, Arefian E, Acute morphine administration reduces WBCs capability to induce innate resistance against HSV-1 infection in BALB/c mice. 4th Iranian congress of virology, may 1-3, 2007, Tehran, Iran.

39-Parsania M, Hassan ZM, Bamdad T, kheirandish M, Sarbolouki MN, Pouriayevali MH, Dorostkar Sari R, Mahdavi M, Jamali A, The effect of pro-apoptotic Bax protein on efficiency of DNA vaccine encoding glycoprotein B of Herpes simples virus type 1. 4th Iranian congress of virology, may 1-3, 2007, Tehran, Iran.

40-Pouriayevali MH, Bamdad T, Hassan ZM, Parsania M, Dorostkar Sari R, Jamali A, Mahdavi M, Evaluation the immunological effect of DNA vaccine encoding VP22 of Herpes simples virus type 1. 4th Iranian congress of virology, may 1-3, 2007, Tehran, Iran.

41- Hashemi H, Bamdad T, Evaluation of pcDNA3 packaging as phage particles using M13KO7 helper phage. 10th congress Iranian genetics society, May 21-23 2008.

42-Hamidreza Hashemi1, Taravat Bamdad, Abbas Jamali, Somayeh Pouyanfard, Masumeh Gorgian Mohammadi. Immunostimulatory effects of a filamentous bacteriophage as a delivery system for HSV-1 vaccination. 5th Iranian Congress of Virology & 1st Congress of Vaccine Razi Vaccine and Serum Research Institute, Karaj, Iran, May 2-4, 2009.

43-Fazeli M., Soleimanjahi H., Ghaemi A., Bamdad T., Abdoli A. Enhancement of therapeutic DNA Vaccine Potency against Human Papillomavirus 16 tumor by Coadministration of a HPV-16 E7 and L1 genes. 5th Iranian Congress of Virology & 1st Congress of Vaccine Razi Vaccine and Serum Research Institute, Karaj, Iran, May 2-4, 2009.

44-Masumeh Gorgian Mohammadi, Taravat Bamdad, Masoud Parsania, Somayeh Puyanfard, Hamid Reza Hashemi. Kinetic of cytotoxic T lymphocytes response to gB DNA vaccine comparing to Herpes Simplex Virus 1 infection. 5th Iranian Congress of Virology & 1st Congress of Vaccine Razi Vaccine and Serum Research Institute, Karaj, Iran, May 2-4, 2009.

45- Somayeh Pouyanfard1, Taravat Bamdad, Masoud Parsania, Hamidreza Hashemi, Masumeh Gorgian Mohamadi. Enhancement of a DNA vaccine immunogenicity against herpes simplex virus type 1 by co-administration of LIGHT expression plasmid as a genetic adjuvant. 5th Iranian Congress of Virology & 1st Congress of Vaccine Razi Vaccine and Serum Research Institute, Karaj, Iran, May 2-4, 2009.

46-Hashempoor T., Bamdad T., Merat S. , Janzamin E, Nemati L. Increased Hepatitis C virus (HCV)-Specific CD4+CD25+ Regulatory T Cells in HCV Infected Patients. 5th Iranian Congress of Virology & 1st Congress of Vaccine Razi Vaccine and Serum Research Institute, Karaj, Iran, May 2-4, 2009.

47-Ajorloo M., Bamdad T., Merat S. , Hashempour T. Detection of total IgG F Antibody in chronic HCV infected patients. 5th Iranian Congress of Virology & 1st Congress of Vaccine Razi Vaccine and Serum Research Institute, Karaj, Iran, May 2-4, 2009.

48- Marieh Azizi, Mostafa Rezaei-Tavirani, Taravat Bamdad, Majid Roohandeh. Low amperage direct electric current inactivates HSV-1 & AdV-5. 10th Iranian congress of biochemistry and 3rd international congress of biochemistry and molecular biology, Nov 17- 19, Tehran, 2009.

Research Interest:

1- Oncolytic viruses and cancer therapy.

2-Vaccination against viral diseases and study on different ways to improve DNA vaccine efficacy .