

Curriculum vitae

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Masoud Parsania

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Education

- **Tarbiat Modarres University, Tehran / Iran**

Sep 23, 2002 – May 25, 2008: PhD. in Virology.

The effect of apoptosis (BAX) and antiapoptosis (Bcl-X_L) genes on efficiency of DNA vaccine encoding glycoprotein B of herpes simplex virus type 1.

Supervisor: Dr. Zuhair Mohammad Hassan

Advisors: 1- Dr. Taravat Bamdad 2- Dr. M.aryam Kheirandish

- **Iran Medical Sciences University, Tehran / Iran**

1994 – 1997: Master of Science in Virology.

- **Tehran Medical Sciences Branch, Islamic Azad University, Tehran / Iran**

1985 – 1990: BSc in Laboratory Technology.

Experiences

Teaching:

- 2005-Present: Teaching Virology for Medical students of Tehran Medical Sciences Branch, Islamic Azad University.
- 2006-Present: Teaching Virology for Biology students of Tehran Medical Sciences Branch, Islamic Azad University.
- 1997-Present: Teaching Virology for Laboratory Technology students of Tehran Medical Sciences Branch, Islamic Azad University.
- 2012-2018: Teaching Cell Culture for Genetics students (MS Student) of Tehran Medical Sciences Branch, Islamic Azad University.

Research:

- 2020- present: Evaluation of the Relationship between the Single Nucleotide Polymorphisms (SNPs) in(VDR) Vitamin D gene Receptor و (DBP) Vitamin D Binding Protein, Toll-like receptor3, Toll-like receptor7 genes in patients infected with Coronavirus caused COVID-19 in confirmed patients in Iran
- 2012-2014: Executer of research project: Evaluation of Human Metapneumovirus and Respiratory Syncytial Virus Infections Prevalence by Molecular Method in Children with Lower Respiratory Tract Infection hospitalized to Tehran Ali Asghar Hospital During 2010 to 2012
- 2011-2013: Executer of research project: Evaluation of anti-viral effects of five medicinal plant species against of Herpes simplex virus Type 1 on Human cell culture
- 2005-2008: Thesis Research Project: The effect of apoptosis (BAX) and antiapoptosis (Bcl-X_L) genes on efficiency of DNA vaccine encoding glycoprotein B of herpes simplex virus type 1. Tarbiat Modarres University, Tehran, Iran.
- 2006-2009: Research Assistant, The effect of supernatant of necrotic cells as an innate adjuvant on efficiency of DNA vaccine encoding glycoprotein B of Herpes Simplex virus type1. Tarbiat Modarres University, Tehran, Iran.
- 2006-2009: Research Assistant, Evaluation the Immunological Effects of DNA Vaccine Encoding VP22 of Herpes Simplex Virus Type 1. Tarbiat Modarres University, Tehran, Iran.

- 2007-2009: Research Assistant, Enhancement of a DNA vaccine immunogenicity against herpes simplex virus type 1 by co-administration of LIGHT expression plasmid as a genetic adjuvant. Tarbiat Modarres University, Tehran, Iran.
- 2007-2009: Research Assistant, Kinetics of primary and memory cytotoxic T lymphocyte responses to herpes simplex virus 1 infection: granzyme B mediated CTL activity. Tarbiat Modarres University, Tehran, Iran.
- 2005-2007: Research Assistant, Evaluation of g-interferon kinetics in HSV-1 infected mice in different days post infection (in vivo) and post re-stimulation (in vitro). Tarbiat Modarres University, Tehran, Iran.
- 2005-2007: Research Assistant, Naloxone, an opioid receptor antagonist, enhances induction of protective immunity against HSV-1 infection in BALB/c mice. Tarbiat Modarres University, Tehran, Iran.
- 2004-2005: Research Assistant, An efficient method for immortalization of genetics disorders patients lymphocytes by Epstein-Barr virus (EBV). Research Center of (IBTO) Iranian Blood Transfusion organization, Tehran, Iran
- 2002-2003: Research Assistant, Validation of Viral Inactivation Method of Pasteurization on The Albumin 20% Product Manufactured By I.B.R.F.Co . Iranian Blood Research and Fractionation Co, Tehran, Iran.
- 2001-2002: Research Assistant, Evaluation of Anti HBs Antibody levels in serum of workers in Amir- Al-Moemenin General Hospital, Tehran, Iran.

Supervisor of Thesis:

- 2020: Prevalence and phylogenetic analysis of HTLV-1 in Blood donors in Golestan Province and association between Toll-like receptors3 and 7 Single Nucleotide Polymorphism and susceptibility to HTLV-1 infection
- 2020: Association of Single Nucleotide Polymorphisms in Vitamin D Receptor and Vitamin D Binding Protein Genes with Occult hepatitis B Infection in blood donors in Golestan Province
- 2019: Evaluation of alkaloid extract of *Chelidonium majus L.* on expression of E6 of Human papilloma virus and cellular p53 genes on Hela cell line 2019:
- 2019: Evaluation of association between IL-34 single nucleotide polymorphisms (rs34881169&rs38113904) and susceptibility to hepatitis B virus chronic infection
- 2019: Evaluation of alkaloid extract of *Chelidonium majus L.* on expression of E7 of Human papilloma virus and cellular pRB genes on Hela cell line
- 2019: Prevalence of papillomavirus and typing (type 16 and 18) in patients with bacterial vaginosis referred to selected hospitals in Tehran by PCR method
- 2017: Study of Prevalence of High-risk human papillomavirus (HPV) genotypes in Married Women resident in Kermanshah using PCR-Hybridization method from April to December 2017.
- 2017: The study of effects of *Chelidonium majus L.* alkaloidal extract on HeLa cell line including human papilloma virus oncogenes compare to normal cell
- 2016: Quantitative detection of Human Papilloma virus E6 oncogen mRNA by Real time PCR in Tc-1 cell line

- 2016: Quantitative detection of Influenza H1N1 haemagglutinin by Real time PCR to evaluate candidate drugs for influenza
- 2015: Evaluation and comparison of antiviral effects of hexane, chloroform, methanol and Aqueous extracts of *Chelidonium majus* against Herpes Simplex Virus type 1 in Hela cell culture
- 2015: Evaluation and comparing antiviral effects activity of two methanolic and chloformic extracts of *Chelidonium Majus* against Herpes simplex virus type 1(HSV1) by quantitative Real-time PCR in human Hela cell culture
- 2015: Evaluation and comparison of antiviral effects of *Chelidonium majus* hexane and aqueous extracts against Herpes simplex virus type 1 in Hela cell culture by quantitative real-time PCR
- 2015: Evaluation of *Chelidonium majus* L. extract effects against Herpes simplex virus type 1 compared with Acyclovir
- 2014: Evaluation antiviral effects of extracts of *Rosmarinus officinalis* against herpes simplex virus type 1 in cell culture.
- 2013: Evaluation Antiviral effects of extracts of *Satureja* against herpes simplex virus type1 in cell culture
- 2013: Evaluation Antiviral effects of extracts of *Aloe vera* against herpes simplex virus type1 in cell culture
- 2012: Evaluation of anti-viral effects of *Ruta graveolens* L.extract against of Herpes simplex virus Type 1 on Human cell culture.
- 2012: Evaluation of anti-viral effects of *Thymus vulgaris* L. extract against of Herpes simplex virus Type 1 on Human cell culture

- 2011: Follow up of patients with lower respiratory tract infection due to respiratory syncytial virus discharged from Ali-Asghar Hospital from 2009 to 2011
- 2011: 6-month to 3-year follow up of patients with upper respiratory tract infection due to respiratory syncytial virus attending to Ali-Asghar Hospital from 2009 to 2011
- 2011: Evaluation of prevalence of HCV in hemodialysis patients of Rasht's Razi hospital based on serologic and molecular assessment in 1391

Working Experiences:

- 2009 – 2019: Quality Manager, Payvand Medical Laboratory (Private Lab), Tehran, Iran.
- 2016 – Present: Head of Faculty of Paramedicine, Tehran Medical Sciences Branch, Islamic Azad University.
- 2010 – 2014: Head of Faculty of Biology, Tehran Medical Sciences Branch, Islamic Azad University.
- 2009 – 2016: Manager of educational laboratories in Tehran Medical Sciences Branch, Islamic Azad University.
- 1998-2008: Supervisor of Medical Laboratory, Amir-al-Momenin General Hospital of Islamic Azad University, Tehran, Iran.

Skills

- Quality Management in medical laboratory
- Real time PCR
- Cell culture technique and virus isolation and virus titration (by TCID50 assay).
- ELISA technique (Quantitative & Qualitative).

- Transformation of bacteria and plasmid extraction (minipreparation & Maxipreparation).
- CTL assay by Flow Cytometry
- Molecular Techniques, DNA extraction, PCR techniques, agarose & PAGE Electrophoresis.

Publications

1. Prevalence and phylogenetic analysis of HTLV-1 in blood donors in Golestan Province, in the Northeast of Iran. Mehrabi Habibabadi H, **Parsania M**, Pourfathollah AA, Bahrami A, Sharifi Z. J Virol Methods. 2021 Jan 21;290:114073.
2. Argon and Argon-Oxygen Plasma Surface Modification of Gelatin Nanofibers for Tissue Engineering Applications. Mozaffari A, Parvinzadeh Gashti M, Mirjalili M, **Parsania M**. Membranes (Basel). 2021 Jan 2;11(1):31.
3. Hossein Mehrabi Habibabadi, **Masoud Parsania**, Ali Akbar Pourfathollah, Setareh Haghighat, Zohreh Sharifi. Association of TLR3 single nucleotide polymorphisms with susceptibility to HTLV-1 infection in Iranian asymptomatic blood donors 2020 Revista da Sociedade Brasileira de Medicina Tropical, 53: 1-6
4. H Mehrabi Habibabadi, Z Sharifi, **M Parsania**, AA Pourfathollah, Comparison of Western blotting and PCR assays for confirmation of HTLV-1 virus in volunteer blood donors Scientific Journal of Iran Blood Transfus Organ. 2020. 17 (3), 200-209
5. A. Bahrami, Z. Sharifi Dr. , **M. Parsania**, Dr. AA Pourfathollah, S. Haghighat Dr., Prevalence of anti-HBc in HBsAg negative blood donors using two enzyme immunoassays kits. 2020 Scientific Journal of Iran Blood Transfus Organ, 2020 17 (2), 83-90

6. Abolfazl Mozaffari, Mohammad Mirjalili, Mazeyar Parvinzadeh Gashti, **Masoud Parsania**. Effect of tannic acid on properties of electrospun gelatin nanofibers. 2020 Indian Journal of Fibre & Textile Research, 45(2) : 153-163
7. Asma Bahrami, **Masoud Parsania**, Ali Akbar Pourfathollah, Setareh Haghghat, Zohreh Sharifi. Association of VDR (rs2228570, rs731236, rs7975232, rs1544410) and DBP (rs7041) genes polymorphisms with chronicity of hepatitis B in Iranian patients. June 2020 Gene Reports., 19: 100615
8. Mohammad Jalili, Abolfazl Mozaffari, Mazeyar Gashti, **Masoud Parsania** Electrospinning Nanofibers Gelatin scaffolds: Nanoanalysis of properties and optimizing the process for tissue engineering functional. Autumn 2019 J. Nanoanalysis., 6(4): 289-298
9. S Mohammad, G Amin, MH Pouriayevali, **M Parsania**. Comparison of Antiviral Effects of Chelidonium majus L. Hexane and Aqueous Extracts against Herpes Simplex Virus Type 1. 2018 International Journal of Molecular and Clinical Microbiology 8 (2), 993-1000
10. R Haji Mohammad Ali, M Parsania, G Amin. Comparison of Antiviral Effects of Methanol and Hexane Extracts of Chelidonium Majus L. Against Acyclovir Resistant Herpes Simplex Type 1. 2018 Journal of Arak University of Medical Sciences 21 (3), 42-52
11. **Masoud Parsania**, Mohammad-Bagher Rezaee, Seyed Hamidreza Monavari, Kamkar Jaimand , Seyed Milad Mousavi-Jazayeri, Mehdi Razazian, Mohammad Hossein Nadjarha. Antiviral screening of four plant extracts against acyclovir resistant herpes simplex virus type-1. July 2017 Pak. J. Pharm. Sci., Vol.30, No.4(Suppl), , pp.1407-1411

12. M Sadehpour Natanzi, **M Parsania**, M Aminzadeh. Antiviral and virucidal activity of *Chelidonium majus* L. extract compared with Acyclovir against Herpes simplex virus type 1. 2017 *Armaghane danesh* 21 (11), 1056-1068
13. **Masoud Parsania**, Mohammad Bagher Rezaee, Seyed Hamidreza Monavari, Kamkar Jaimand, Seyed Milad Mousavi Jazayeri, Mehdi Razazian, Mohammad Hossein. Evaluation of antiviral effects of sumac (*Rhus coriaria* L.) fruit extract on acyclovir resistant Herpes simplex virus type 1. 2017 *Medical Science Journal of Islamic Azad Univesity-Tehran Medical Branch* 27(1): 1-8
14. Seyed Mohamad javad Taher Mofrad, Mohsen Lotfi, **Masoud Parsania**. Comparision of Vero and New Suspension Cell Line in Propagation of Peste des Petits Ruminants Virus (PPRV). 2016 Sep *Journal of Advanced Agricultural Technologies*. 3(3): 207-212
15. **Masoud Parsania**, Behzad Poopak, Mohammad Hassan Pouriayevali, Sama Haghighi, Aref Amirkhani, Alireza Nateghian. Detection of Human Metapneumovirus and Respiratory Syncytial Virus by Real-Time Polymerase Chain Reaction Among Hospitalized Young Children in Iran. 2016 *Jundishapur J Microbiol.*;9(3):e32974.
16. G Yousefi Kordestani, **M Parsania**. Evaluation antiviral effect of leaf extract of *Rosmarinus officinalis* against Herpes simplex virus type 1 in cell culture. 2015 *Armaghane danesh* 20 (8), 706-719
17. Alireza Nateghian, Sama Haghighi, Behnaz Parvini, Behzad Poopak, **Masoud Parsania**. Comparison of clinical. demographic and laboratory data from lower respiratory tract infection due to respiratory syncytialvirus and human metapneumovirus. 2015 *Razi Journal of Medical Sciences* 22 (134), 84-90
18. Dorostkar R, Bamdad T, **Parsania M**, Pouriayevali H. An endogenous immune adjuvant released by necrotic cells for enhancement of DNA vaccine potency. *Iran J Immunol*. 2012 Dec;9(4):215-25

19. 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 Jun;8(2):76-84.
20. Pouriayevali MH, Bamdad T, **Parsania M**, Sari RD. Full length antigen priming enhances the CTL epitope-based DNA vaccine efficacy. *Cell Immunol*. 2011;268(1):4-8.
21. **Parsania M**, Bamdad T, Hassan ZM, Kheirandish M, Pouriayevali MH, Dorostkar Sari R, Jamali A. Evaluation of apoptotic and anti-apoptotic genes on efficacy of DNA vaccine encoding glycoprotein B of Herpes Simplex Virus type 1. **Immunology Letters**. 2010;128(2):137-142.
22. Pouyanfard S, Bamdad T, **Parasania M**, Hashemi H, Gorgian Mohammadi M. Impact of timing strategy of LIGHT, a new TNF superfamily on immune platform induced by HSV-1 gB DNA vaccine. **Cytokine**. 2010;50(1):99-103.
23. Arefian E, Bamdad T, Soleimanjahi H, Akhoond M.R, **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 1. **MOLECULAR BIOLOGY**. 2009;43(3):388-393.
24. Gorgian Mohammadi M, Bamdad T, **Parsania M**, Hashemi H.R, 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**. 2009 Mar;6(1):22-7. 2009;6(1):22-27
25. **Parsania M**, Hassan ZM, Bamdad T, Kheirandish M, Sarbolouki M.N, Pouriayevali MH, Dorostkar Sari R, Mahdavi M, Jamali A. Evaluation of Bax Encoding Plasmid on Increase Efficacy of DNA Vaccine Plasmid Encoding gB of Herpes Simplex Virus Type 1. **Yakhteh Medical Journal**. 2008;2:93-100

26. **Parsania M**, Hassan ZM, Bamdad T, Kheirandish M, Sarbolouki M.N, Pouriayevali MH, Dorostkar Sari R, Jamali A, Mahdavi M. Pro-apoptotic gene enhances the immunogenicity of glycoprotein B gene of herpes simplex virus-1. **Gene Therapy and Molecular Biology**. 2008;12:7-14.
27. Arefian E, Bamdad T, Soleimanjahi H, Akhoond M.R, **Parsania M**, Ghaemi A. Evaluation of g-interferon kinetics in HSV-1 infected mice in different days post infection (in vivo) and post re-stimulation (in vitro). **Comparative Immunology, Microbiology & Infectious Diseases**. 2007;30:1-9.
28. Sabahi F, Javan M, Jazayeri Farsani M, **Parsania M**, Bamdad T. Naloxone, an opioid receptor antagonist, enhances induction of protective immunity against HSV-1 infection in BALB/c mice. **Microbial Pathogenesis**. 2007;43:217-223.
29. Zangeneh M, Poopak B, Khavari Z, Valikhani M, **Parsania M**. Evaluation of Immunogenicity of Hepatitis B Vaccination In Health workers. **Medical Sciences Journal of Islamic Azad University-Tehran Medical Branch**, 2004;37:13-21.

Presentations

Conferences, Oral Presentations:

- 1- Quality assurance of molecular methods in diagnosis of Human papillomavirus, Laboratory & Diagnosis, 2019, The 12th International & 17th National Congress on Quality Improvement in Clinical Laboratories.
- 2- The importance of development the non-attendance programs in continuing education for medical laboratory directors, 2019, The 12th International & 17th National Congress on Quality Improvement in Clinical Laboratories.

- 3- Epidemic Influenza. Seminar for Iranian Intensive Care Society, 2017, Imam khomeini hospital, Conferences Saloon, Tehran Iran.
- 4- Immunological Methods in Diagnosis of Herpes Virus Infections in Immunocompromised Patients, The 9th International & 14th National Congress on Quality Improvement in Clinical Laboratories. 2016; Razi Conferences Saloon.
- 5- Laboratory Diagnosis of Viral Skin Infection, The 7th International & 12th National Congress on Quality Improvement in Clinical Laboratories. 2014; Razi Conferences Saloon.
- 6- Immunologic Methods in Diagnosis of HIV Infection, The 7th International & 12th National Congress on Quality Improvement in Clinical Laboratories. 2014; Razi Conferences Saloon.
- 7- Laboratory Diagnosis of Viruses in Ocular Infections, The 6th International & 11th National Congress on Quality Improvement in Clinical Laboratories. 2013; Razi Conferences Saloon.
- 8- Laboratory Diagnosis of Viral Respiratory Infections, The 5th International & 10th National Congress on Quality Improvement in Clinical Laboratories. 2012; Razi Conferences Saloon.
- 9- Viral Infections of Gastrointestinal and Urogenital Tracts, June 2011. Continuous medical education program of Iranian Association of Laboratory Doctors. Tafahom Conferences Saloon. Tehran, Iran.
- 10- Viral Infections of Respiratory System, May 2011. Continuous medical education program of Iranian Association of Laboratory Doctors. Army University of Medical Sciences. Tehran, Iran.

- 11- Viral Infections of Central Nervous System, May 2011. Continuous medical education program of Iranian Association of Laboratory Doctors. Army University of Medical Sciences. Tehran, Iran.
- 12- Laboratory Diagnosis of Viral Meningitis, The 4th International & 9th National Congress on Quality Improvement in Clinical Laboratories. 2011; Razi Conferences Saloon.
- 13- Viral Hepatitis, Mar 2011. Continuous medical education program of Iranian Association of Laboratory Doctors. Tafahom Conferences Saloon. Tehran, Iran.
- 14- Viral Congenital Diseases, Mar 2011. Continuous medical education program of Iranian Association of Laboratory Doctors. Tafahom Conferences Saloon. Tehran, Iran.
- 15- HIV, Feb 2011. Continuous medical education program of Iranian Association of Laboratory Doctors. Tehran University of Medical Sciences. Tehran, Iran.
- 16- General Virology, Feb 2011. Continuous medical education program of Iranian Association of Laboratory Doctors. Pasteur Institute of Iran. Tehran, Iran.
- 17- Evaluation of viral respiratory infections using PCR, 6th Annual congress of Iranian Pediatric Infectious Disease Society, 2010, Tehran Iran.
- 18- Prevention and control of Influenza infection, Nov 2009. Continuous medical education program of Iranian Association of Laboratory Doctors. Iran blood organization of transfusion. Tehran, Iran.
- 19- Influenza (H1N1), Sep 21 2009. Seminar for Health workers of associated hospitals of Tehran Medical Branch, Islamic Azad University. Tehran Medical Branch, Islamic Azad University, Tehran, Iran.
- 20- Microbiology Lab. and Nosocomial Infections Feb 1 2006. CME seminar for Nurses. Amir Al Moemenin Hospital, Tehran Medical Branch, Islamic Azad University, Tehran, Iran.

21- Antibiotics and Infectious Diseases , Jun 1 2006. CME seminar for Nurses. Amir Al Moemenin Hospital, Tehran Medical Branch, Islamic Azad University, Tehran, Iran.

Conference, Poster Presentation:

- 1- The Prevalence of Anti-HBs among Blood Donors of HBsAg Negative and Anti-HBc Positive in Golestan Province. Asma Bahrami, Zohreh Sharifi, **Masoud Parsania**, Ali Akbar Pourfathollah, Sadegh Abbasian, The 12th International & 17th National Congress on Quality Improvement in Clinical Laboratories, April 2019, Iran.
- 2- The Prevalence of Anti-HBc Ab in Blood Donors: The Importance of Screening Kits. Asma Bahrami, **Masoud Parsania**, Ali Akbar Pourfathollah, Zohreh Sharifi, Sadegh Abbasian, The 12th International & 17th National Congress on Quality Improvement in Clinical Laboratories, April 2019, Iran.
- 3- Seroprevalence of Human T-Cell Lymphotropic Virus Type-1 among Blood Donors in the North_East of Iran. 1. Hossein Mehrabi Habibabadi, **Masoud Parsania**, Ali Akbar Pourfathollah, Setareh Haghghat, Zohreh Sharifi. The 12th International & 17th National Congress on Quality Improvement in Clinical Laboratories, April 2019, Iran.
- 4- Evaluation of chelidonium majus L.alkaloidal extracteffect on HeLa cell line compare to normal cell. Faeghe Mobaraki, **Masoud Parsania**, Behzad Poopak, 2nd congress ICB 2018.
- 5- Evaluation Antiviral Effects of Chelidonium Majus Extract Compared with Acyclovir against Herpes Simplex virus Type 1, M. Sadeghpour, **M. Parsania**, M. Aminzadeh. 9th International & 14th National congress on Quality Improvement in Clinical Laboratory, 2016, Iran.

- 6- Evaluation Effect of Leaf Extract of Rosmarinus Officinalis against Herpes Simplex virus Type 1 Replication in Hela Cell line, G. Yosefi Kordestani, **M. Parsania**, 8th International & 13th National congress on Quality Improvement in Clinical Laboratory, 2015, Iran.
- 7- Evaluation of Antiviral Effects of Hyssopus Officinal Extract against Herpes Simplex virus Type 1, H. Aghili, **M. Parsania**, R Hosseyni Dost, 8th International & 13th National congress on Quality Improvement in Clinical Laboratory, 2015, Iran.
- 8- Evaluation of Virucidal Effect of Ascorbic Acid on Herpes simplex virus Type 1, Z. Mehri, **M. Parsania**, H. Attar, A. Mahboubi 8th International & 13th National congress on Quality Improvement in Clinical Laboratory, 2015, Iran.
- 9- Effect of Camel Milk Biopeptides on Breast Cancer Cell Line Mcf-7, H. Mohebbi, H. Attar, **M. Parsania**, A.A.Moosavi Movahedi , 6th International & 11th National congress on Quality Improvement in Clinical Laboratory, 2013, Iran.
- 10- Evaluation of Antiviral Effects of Thymus Vulgaris L. Extract Against of Herpes Simplex Virus Type 1 on Human Cell, M. Razazian, M. Parsania, M. B. Rezaei, S. M Mosavi Jazayeri, 2nd National Congress on Medicinal Plants, 2013, Iran.
- 11- Evaluation of Antiviral Effects of Ruta Graveolens L. Extract Against of Herpes Simplex Virus Type 1 on Human Cell, S. M Mosavi Jazayeri, M. Parsania, M. B. Rezaei, M. Razazian, 2nd National Congress on Medicinal Plants, 2013, Iran.
- 12- Enhancement of a DNA vaccine immunogenicity against herpes simplex virus type 1 by co-administration of LIGHT expression plasmid as a genetic adjuvant . Somayeh Pouyanfard, Taravat Bamdad, **Masoud Parsania**, Hamidreza Hashemi, Masumeh Gorgian Mohamadi. 5th Iranian Congress of Virology & 1st Congress of Vaccine 5th Iranian Congress of Virology & 1st Congress of Vaccine. 2009; Iran.
- 13- Kinetic of cytotoxic T lymphocytes response to gB DNA vaccine comparing to Herpes Simplex Virus 1 infection. Masumeh Gorgian Mohammadi, Taravat Bamdad, **Masoud Parsania**, Somayeh Puyanfard, Hamid Reza Hashemi. 5th Iranian Congress

of Virology & 1st Congress of Vaccine Razi Vaccine and Serum Research Institute. 2009; Iran.

- 14- Evaluation the Immunological Effects of DNA Vaccine Encoding VP22 of Herpes Simplex Virus Type 1. Mohammad Hassan Pouriayeali, Taravat Bamdad, Zohair Mohammad Hassan, **Masoud Parsania**, Rohollah Dorostkar Sari, Abas Jamali, Mehdi Mahdavi. Fourth Iranian Congress of Virology. 2007; Pasteur Institute of Iran.
- 15- The effect of pro-apoptotic Bax protein on efficiency of DNA vaccine encoding glycoprotein B of herpes simplex virus -1. **Masoud Parsania**, Zohair Mohammad Hassan, Taravat Bamdad, Maryam Kheirandish, Mohammad Nabi Sarbolouki, Mohammad Hassan Pouriayeali, Rohollah Dorostkar Sari, Mehdi Mahdavi, Abas Jamali. Fourth Iranian Congress of Virology. 2007; Pasteur Institute of Iran.
- 16- The effect of supernatant of necrotic cells as an innate adjuvant on efficiency of DNA vaccine encoding glycoprotein B of Herpes Simplex virus type1. Rohollah Dorostkar Sari, Taravat Bamdad, Zohair Mohammad Hassan, **Masoud Parsania**, Mohammad Hassan Pouriayeali, Abas Jamali, Mehdi Mahdavi. Fourth Iranian Congress of Virology. 2007; Pasteur Institute of Iran.
- 17- Comparison of immune response in vaccinated mice using DNA vaccine gD2 Herpes Simplex Virus-2 in intramuscular and footpad injection. Mohammad Jazayeri Farsani, Hoorieh Soleimanjahi, Fatemeh Fotouhi, Taravat Bamdad, **Masoud Parsania**, Abbas Jamali, Mohammad Soltanpour. 14th National & 2nd International Conference of Biology. 2006; Tarbiat Modares University, Tehran, Iran.
- 18- Evaluation of cross immune response generated in vaccinated mice using expression vectors containing gD1 and gD2 of HSV against HSV-1 and HSV-2. Mohammad Jazayeri Farsani, Hoorieh Soleimanjahi, Fatemeh Fotouhi, Taravat Bamdad, Abbas Jamali, Mohammad Soltanpour, **Masoud Parsania**. 14th National & 2nd International Conference of Biology. 2006; Tarbiat Modares University, Tehran, Iran

- 19- Evaluation of Hepatitis B virus infection frequency among 1800 patients in Amir al Momenin hospital. **Parsania M**, Poopak B, Khavari Z, Adimi Naghan P, Radpour M. Amir al Momenin . 1st Regional Congress of Microbiology & 1st Different Aspects. 2005; Sciences Department Islamic Azad University North of Tehran.
- 20- Validation of Viral Inactivation Method of Pasteurization on The Albumin 20% Product Manufactured By I.B.R.F.Co. Nasiri S , **Parsania M** and Roostaei M. H.. 2nd Iranian Congress on Virology. 2003; Imam Khomeini Hospital, Tehran, Iran.
- 21- An efficient method for immortalization of genetics disorders patients lymphocytes by Epstein-Barr virus (EBV). Sharifi Z, **Parsania M**, Talebian A. Vax sanguinis (2006) 91 (suppl. 3)

Book Author:

1. Illustrated Medical Virology (in Persian language) **M. Parsania**, 2019
2. Laboratory diagnosis of sexually transmitted infections (in Persian language) M. Hakemi vala, **M. Parsania** , B. Poopak, 2018
3. The Role of Adenovirus in Febrile Children without Localization (in English language) A. Vadikheil, A. Nateghian, **M. Parsania**, 2016
4. Medical virology (in Persian language) **M. Parsania**, 2011

Professional memberships

- 1997 – Present: Member of academic staff, Tehran Medical Sciences, Islamic Azad University, Tehran Iran.
- 2000 – Present: Member of Iranian Association of Virology, Tehran, Iran.

- 2008 – Present: Member of Medical central organization. Tehran, Iran.
- 2011 - Present: Member of Iranian Association of Medicinal Plants. Tehran, Iran.
- 2019- Present: Member of Medical Virology Research Center, Tehran Medical University