

## 1. Personal Information

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Tarbiat Modares University, P.O. Box 14155-331, Tehran, Iran.

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## 2. Educational Qualifications

1998-2003      Ph.D. in Molecular Medical Virology, Tarbiat Modares University, Faculty of  
Medical Sciences, Tehran, Iran.

1992-1994      M.Sc. in Virology, Tarbiat Modares University, Tehran, Iran.

1978-1983      B.Sc. in Laboratory Sciences, Tabriz University, Tabriz, Iran

## 3. Lecture Subjects

### 3. 1- Postgraduate MSc/PhD Programs in Tarbiat Modares University:

- General Virology
- Systematic Virology
- Viral Pathogenesis
- Practical Virology
- Cell Biology
- Viral Vaccine
- Oncolytic Viruses
- Oncolytic viruses in cancer therapy
- Viral Oncoproteins
- Novel approaches for cancer therapy
- DNA Vaccine & Baculo-based recombinant protein vaccine
- MSC loaded oncolytic viruses in Cancer therapy
- Combination therapy in cancer treatment

## 4. Publications

### Journal Papers

1. Najafi N, *Soleimanjahi H*, Moghaddam-Banaem L, Raoufy MR, Shahali S, Kazemnejad A, Nasiri Z. [Humoral immunogenicity assessment after receiving three types of SARS-CoV-2 vaccine](#). Sci Rep. 2023 Nov 18;13(1):20213. doi: 10.1038/s41598-023-47611-w. PMID: 37980441; PMCID: PMC10657424.
2. Seyed-Khorrami SM, Azadi A, Rastegarvand N, Habibian A, *Soleimanjahi H*, Łos MJ. [A promising future in cancer immunotherapy: Oncolytic viruses](#). Eur J Pharmacol. 2023 Oct 3:176063. doi: 10.1016/j.ejphar.2023.176063. Epub ahead of print. PMID: 37797673.
3. Ketabi K, *Soleimanjahi H*, Habibian A, Abroun S. [Pregnancy and SARS-CoV-2 infection with a focus on its vertical transmission, breastfeeding, cord blood banking, and vaccination during COVID-19 infection](#). J Immunoassay Immunochem. 2023 Nov 2;44(5-6):361-380. doi: 10.1080/15321819.2023.2259454. Epub 2023 Oct 31. PMID: 37794764.
4. Amir Kalvanagh P, Karimi H, *Soleimanjahi H*, Ebtekar M, Kokhaei P, Matloubi Z, Rahimi R, Kazemi-Sefat NA, Rajaei H. [The Cooperation of IL-29 and PLGA Nanoparticles Improves the Protective Immunity of the gD-1 DNA Vaccine Against Herpes Simplex Virus Type 1 in Mice](#). Immunol Invest. 2023 Aug 23:1-17. doi: 10.1080/08820139.2023.2243979. Online ahead of print.
5. Ketabi K, *Soleimanjahi H*, Teimoori A, Hatamluyi B, Rezayi M, Meshkat Z. [Diagnostic genosensor for detection of rotavirus based on HFGNs/MXene/PPY signal amplification](#). Mikrochim Acta. 2023 Jul 17;190(8):293. doi: 10.1007/s00604-023-05871-3.
6. Nategh F, Mohit M, Saatian M, Farahmand Z, *Soleimanjahi H*. [Histopathological characteristics and HPV status in cervical biopsy specimens diagnosed as flat condyloma](#). [Histopathological characteristics and HPV status in cervical biopsy specimens diagnosed as flat condyloma](#). Iran J Microbiol. 2023 Jun;15(3):468-474. doi: 10.18502/ijm.v15i3.12909.
7. Fakhredini K, Soleimanjahi H, Bamdad T. [Prevalence of herpes simplex viruses types 1 and 2 infections among suspected children of encephalitis in Kermanshah, Iran](#). Iran J Microbiol. 2023 Feb;15(1):149-154. doi: 10.18502/ijm.v15i1.11931. PMID: 37069915; PMCID: PMC10105278.
8. Zafari E, *Soleimanjahi H*, Mohammadi A, Teimoori A, Shatizadeh Malekshahi S. [Comparison of IgA Antibody Titer Induced by Human-Bovine Rotavirus Candidate Vaccine with Bovine Rotavirus and Rotarix](#). Arch Razi Inst. 2023 Feb 28;78(1):405-412. doi: 10.22092/ARI.2021.354821.1652.
9. Habibian A, *Soleimanjahi H*, Hashemi SM, Babashah S. [Characterization and Comparison of Mesenchymal Stem Cell-Derived Exosome Isolation Methods using Culture Supernatant](#). Arch Razi Inst. 2022 Aug 31;77(4):1383-1388. doi: 10.22092/ARI.2021.356141.1790. eCollection 2022 Aug.
10. Mirtaleb MS, Falak R, Heshmatnia J, Bakhshandeh B, Taheri RA, *Soleimanjahi H*, Zolfaghari Emameh R. [An insight overview on COVID-19 mRNA vaccines: Advantageous, pharmacology, mechanism of action, and prospective considerations](#). Int Immunopharmacol. 2023 Feb 27;117:109934. doi: 10.1016/j.intimp.2023.109934. Epub ahead of print. PMID: 36867924; PMCID: PMC9968612.
11. Rastegarvand, N., *Soleimanjahi, H.*, Arefian, E., & Pourkarim, M. R. (2022). [Application of Bioinformatics Tools for the Prediction of Helper MicroRNAs for Improvement of Oncolytic Virus Efficacy](#). Cellular Microbiology, 2022.
12. *Soleimanjahi, Hoorieh*, and Seyed-Mahmood Seyed-Khorrami. [The Function of DNA and RNA Nanovaccines in the Treatment of Cancer](#). " Cancer Nanotechnology. Springer, Cham, 2023. 229-252.

13. Seyed-Khorrami SM, **Soleimanjahi H**, Łos MJ, Zandi K, Emameh RZ. [Oncolytic viruses as emerging therapy against cancers including Oncovirus-induced cancers](#). Eur J Pharmacol. 2022 Nov 23:175393. doi: 10.1016/j.ejphar.2022.175393. Online ahead of print .PMID: 36435236
14. Teimoori, A Mirshahabi H, B Khansarinejad, **Soleimanjahi H**, Karimi H, [Significant alteration of IFN stimulated genes expression in MA104 cells infected with bovine rotavirus RF strain](#), 2022, Journal of Immunoassay and Immunochemistry, 1-10.
15. A Habibian, **H Soleimanjahi**, SM Hashemi, S Babashah [Characterization and Comparison of Mesenchymal Stem Cell-Derived Exosome Isolation Methods using Culture Supernatant](#), 2022, Archives of Razi Institute 77 (4), 1383-1388.
16. Najafi N, **Soleimanjahi H**, Shahali S, Pourkarim MR, Thijssen M, Fotouhi F, Bamdad T, Azadmanesh K, Nasiri Z, Afzali N, Jabbari MR, Yari A, Karimi H, Karbalaie Niya MH. [Genomic and serological assessment of asymptomatic severe acute respiratory syndrome coronavirus 2 \(SARS-CoV-2\) infections in child labor](#). Pathog Glob Health. 2022 Feb 13:1-7. doi: 10.1080/20477724.2022.2038052. Online ahead of print. PMID: 35152854.
17. Rezazadeh A, **Soleimanjahi H**, Soudi S, Habibian A. [Comparison of the effect of adipose mesenchymal stem cells-derived secretome with and without reovirus in CT26 cells](#), 2022, Archives of Razi Institute 77 (2), 615-622.
18. Shiva Maleki., **Hoorieh Soleimanjahi**, Asghar Abdoli, Hesam Karimi, Razieh Sadat Banijamali ,Taravat Bamdad. [The Effect of Autophagy Induction in Oncolytic Reovirus Replication in Mesenchymal Stem Cells](#). International Journal of Medical Laboratory 2021;8(4):275-283.
19. Babaei A, **Soleimanjahi H**, Soleimani M, Arefian E. [Mesenchymal stem cells loaded with oncolytic reovirus enhances antitumor activity in mice models of colorectal cancer](#). Biochem Pharmacol. 2021 Aug; 190:114644. doi: 10.1016/j.bcp.2021.114644. Epub 2021 Jun 4. PMID: 34090878
20. Sharifi N, **Soleimanjahi H**, Mokhtari-Dizaji M, Banijamali RS, Elhamipour M, Karimi H. [Low-Intensity Ultrasound as a Novel Strategy to Improve the Cytotoxic Effect of Oncolytic Reovirus on Colorectal Cancer Model Cells](#). Intervirology. 2021 Sep 10. doi: 10.1159/000519492. Online ahead of print. PMID: 34510042.
21. Banijamali RS, **Soleimanjahi H**, Soudi S, Karimi H. [Mesenchymal stem cells support delivery and boost the efficacy of oncolytic reoviruses in TC-1 tumor cells](#). J Cell Biochem. 2021 May 30. doi: 10.1002/jcb.29955. Online ahead of print. PMID: 34056765
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23. Ala Habibian, **Hoorieh Soleimanjahi**, Taravat Bamdad, Seyed Mahmood Seyed Khorrami, Atefeh Yari. [Who Is Immune Against COVID-19 and Safe to Return to Work: The Impact of Laboratory Assays](#). Avicenna J Clin Microbiol Infect, Volume 8, Issue 4, 2021,8(4):156-163.
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  30. Nazila Hajiahmadi, *Soleimanjahi H*, Taravat Bamdad. [Importance of SARA-COV-2 serological tests in diagnosis, vaccine productin and treatment](#), Pathobiology Research, 2020;23(4):90-97.
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  33. Kenarkoochi A, Bamdad T, Soleimani M, *Soleimanjahi H*, Fallah A, Falahi S. [HSV-TK Expressing Mesenchymal Stem Cells Exert Inhibitory Effect on Cervical Cancer Model](#). Int J Mol Cell Med.2020 Spring;9(2):146-154. doi: 10.22088/IJMCM.BUMS.9.2.146. Epub 2020 Aug 10.PMID: 32934952.
  34. Babaei A, *Soleimanjahi H*, Soleimani M, Arefian E. [The synergistic anticancer effects of ReoT3D, CPT-11, and BBI608 on murine colorectal cancer cells](#). Daru. 2020 Aug 15. doi: 10.1007/s40199-020-00361-w. Online ahead of print.
  35. Karimi H, *Soleimanjahi H*, Abdoli A, Banijamali RS, [Combination therapy using human papillomavirus L1/E6/E7 genes and archaeosome: a nanovaccine confer immuneadjuvanting effects to fight cervical cancer](#), Scientific Reports, 2020 Apr 1;10(1):5787. doi: 10.1038/s41598-020-62448-3
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39. Parisa Amir Kalvanagha, Masoumeh Ebtekar, Parviz Kokhaei and **Hoorieh Soleimanjahi**, [Preparation and Characterization of PLGA Nanoparticles Containing Plasmid DNA Encoding Human IFN-lambda-1/IL-29](#). Iranian Journal of Pharmaceutical Research (2019), 18 (1): 156-167.
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45. Farahmand B, Taheri N, Shokouhi H, **Soleimanjahi H**, Fotouhi F. [Chimeric protein consisting of 3M2e and HSP as a universal influenza vaccine candidate: from in silico analysis to preliminary evaluation](#). Virus Genes. 2018 Oct 31. doi: 10.1007/s11262-018-1609-5.
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47. Chirani AS, Ghazi M, Goudarzi M, Peerayeh SN, **Soleimanjahi H**, Dadashi M, Hajikhani B. [A survey on chimeric UreB<sub>229-561</sub>-HpaA protein targeting Helicobacter pylori: Computational and in vitro urease activity valuation](#). Comput Biol Chem. 2018 Oct;76:42-52. doi: 10.1016/j.compbiolchem.2018.05.001. Epub 2018 May 5.
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49. Nakhaie M, *Soleimanjahi H*, Mollaie H.R., Arabzadeh SM. A. [Development of Multiplex Reverse Transcription-Polymerase Chain Reaction for Simultaneous Detection of Influenza A, B and Adenoviruses](#), Iran. J Pathol. Volume 13, Issue 1, Winter 2018. Page 54-62.
50. Karimi H. *Soleimanjahi H*, Abdoli A. Shirmohammadi M. [Application of Archaeosome Nanoparticles as a DNA Vaccine Delivery System and Evaluation of its Effect in a C57BL/6 Tumor Model](#). Pathobiology Research, Vol. 19 (2016-2017), No.4, Pages: 71-85.
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## 5. Conference Papers:



Title	Authors	Congress
Assessment of virucidal activity of Ag-NPs and ethanol 70% toward HSV-1	Sanaz Rezaei, Hoorieh Soleimanjahi <sup>1</sup> , Leila Sabet, Razieh Sadat Banijamali <sup>1</sup> , Hesam Karimi <sup>1</sup> , Niloofar Najafi <sup>1</sup> , Parisa behruznia	<i>14th International Congress of Medical Laboratory and Clinic</i>
Autophagy Enhancement: As a Booster for The Replication of Reovirus T3D in TC-1 Tumor Model Cell	Shiva Maleki, Hoorieh Soleimanjahi, Asghar Abdoli, Hesam Karimi, <u>Razieh Sadat Banijamali</u>	<i>8<sup>th</sup> Iranian congress on Virology, Tehran, Iran. 2022</i>
Evaluation of Oncolytic Reovirus-Loaded AD-MSCs Efficacy in Therapy of Tumoral C57BL/6 Mice Model	HooriehSoleimanjahi, <u>Seyed-Mahmood Seyed-Khorrami</u> , Sara Soudi, Ala Habibian	<i>13th International Congress of Medical Laboratory and Clinic</i>
A Comparative Study of Exosome Isolation Using Ultracentrifugation and Commercial Reagents	<u>Ala Habibian</u> , Hoorieh Soleimanjahi, Seyed Mahmoud Hashemi, Fatemeh Fotouhi, Seyed-Mahmood Seyed-Khorrami, Azam Rezazadeh	<i>13th International Congress of Medical Laboratory and Clinic</i>
The impact of simultaneous administration of oncolytic reovirus and irinotecan for cancerous cell death	M. Elhamipour H. Soleimanjahi, Asghar Abdoli Negar Sharifi, Hesam Karimi	<i>11th International Congress of Laboratory and Clinic</i>
Oncolytic Reovirus Titer Determination in Exposure to Low-intensity Ultrasound	Negar Sharifi, H. Soleimanjahi, M. Mokhtari M. Elhamipour, Raziyeh Sadat Banijamali	<i>11th International Congress of Laboratory and Clinic</i>

The Convenient and Economical method to Collect Adipose Mesenchymal Stem Cells	Azam Rezazadeh H. Soleimanjahi, Sara Soudi, Asghar Abdol, A. Habibian	<i>11th International Congress of Laboratory and Clinic</i>
Evaluation the effect of Brucella abortus RB51 lipopoly saccharide as an adjuvant on the efficiency of HPV-16 L1 and HPV-16 E7 DNA vaccines in C57BL/6 mice	Soleimanjahi, H Shirmohammadi, M Kianmehr, Z Karimi, H	<i>Annals of Oncology, Volume 28, Issue suppl_11, 1 December 2017, mdx711.043,(Q1) (11.855) ESMO Congress</i>
Evaluation of mesenchymal stem cell biology in reovirus infection	Razieh sadat Banijamali, Hoorieh Soleimanjahi, Sara Soudi , Seyed Mahmood Seyed Khorrami, Hesam Karimi	<i>International journal of Health and life- science, LIFE CONGRESS DOUBI 2017</i>
Archaeobacterial membrane lipids confer dual prominent properties as DNA vaccine immuneadjuvanting and carrier effects	Hesam Karimi, Hoorieh Soleimanjahi, Asghar Abdoli, Razieh sadat Banijamali, Seyed Mahmood Seyed Khorrami, Masoumeh Shirmohammadi.	<i>11th International Congress of Clinical Microbiology, Shiraz, Iran Nov 2017.</i>
Comparative studies of Reovirus infection in Adipose Derived Mesenchymal Stem Cells and L929 Cell line	Razieh sadat Banijamali , Hoorieh Soleimanjahi, Sara Soudi, Asghar Abdoli , Hesam Karimi , Seyed Mahmood Seyed Khorrami	<i>11th International Congress of Clinical Microbiology, Shiraz, Iran Nov 2017.</i>
Comparing of the effect of Brucella abortus RB51 lipopolysaccharide as an adjuvant on the efficiency of HPV	Shirmohammadi Masoumeh, Soleimanjahi Hoorieh, Kianmehr Zahra, Kaboudanian Ardestani Susan, Abdoli Asghar, Karimi Hesam	<i>The first international congress of cancer prevention and early detection, Tehran, Iran.</i>

Archaeosomes as a potent delivery nanoparticles for Human Papillomavirus candidate DNA vaccine	Hesam Karimi, Hoorieh Soleimanjahi, Asghar Abdoli , Masoumeh Shirmohammadi , Seyed Mahmood Seyed Khorrami, Razieh sadat Banijamali	<i>International Congress, Cancer Prevention &amp; Early Detection Integration of Research &amp; Actiontehran, I.R of Iran – 28_30 January 2017</i>
Archaeosomes as Adjuvante and DNA Vaccine Nanodelivery Systems for Human papillomavirus	Hesam Karimi, Hoorieh Soleimanjahi, Asghar Abdoli , Seyed Mahmood Seyed Khorrami , Masoumeh Shirmohammadi , Razieh sadat Banijamali	<i>3rd congress of Asme Allergy 2017</i>
Protection induced by a reassortment rotavirus vaccine in a gnotobiotic pig model	Hesam Karimi, Hoorieh Soleimanjahi, Ali Teimoori, Hadi Razavi nikoo, Parisa Saadat	<i>9th Congress of microbiology 2017 shiraz</i>
Assessment of immune responses in cervical cancer model using DNA vaccine and anti-angiogenic peptide	Parisa Saadat, Hoorieh Soleimanjahi, Seyed Mohsen Asghari, Zahra Kianmehr, Susan Kaboudanian Ardestani, Hesam Karimi	<i>9th Congress of microbiology 2017 shiraz</i>
Optimization of Pancoronaviruses Detection in viral respiratory infections by RT-PCR	SomayehAlipour, Dr. Hoorieh Soleimanjahi, Dr. Fatemeh Fotohi	<i>The 7th international Congress on Pulmonary Diseases and Intensive Care and Tuberculosis ۱۳۹۴</i>
In vitro transcription of Coronaviruses Polymerase Gene with T7 RNA polymerase	Somayeh Alipour, Dr. Hoorieh Soleimanjahi, Dr. FatemehFotouhi	<i>9th International Congress of Laboratory &amp; Clinic 2016</i>
Detection of Papillomavirus in Trichomonas vaginalis suspicious vaginal specimens in Mahshahr	Maryam Mozafari , Hoorie Soleimanjahi , Abdolhossein Dalimi , Ehsan Zafari , mohammad Qolami , Leyla Moradi	<i>9th International Congress of Laboratory &amp; Clinic 2016</i>

Construction of expression vector containing FMDV type O/IRN/1/2007-VP1 gene and confirmation of protein expression in BHK7 cells	Motamedi Sedeh F, Soleimanjahi H, Jalilian A and Mahravani H,	<i>6th Iranian congress on Virology, Tehran, Iran. 2012.222</i>
A novel approach for production of chimeric- Influenza virosome vaccine containing HA of H3N2 and H1N1	Abdoli A, Soleimanjahi H, Kheiri MT, Jamali A, Sohani MH, Rahmatollahi HR, Abdoli M , Gholami S	<i>6th Iranian congress on Virology, Tehran, Iran. 2012.168.</i>
Construction of Prokaryotic Expression Vector Consist of Multiple M2e of Influenza H1N1 Virus and HSP70 of Leishmania	Taheri N, Fotouhi F ,Soleimanjahi H, Naji T, Farahmand B, Chalabiani S, Saleh M, Kheiri MT	<i>6th Iranian congress on Virology, Tehran, Iran. 2012.135</i>
Amplification of non structural gene, segment 7 of rearranged and wild type bovine Rota virus by RT- PCR method	Ahmadi E, Soleimanjahi H Sadegizadeh M ,Teimoori A	<i>6th Iranian congress on Virology, Tehran, Iran. 2012.72</i>
Ahmadi E, Soleimanjahi H, Sadegizadeh M ,Teimoori A Development of Poly (A) -Tailed Universal Reverse Transcription PCR method for amplification of bovine rotavirus	Ahmadi E, Soleimanjahi H, Sadegizadeh M ,Teimoori A	<i>6th Iranian congress on Virology, Tehran, Iran. 2012.66.</i>

genome		
Production of Reassortants between Bovine (RF) and Human (RV4) Rotaviruses in Vitro	Teimoori A, Soleimanjahi H	<i>6th Iranian congress on Virology, Tehran, Iran. 2012.63</i>
Monitoring of cytomegalovirus infection in pediatric hematopoietic stem cell transplant recipients by qPCR and pp65 antigenemia assay, for determination of preemptive treatment criteria	Khansarinejad B, Soleimanjahi H, Mirab-Samiee S, Paryan M, Hamidieh AA, Sanahmadi Y	<i>6th Iranian congress on Virology, Tehran, Iran. 2012.45</i>
Production and purification of human papillomavirus-16 major capsid protein derived virus like particles (HPV 16L1 -VLP)	Kianmehr Z, Soleimanjahi H, Ardestani S, Fotouhi F	<i>6th Iranian congress on Virology, Tehran, Iran. 2012.37</i>
<b>Diagnosis of HSV - 1 infection in cerebrospinal fluid samples of encephalitis in infants using Loop-Mediated Isothermal Amplification and PCR in Tehran and Shiraz (1389)</b>	Poorhosein B., Soleimanjahi H., Behzadian F., Khansarinejad B., Jamalidoust M	<i>5th ICCM, 8-10 Nov 2011, Shiraz</i>
Application of passive hemagglutination assay in comparison	Nejati M., Soleimanjahi H., Roostee MH., Poorhosein B., Fazeli M	<i>5th ICCM, 8-10 Nov 2011, Shiraz.</i>

to serum neutralization test for determination of the prevalence of genital HSV-2 antibodies in pregnant women in Tehran		
Lambda nanoparticle-based vaccine protect tumor mice against HPV16-associated cancer	Ghaemi A., Soleimanjahi H, Gill P., Razeghi S., Shoahassani A.R., Hamdi, K	<i>4th Vaccine and ISV Annual Global Congress. October 2010</i>
Cloning and enhancement expression of codon optimize E7 - HSP70 fusion protein as HPV vaccine candidate	Razavi niko H., Soleimanjahi H., Fotouhi F., Ghaemi A	<i>4th Vaccine and ISV Annual Global Congress. October 2010</i>
Application of in situ PCR technique for detection of latent Herpes simplex virus type-1 DNA in mice trigeminal ganglia	Khansarinejad B, Soleimanjahi H, Ghaemi A, Pour Beiranvand S, Sharifi Z	<i>5th Iranian Congress of Virology &amp; 1st Congress of Vaccine,2009</i>
Enhancement of therapeutic DNA Vaccine Potency against Human Papillomavirus 16 tumor by Coadministration of a HPV-16 E7 and L1 genes	Fazeli M., Soleimanjahi H., Ghaemi A., Bamdad T., Abdoli A	<i>5th Iranian Congress of Virology &amp; 1st Congress of Vaccine,2009</i>
Design of recombinant Lambda-based nanoparticles against Human Papillomavirus virus neoplasms	Ghaemi A, Soleimanjahi H, Hassan Z M , Gill P, Razavi S M H Nikoo	<i>5th Iranian Congress of Virology &amp; 1st Congress of Vaccine,2009</i>

Construction and expression of a recombinant bacmid containing papillomavirus type16-L1 gene in Sf-9/insect cells	Abdoli A., Soleimanjahi H., Fotouhi F., Teimoori A., Fazeli M., karimae M., Pour Beiranvand Sh	<i>5th Iranian Congress of Virology &amp; 1st Congress of Vaccine,2009</i>
Tc-1, the tumor cell line, as comprehensive tumoric models for evaluation of cervical cancer vaccines	Fazeli M., Soleimanjahi H., Ghaemi A., Hashemi R., Farzanehpour M	<i>4th Iranian Congress of students of medical science, Birjand, 2008</i>
Construction of therapeutic nanovaccine against cervical cancer using phage-based articles	Ghaemi A., Soleimanjahi H., Zuhair M Hassan, and Pooria Gill	<i>Edinburgh International Phage Conference 2008.26.07.2008</i>
Escherichia coli expressed herpes simplex virus gG-1 and gG-2 proteins in ELISA and immunoblotting assays	Jamalidoust M, Soleimanjahi H., Fotouhi chahooki F	<i>2nd ICCM, Shiraz, Oct 2008</i>
Persistence of Nanobacteria in renal stone formation,2008	Talebi BAA, Soleimanjahi H,	<i>2nd Laboratory &amp; Medicine Congress</i>
Role of Nanobacteria in cardiac valves and coronary arteries calcification,2008	Talebi BAA, Soleimanjahi H	<i>2nd Laboratory &amp; Medicine Congress</i>
Administration of DNA and protein vaccines containing gD genes of HSV1 &2. 2008	Soleimanjahi H., F. Fotouhi	<i>18th ECCMID</i>
Construction of a recombinant bacmid containing	Abdoli, H. Soleimanjahi, F. Fotouhi chahooki, A. Teimoori, M. Fazeli, F. Farzaneh pour, M. Shenagari	<i>2008.18th ECCMID</i>

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Development of situ PCR technique for detection of latent HSV-1 DNA in mice trigeminal ganglia	Khansarinejad B. Soleimanjahi H, Ghaemi A. Teimorri A	<i>9th Iranian congress on Biochemistry, Shiraz, Iran. 2007</i>
Enhancement of the immuneresponcees against HCV Vaccine by codelivery of GM-CSF and IL23 expressing plasmids as immunologic adjuvantunes	Hartonian Ch, Ebtekar M. Karami , Soleimanjahi H, Mahdavi M	<i>1th Iranian congress on Microbiology, Shiraz, Iran. Jan 2007.</i>
Production of CD8+ T cell responses in vaccinated mice using DNA Vaccine encoding HPV-16 E7 gene	Meshkat Z. Soleimanjahi H, Hassan ZM, Mirshahabi H1, and Meshkat M	<i>1th Iranian congress on Microbiology, Shiraz, Iran. Jan 2007</i>
Induction of specific CTL responses in vaccinated BALB/c mice using DNA vaccine containing Human papillomavirus type 16 E6 gene.	Soleimanjahi H, Hassan ZM, Meshkat Z, Mirshahabi H1, and Meshkat M	<i>1th Iranian congress on Microbiology, Shiraz, Iran. Jan 2007</i>
Administration of a DNA vaccine containing Human papillomavirus type 16 E6 gene in order to induce specific cell proliferation	Soleimanjahi H, Hassan ZM, Meshkat Z, Mirshahabi H1, and Meshkat M	<i>4th Iranian congress on Virology, Tehran, Iran. Jan 2007</i>
Ethanollic E.purpurea extract can enhance immune responses	Ghaemi A, Soleimanjahi H, Bamdad T, Gill P, Soudi S, Arefian E, Hashemi S M, Khansarinejad B and Hassan	<i>4th Iranian congress on Virology, Tehran, Iran. Jan 2007.</i>



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Acute morphine administration reduces WBCs capability to induce innate resistance against HSV-1 infection in BALB/c mice	Jamali A, Bamdad T, Soleimanjahi H , Arefian E	<i>4th Iranian congress on Virology, Tehran, Iran. Jan 2007</i>
DNA priming-protein boosting using HSV-gD2 induces higher humoral responses compared to DNA immunization	Fotouhi F., Soleimanjahi H., Roostae M.H., Dalimi A	<i>4th Iranian congress on Virology, Tehran, Iran. Jan 2007</i>
Induction of specific CTL responses using DNA vaccine containing Human papillomavirus type 16 E7 gene in animal model	Meshkat Z, Soleimanjahi H, Mirshahabi H, Hassan ZM, Meshkat M, and Kheirandish M	<i>4th Iranian congress on Virology, Tehran, Iran. Jan 2007</i>
Isolation and amplification of HPV-16 L1 gene from paraffin embedded tissue samples	Teimoori A, Soleimanjahi H, Fotouhi F, Meshkat Z, Khansarinejad B	<i>4th Iranian congress on Virology, Tehran, Iran. Jan 2007</i>
The comparison of alkaline phosphatase changes in silkworm larva and GUBmEK1 cell line due to nuclear polyhedrosis virus infection	Etebari K ., Matindoost L., Soleimanjahi H., Jalali Sendi J.and Dalirsefat S.B	<i>4th Iranian congress on Virology, Tehran, Iran. Jan 2007</i>

Administration of DNA vaccine containing E6 gene of HPV16 in order to evaluate cellular immunity	Meshkat Z, Soleimanjahi H, Mahmoudi M, Mirshahabi H, and Hassan ZM. Meshkat M	<i>17th European congress of clinical microbiology and infectious disease (ECCMID) 2007</i>
Investigation of IFN- $\gamma$ and IL4 cytokine responses in vaccinated mice with DNA vaccine containing E7 gene of human papillomavirus type 16	Meshkat Z, Soleimanjahi H, Mahmoudi M, Mirshahabi H, and Hassan ZM. Meshkat M	<i>17th European congress of clinical microbiology and infectious disease (ECCMID) 2007</i>
Preparation of the herpes simplex virus type 2 glycoprotein D subunit and DNA vaccines and evaluation of their efficacy in guinea pigs	Fotouhi F., Roustae MH, Soleimanjahi H	<i>17th European congress of clinical microbiology and infectious disease (ECCMID) 2007</i>
Evaluation of gamma interferon kinetic in vaccinated BALB/c mice by gD expression vector of HSV-1 and its recombinant protein	Arefian E., T Bamdad, A. Ghaemi, Soleimanjahi H, F. Sabahi. A. Ghaemi.Kiani	<i>16th European congress of clinical microbiology and infectious disease (ECCMID).2007</i>
Construction of an expression vector containing CTL epitopes of HPV16 E7 protein linked to human HSP70 as a therapeutic vaccine candidate against HPV16	Meshkat Z, Soleimanjahi H, Mahmoudi M, Mirshahabi H, and Hassan ZM	<i>14th national and 2nd international conference biology (2006)</i>

purpura extract in inhibition from HSV-1- induced ocular inflammation in BALB/c mice	Ghaemi A., Soleimanjahi H, Bamdad T, E. Arefian. The effect of E	<i>3rd Iranian congress on Virology, Tehran, Iran. 2006</i>
IFN-. evaluation in HSV-1 prime-boost, DNA and subunit vaccinated mice by semi-Quantitative RT PCR	Arefian E., Bamdad T, Ghaemi A.,Soleimanjahi H, F. Sabahi	<i>3rd Iranian congress on Virology, Tehran, Iran. Jan 2006</i>
Evaluation of gamma interferon kinetic in vaccinated BALB/c mice	Arefian E., Bamdad T., Soleimanjahi H., F. Sabahi	<i>the 3th iranian congress of Virology, Tehran , 2006</i>
Comparing of Gamma IFN Kinetic in Prim-Boost GD-1 Vaccinated and HSV-1 Infected Mice by Semi-quantitative RT-PCR. 12th International Congress on Infectious Diseases	Arefian E., Bamdad T.,Soleimanjahi H, F. Sabahi, A. Ghaemi, J. Keiany	<i>Lisbon Congress Center. June 18, 2006</i>
Evaluation of gamma interferon kinetic in vaccinated BALB/c mice by gD expression vector of HSV-1 and its recombinant protein	Arefian E., Bamdad T., Soleimanjahi H, Sabahi F., Ghaemi A., Keiani J	<i>16th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 2006</i>
Linkage of CTL epitopes of HPV16 E7 gene to HSP70 gene using three step PCR	Meshkat Z, Soleimanjahi H, Mahmoudi M, Mirshahabi H, and Hassan ZM	<i>16th European congress of clinical microbiology and infectious disease (ECCMID) (2006)</i>
Production of Human PapillomaViruse Type -16 E6	Mirshahabi H., Soleimanjahi H., Meshkat Z., Hassan Z.M	<i>9th Iranian Genetics Congress (2006)</i>

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Production of stable cells expressing E6 recombinant protein of human papillomavirus type 16 using neomycin resistant gene as a selective marker	Mirshahabi H., Soleimanjahi H., Meshkat Z., Hassan Z.M	<i>9th Iranian Genetics Congress (2006)</i>
Design and production a DNA vaccine as a potential therapeutic vaccine for cervical cancer	Meshkat Z, Soleimanjahi H, Mahmoudi M, Mirshahabi H, and Hassan ZM	<i>. Iranian Congress of Infectious disease, (2006)</i>
Insertion of HPV-16 E7 oncogene into expression vector and production of stable cells expressing E7 recombinant protein	Meshkat Z, Soleimanjahi H, Mahmoudi M, Mirshahabi H, and Hassan ZM	<i>9th Iranian Genetics Congress (2006)</i>
Design and construction of a cloning vector containing immunogenic region of HPV-16 E7 and human HSP 70 proteins	Meshkat Z, Soleimanjahi H, Mahmoudi M, Mirshahabi H, and Hassan ZM	<i>9th Iranian Genetics Congress (2006)</i>
Construction of cloning vector encoding oncoprotein E6 of human papillomavirus type 16 (HPV-16)	Mirshahabi H., Soleimanjahi H., Meshkat Z., , and Bamdad T	<i>3rd Iranian Congress of Virology (2006)</i>
Typing of human papillomaviruses by polymerase chain reaction (PCR) and restriction fragment	Meshkat Z., Soleimanjahi H, M.Mahmoodi, H.Mirshahabi, M. Farhadi Langeroudi and Z.M. Hassan	<i>3rd Iranian Congress on Virology (2006)</i>

length polymorphisms (RFLP) in tissue samples from human cervical cancer		
Comparison of DNA extraction methods for normal cervical paraffin- embedded tissues	Mirshahabi H, Z Meshkat, Soleimanjahi H	<i>3rd Iranian Congress of Virology (2006)</i>
Construction of cloning vector pTZ57R encoding E7 gene of human papillomavirus type 16	Meshkat Z., Sleimanjahi H., Mahmoudi M., Mirshahabi H., and Hassan Z.M	<i>3rd Iraninan Congress on Virology (2006).</i>
The first report of establishing silkworm <i>Bombyx mori</i> primary cultures invitro	Matindoost L., Soleimanjahi H. Sendi J., Etebari F	<i>13 th Iranian biology congress, Guilan,8-10 Agu., 2005.</i>
Evaluation of herpes simplex virus latency after vaccination with vector containing gD gene of HSV-1	Ghaemi A., Soleimanjahi H, Bamdad T, Roostaie MH ,Arefian E	<i>The 4th national biotechnology congress of Islamic republic of Iran. 15-17 Agu., Kerman, 2005</i>
Acute morphine treatment reduces ability of NK cells to induce innate immunity against herpes simplex virus type –1	Jamali A.,Mahdavi M.,Mohebi R., Roostaie MH.,Bamdad T.,Soleimanjahi H	<i>The 1st Iranian seminar on immunity and infection, Sari, Iran, 2005</i>
Immunization with DNA vaccine encoding gD-1 of HSV-1 elicit lymphocyte proliferation response to herpes simplex	Ghaemi A., Soleimanjahi H., Soudi S., Bamdad T., Hashemi M., Arefian E	<i>The 1st Iranian seminar on immunity and infection, Sari, Iran, 2005</i>

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Evaluation of gamma interfron mRNA synthesizes after mice infection with HSV-1 in different days	Arefian E., Bamdad T.,Soleimanjahi H., Sabahi F., Ghaemi A., Mohebbi R., Zahedi S	<i>The 1st Iranian seminar on immunity and infection, Sari, Iran, 2005</i>
In vitro Anti-herpes simplex virus type 2 effects of aerial parts extract of Echinacea purpurea from Iran	Ghaemi. A., Soleimanjahi H, Bamdad T, E. Arefian	<i>The 1st International Iranian congress on Biological science, Karaj. December 2005</i>
Inhibitory activity of Echinacea purpurea extracton nitric oxide production in LPS activated macrophages	Hashemi M., S. Soudi, A. Ghaemi H. Soleimanjahi, T. Bamdad	<i>1st International congress of biochemistry &amp;Molecular biology. Tehran,2005</i>
Effect of Echinacea purpurea exreract on cellular immunity in BALB/c mice	Hashemi S.M., Soudi S., Ghaemi A., Arefian E. , Hassan Z.M., Soleimanjahi H	<i>The 1th congress of biochemistry &amp;Molecular Biology, Tehran, Iran, 2005</i>
A. Ghaemi Comparison of the virus neutralization test (VNT),ELISA and dot immunoassay (DIA) for detection of mumps antibodies	Ghandyani F.,M.roostaei, T.Bamdad, Soleimanjahi H	<i>5th European Congress of Cliniacal microbiology and Infectious Disease Copenhagen, Denmark ECCMID, April 2005</i>
Evaluation of Herpes simplex viruse-1 Latency in Trigeminal Ganglia of Ocular and Systemic Infected Mice	Ghaemi A., Soleimanjahi H., T.Bamdad, E.Arefian	<i>15th International Congress of European Clinical Microbiology and Infections, Copenhagen, Denmark , 2005</i>
Protective immunity against HSV-1 generated by DNA vaccination	Jamali A., Roostaie MH.,Bamdad T.,Soleimanjahi H, Ghaderi F	<i>1st Iranian seminar on immunity and infection, Sari, Iran, 2005</i>

Vaccination with a virulent strain of HSV-1 provides protection against lethal HSV-1 challenge but not from latency in chronic morphine treatment mice	Ghaemi A., Jamali A., Soleimanjahi H, Roostaie MH., Bamdad T., Ghaderi F	<i>1st international congress on immunodeficiency disorders., Tehan, Iran, 2005</i>
., DNA vaccination fails to induce protective immunity against HSV-1 in chronic morphine treated mice	Jamali A., Roostaie MH., Bamdad T., Soleimanjahi H, Ghaderi F	<i>1st international congress on immunodeficiency disorders., Tehan, Iran, 2005</i>
Effect of acute morphin treatment on invivo ability of NK cells to induce protection against HSV-1 in immunosuppressive mice	Jamali A., Mahdavi M., Mohebi R., Roostaie MH., Bamdad T., Soleimanjahi H	<i>1st international congress on immunodeficiency disorders., Tehan, Iran, 2005</i>
Innate immunity against systematic infection of HSV-1 in acute morphine treated mice	Jamali A., Roostaie MH., Bamdad T., Soleimanjahi H	<i>1st international congress on immunodeficiency disorders., Tehan, Iran, 2005</i>
Modification of primary and recurrent genital herpes in guinea pig by DNA immunization	Fotouhi F., Roustaee MH, Soleimanjahi H	<i>The 4th national biotechnology congress of Islamic republic of Iran. 15-17 Agu., Kerman, 2005</i>
Expression of the Glycoprotein D of Herpes Simplex Virus Type-2 in Insect Cells	Fotouhi F., Roustaee M.H., Soleimanjahi. H. and Haqshenas.G.R	<i>HUPO 3rd Annual World Congress. October 2004. Beijing, China</i>
Construction of an expression vectors	Fotouhi F., Soleimanjahi H., Roustaee MH	<i>The 9th Congress on Obsterics and</i>

containing HSV-1&2 glycoprotein D genes to express in mammalian cell line		<i>Gynaecology.2004.Tehran,Iran</i>
Evaluation antiviral activity of aerial parts extracts of Echinacea purpurea from Iran against HSV-1	Ghaemi A., Soleimanjahi H., Farshbaf Mogadam M., Arefian E	<i>To be Presented on 3rd Cong. Of Health, Enviroment and Natural Products.Mashhad,Iran, 2004</i>
Cloning of of herpes simplex virus type 1 thymidine kinase gene in E.coli using PCR method for direct cloning	Rahimi Zadeh Sh., Roostae M.H.,Rezaee A.,Zandi K Soleimanjahi H	<i>2nd Iraninan Congress on Virology 2004</i>
Detection of anti- HSV1 Antibody in patient serum samples by using the virus which purified in sucrose dencity gradient	Meshkat Z., Roostae M. H., Soleimanjahi H	<i>2nd Iraninan Congress on Virology 2004</i>
Using of glycoprotein B gene of HSV-1 or some epitopes of that in protection of BALB/c mice against wild virus	Bamdad T.,Roustaee M.H.,Sadegeezadeh M.,Mahboodi F.,Kazemnejad A, Soleimanjahi H	<i>2nd Iraninan Congress on Virology 2004</i>
. Evaluation antiviral activity of aerial parts extracts of Echinacea purpurea from Iran against HSV-1."To be Presented on	Soleimanjahi H., Ghaemi A., Bamdad T., Farshbaf Mogadam M., Zahedi S	<i>2nd International Congress on Traditional Medicine &amp; Materia Medica, Tehran, Iran, 2004</i>
Chemical composition of essential oil Tagetes minuta from Iran	Soleimanjahi H., A. Ghaemi, , R.Omidbeigi	<i>To be Presented on 2nd International Congress on Traditional Medicine &amp;Materia Medica, Tehran, Iran, 2004</i>



Antiviral activity of root extract from <i>Tagetes minuta</i> against Herpes Simplex Virus Types 1 , To be Presented on	Ghaemi A., Soleimanjahi H. Arefian E. Omidbeigi R	<i>2nd International Ccongress on Traditional Medicine &amp; Materia Medica, Tehran, Iran, 2004</i>
Evaluation antiviral activity of aerial parts extracts of <i>Echinacea purpurea</i> from Iran against HSV-1	Ghaemi A., Soleimanjahi H, R.Omidbeigi	<i>2nd International Congress on Traditional Medicine &amp; Materia Medica, Tehran, Iran, 2004</i>
A survey on presence of Parainfluenza type3virus in respiratory infections in iran and measuring its antibodies	Astani A., Roostae M.H., Soleimanjahi H., Mamishi F.,Bamdad T., Kazemnejad A	<i>To be Presented on: Clinical and Investigative Medicine vol 27.No.4 (2004)</i>
Production of polyclonal antibody against herpes simplex virus type 1by using genetically purified virus	Meshkat Z., Roostae M. H., Soleimanjahi H	<i>2nd Iraninan Congress on Virology 2004</i>
Development of a clone of BK cells and its usage for propagation of Parainfluenza virus3 and Herpes SimplexVirus-1	Mohammad Zadeh Seddig Y. ,Roostae M.H, SoleimanjahiH., Khedmati K.Bakhtiyari A	<i>2nd Iraninan Congress on Virology 2004</i>
Enhancement of DNA vaccine potency against herpes simplex virus type-1 using recombinant glycoprotein D	Soleimanjahi H.,Roostae M.H.,Rassaee M.J.,Mahboodee F.,Kazemnejad A. Bamdad T	<i>2nd Iraninan Congress on Virology 2004</i>
Evaluation of induced immunity against	Aghaebrahimian A.,Roostae M.H., Soleimanjahi H.,Zandi K	<i>2nd Iraninan Congress on Virology 2004</i>

HSV-1 in BALB/c mice byDNA vaccines containing pcDNA3 gD-1 or pcDNA3 gB-1 or both of them		
Production of pure gG-1 from HSV-1in prokaryotic and eukaryotic systemes	Zandi K., Roostae M.H.,Sadeghizadeh M., Rassae M.J., Soleimanjahi H	<i>2nd Iraninan Congress on Virology 2004</i>
A survey on presence of Parainfluenza type3virus in respiratory infections and its isolation.sera treated with kaolin and heparin	Astani A., Roostae M.H., Soleimanjahi H., Mamishi F.,Bamdad T	<i>2nd Iraninan Congress on Virology 2004</i>
Detection of human influenza virus H1N1 and H3N2 by RT-PCR	Mahabadi M., Rousiee M.H., Hoseyni doste R., Soleimanjahi H	<i>2nd Iraninan Congress on Virology 2004</i>
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	Bamdad T., Roostae M.H.,Sadeghizadeh M., Kazemnejad A. Soleimanjahi H	<i>HUPO 2nd Annual &amp; IUBMB XIX World Congress, (2003)</i>
Prime-boost Immunization with DNA and Recombinant Herpes Simplex Virus Type-1 Glycoprotein D Induced Humoral Immune Response and Protected	Soleimanjahi H., Roostae M.H., Rasaee M.J., Kazemnejad A., Bamdad T	<i>HUPO 2nd Annual &amp; IUBMB XIX World Congress, (2003).</i>

BALB/c Mice Against Intraperitoneal Challenge		
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	Roostae M.H., Soleimanjahi H., Bamdad T	<i>HUPO 2nd Annual &amp; IUBMB XIX World Congress, (2003)</i>
Application of Baculovirus Expression System to Produce Recombinant Glycoprotein G of Herpes Simplex Virus Type- 1, In Order to Develop an ELISA Test	Zandi K., Roostae M.H.,Sadeghizadeh M., Rassae M.J., Soleimanjahi H	<i>HUPO 2nd Annual &amp; IUBMB XIX World Congress, (2003)</i>
Production of Herpes Simplex Type 1 Thymidine Kinase Recombinant Protien in E.coli	Rahimi Zadeh Sh., Roostae M.H.,Rezaee A.,Zandi K, Soleimanjahi H	<i>HUPO 2nd Annual&amp; IUBMB XIX World Congress,2003</i>
Comparison of Western Blotting Method with Virus Neutralization Test for Measuring Herpers Simlex Virus Type 1 (HSV-1) Antibodies to pc DNAgD or pc DNAgG or both of them	Meshkat Z., Roostae M. H., Soleimanjahi H., Zandi K., Meshkat M	<i>HUPO 2nd Annual &amp; IUBMB XIX World Congress, (2003)</i>
Induction of neutralizing antibodies against	Aghaebrahimian A.,Roostae M.H., Soleimanjahi H.,Zandi K	<i>HUPO 2nd &amp; IUBMB XIX World Congress, (2003)</i>

HSV-1 in BALB/c mice inoculated with recombinant DNAs		
Comparison of western blotting method with virus neutralization test for measuring HSV1	Meshkat Z.,Roostae M.H., Soleimanjahi H., Meshkat M	<i>HUPO 2nd Annual &amp; IUBMB XIX World Congress, (2003)</i>
Comparison of HSV-1gD w.blotting pattern with Herpes Simplex Virus Type1	Meshkat Z., Roustae M.H., Soleimanjahi H	<i>3rd Biotech. Cong. 2003</i>
" Nucleic acid vaccine encoding gB of HSV-1 can protect mice from HSV-1 challenge	Bamdad T., Roustae M.H., Sadegeezadeh M., Mahboodi F., Soleimanjahi H	<i>ECCMID 2003</i>
Protection of mice against a lethal HSV-1 challenge by Immunization with DNA vaccine	Soleimanjahi H., Roustae M.H., Mahboode F., Rassae M.J., Bamdad T	<i>ECCMID, 2003</i>
Construction of expression vector encoding gpD of HSV-1 and detection of the expressed protein by flurescent technique	Soleimanjahi H.,Roustae M.H.,Rassae M.J.,Mahboodi F	<i>3rd Biotech. Cong. 2003</i>
Construction of an expression vector encoding gD of HSV-1 for detection of the expressed protein by fluorescent techniques	Soleimanjahi H.,Roostae M.h.,Mahboodee F.,Rassae M.J.Bamdad T	<i>Antiviral Reserch 2003</i>
A Rapid Modified Ab capture ELISA for Detection of HSV-1 primary Infection	Ravanshad M.,Roostae M.H.,Mostafae A.,Soleimanjahi H.,Sabahi F	<i>10th Int. Infect DIS. Singapore 2002</i>

In Human		
Application of ELISA for Detection of IgM Antibodies against Measles Virus & Human Herpes Virus	Roostae M.H., Ravanshad M., Roodbari F., Mostafae A., Soleimanjahi H., Sabahi F	<i>10 th. Int. Cong. Infect DIS. Singapore 2002</i>
Virological and seroepidemiological patterns of HSV Infections among pregnant women in 3 Areas of Tehran	Ziyaeyan M., Roostae M.H., Shahrabadi M., Ravanshad M., Soleimanjahi H	<i>10th International Cong. Of Infect. DIS., Singapore 2002</i>
Application of passive hemagglutination in comparison with virus neutralization test to detect and measure antibodies against HSV-1	Nejati M., Roustae M.H. , Soleimanjahi H. Sabahi F., Zandi K., Faghieh zadeh	<i>1st Iraninan Congress on Virology 2002</i>
Study of Effect of Eucalyptus Extract in Comparison with Acyclovir on HSV-1	Mohammad Hossein Zadeh H., , Roustae M.H., Soleimanjahi H., Sarrami Forooshani R	<i>." 1st Iraninan Congress on Virology 2000</i>
Development and application of ELISA for determination of Mumps virus antibody, compared with that of virus neutralization test	Ghadeiani F., Roustae M.H. Bamdad T., Sabahi F., Soleimanjahi H	<i>1st Iraninan Congress on Virology 2002</i>
Virological and Seroepidemiological Pattern of HSV-1 & 2 Infections among Pregnant Women in Three Areas of	Ziyaeyan M., Roostae M.H., Shahrabadi M., Ravanshad M., Soleimanjahi	<i>1st Iraninan Congress on Virology 2002</i>

Tehran		
Development of Enzyme-Linked Immunosorbent Assay for Immunoglobulin M (IgM)Antibodies to Measles Virus	Roodbari F.,Roustae M.H.,Mostafaie A., Sabahi F. Soleimanjahi H	<i>1st Iraninan Congress on Virology 2002</i>
Detection and titration of haemagglutination inhibition antibodies against PI3 virus in sera treated with kaolin and heparin	Astani A., Roustae M.H., Soleimanjahi H., Bamdad T., Kazemnejad A	<i>1st Iraninan Congress on Virology, 2002</i>
Development and application of ELISA to detect and measure human HSV-1 IgM	Ravanshad M.,Roustae M.H.,Mostafae A., ,Sabahi F. Ziyaeyan M., Soleimanjahi H	<i>1st Iraninan Congress on Virology, 2002</i>
Construction of expression strain of Pichia Pastoris – Heptitis Be Ag	Jahanshiri F., Roohvand F., Soleimanjahi H., Amini S	<i>1st Iraninan Congress on Virology, 2002</i>
In Vitro DNA Transfer into Mammalian cells by Dendrosomes	Sadeghizadeh M.,Zolfaghari A.,Soleimanjahi H.,Sarboloki S	<i>Biotech. &amp; Bioph. Cong.2000</i>
Application of ELISA in order to detect IgG antibodies against HSV-1	Nizmand H., Sabahi F., Mostaffae A., Roustae M.H., Soleimanjahi H	<i>5th Immun. Cong.1999</i>
Application of ELISA for detecting and measuring Rubella virus antibodies in comparison with hemagglutination inhibition test (HI)	Azizollahi B, Roustae M.H., ., Malekaneh M. Soleimanjahi H	<i>5th Immun. Cong.1999</i>

Assessment of antibody level of antiviruses of poliomyelitis types 1, 2, and 3 in children under 5 years of west-Azerbaijan after holding of the 3rd national immunization days (NIDs) program in Iran.	Golizadeh M.R., Salari Sh., Roostae M.H., Soleimanjahi H	<i>Iranian 12th Ped. Infec. Dis. Conf. Spring 1999</i>
Seroprevalence of measles virus antibodies in vaccinated population in Iran	Khodabandeh Loo M., Sabahi F., Soleimanjahi H., Kazemnejad A., Roustae M.H	<i>Iranian 12th Ped. Infec. Dis. Conf. Spring 1999</i>
Humoral immunity in two groups of Iranian children after administration of two supplemental doses of oral poliovirus vaccine on NID	Roustae M.H., Soleimanjahi H., Gholizadeh M.R	<i>8th International Congress on Infect DIS. Boston. USA. 1998</i>
Techniques for measuring Rubella antibodies	Roustae M.H., Soleimanjahi H., Bamdad T., Fotohi F	<i>, Pakistan Society for Microbiology 1997</i>
Development of plaque reduction test and ELISA for detecting Measles antibodies	Roustae M.H., Sharifee Z., Mogim Sh. Soleimanjahi H	<i>4th Biochem. Cong. Spring 1996</i>
Application of Dot Immunobinding assay using Measles antigens for Detection and Titration of Antibodies	Fotohi F., Roustae M.H., Khabiri A.R., Soleimanjahi H., Malekane M	<i>4th Biochem. Cong. Spring 1996</i>

Application of DIA in order to detect Rubella antibodies."	Bamdad T., Roustae M.H., Soleimanjahi H., Mallekaneh M	<i>4th Biochem. Cong. Spring 1996</i>
Application of VNT for detecting antibody levels against polioviruses in cord blood	Soleimanjahi H., Roustae M.H	<i>4th Biochem. Cong. Spring 1994.</i>

## 6. Books and Chapters

1. [The Function of DNA and RNA Nanovaccines in the Treatment of Cancer.](#) In: Cancer Nanotechnology. Springer, Cham, 2023. 229-252. **Soleimanjahi, Hoorieh**, and Seyed-Mahmood Seyed-Khorrami.
2. **Encyclopedia: Papillomaviruses: Basic General, Molecular, Clinical and Immune Evasion Mechanisms**, Reference Module in Biomedical Sciences 23 June 2021, **Hoorieh Soleimanjahi** and Ala Habibian.
3. **Encyclopedia: Reovirus and Rotaviruses: Basic General, Molecular, Clinical, and Application Features**, Reference Module in Biomedical Sciences, Elsevier, 2021, **Hoorieh Soleimanjahi**, Fatemeh Hosseini Heydarabadi,
4. **Hoorieh Soleimanjahi** and Ala Habibian, [Novel Anti-angiogenic Strategies in Cancer Drug Development, chapter 4, Anti-Angiogenesis Drug Discovery and Development](#), 2020, Vol. 5, 125-151.
5. **Hoorieh Soleimanjahi**, Abdoli A, [Role of Chaperone Mediated Autophagy in Viral Infections](#), DOI:[10.1007/978-3-030-02254-9\\_7-20-2019](#).
6. **Soleimanjahi H, et al**, [Emerging disease in Coronaviruses , COVID-19](#), Tarbiat Modares University Press, Tehran, Iran 2020
7. **Soleimanjahi H, et al**, [Coronavirus” From Common Cold to Emerging Viruses SARS-CoV2 and” COVID-19”](#), online published” <http://www.modares.ac.ir/uploads/Pr.News.981229.7.pdf>
8. Hashempoor T, **Soleimanjahi H**, Motamedifar M, Moatari A, [Biosafety in laboratory Sciences](#). Shiraz Medical University Press, Shiraz, Iran, (in Persian).
9. **Soleimanjahi H**, Ghaderi M. [Medical Molecular Virology](#). Vol 1, Tarbiat Modares University Press, Tehran, Iran, 2013 (in Persian).
10. **Soleimanjahi H**, Ghaderi M. [Medical Molecular Virology](#), Vol 2, Tarbiat Modares University Press, Tehran, Iran, 2013 (in Persian).
11. **Soleimanjahi H**, Fotouhi F. [Baculovirus Expression Vector Systems](#). Jahad daneshgahi Press, Tehran, Iran, 2010 (in Persian).
12. **Soleimanjahi H**, et al. [Cloning and Expression systems](#). Tarbiat Modares University Press, Tehran, Iran, 2007 (in Persian).



## **7. Employment History**

*1991-1994* M.Sc. in Virology, Tarbiat Modares University, Tehran, Iran

*1994-1998* Teaching assistant, Medical Virology, Tarbiat Modares University, Tehran,

*2009-2014* Head of Medical Virology Dept. Tarbiat Modares University, Tehran, Iran.

*1998-2020* Academic Staff at Tarbiat Modares University, Tehran, Iran.

*2016-2020* Head of Medical Virology Dept. Tarbiat Modares University, Tehran, Iran.

## **8. Scientific Skills:**

### **Classical Virology Techniques**

Insect & Eukaryotic cell cultures, Virus cultivation and titration (TCID<sub>50</sub>, PFU), Serum neutralization test, HemAgglutination, Hem Adsorption.

### **Molecular Virology Techniques**

Gene cloning, Transfection, RNA /DNA Extraction and Purification, PCR/RT-PCR, production of recombinant baculovirus, expression of recombinant protein, blotting, Protein - DNA interaction,

### **Immunological Techniques**

Immunofluorescence, ELISA, SDS-PAGE, Western blotting. DIA, affinity and ion exchange chromatography, work with experimental model animals

Mesenchymal Stem Cell loading oncolytic virus tech.

## 9. Research Interest:

1	Application of Oncolytic Viruses in cancer therapy
2	Enhancement of recombinant vaccine efficacy
3	Mesenchymal Stem Cells as a carrier for oncolytic viruses
4	DNA vaccine
5	Stem cells therapy
6	Exosome therapy for infectious disease and cancer
7	Cancer therapy
8	Papillomavirus
9	Molecular Diagnostic test such as PCR, Loop-Mediated Isothermal Amplification, Real time PCR, and Virus Isolation for the Detection of HSV1 & HSV2 and CMV.
10	The evaluation of vaccine effectiveness
11	Application of HSPs in enhancement of an anti-cancer therapeutic vaccine

## 10. Awards and Honors:

1. Award winner of the 3rd National Festival on Women and Science (Maryam Mirzakhani festival), 2020
2. Award winner of the 4<sup>th</sup> Razi Research Festival on Medical Sciences Second Place", 1998-1999.
3. Award winner of the 4<sup>th</sup> Razi Research Festival on Medical Sciences Second Place in young researchers", 1998-1999.
4. Award winner in Laboratory Day.
5. More than 5 times as a distinguished faculty member in TMU.