

CURRICULUM VITAE

• **Personal Background:**

Name: Somayeh Shokri

Date of Birth: 13-08-1986

Sex: Female

Marital Status: Married

Address: Department of Medical Virology, Faculty of Medicine, Hamadan University of medical Science

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• **Current Position:**

- Associate Professor of Medical Virology, Department of Medical Virology, School of Medicine, Hamadan University of Medical Sciences, Hamadan, Iran

• **Education:**

- **Ph.D degree:** Medical Virology Ahvaz University of Medical Sciences, 2015-2021
- **Master degree:** Medical Virology, Razi Vaccine and Serum Research institute, 2011- 2014
- **Bachelor:** Clinical Laboratory Science, Esfahan University of Medical Sciences, Iran, 2009-2011
- **Technician Degree** in Clinical Laboratory Science, Zanjan University of Medical Sciences, Iran, 2005-2007

• **Thesis:**

- **MSc Thesis Title:** Evaluation of the thermal stability of live-attenuated Rubella vaccine (Takahashi strain) formulated and lyophilized in different stabilizers
- **PhD Thesis Title:** Design of DNA-based vaccine encoding L1 capsid protein of HPV-18 virus linked to Flic adjuvant and evaluation of Immunogenicity in Balb/c mice.

• **Publication:**

1. Mortazavi Y, Sheikhsaran F, Khamisipour GK, Soleimani M, Teimuri A, **Shokri S**. The evaluation

of nerve growth factor over expression on neural lineage specific genes in human mesenchymal stem cells. *Cell Journal (Yakhteh) (Q3)*. 2016 Jul; 18(2):189.

2. **Shokri S**, Shahkarami MK, Shafyi A, Mohammadi A, Esna-ashari F, Hamta A. Evaluation of Seroconversion in Guinea Pigs Following Inoculation of New Formulations of Rubella Vaccine. *Iranian Journal of Virology*. 2013 Sep 15; 7(3):12-6.
3. **Shokri S**, Mahmoudvand S, Taherkhani R, Farshadpour F. Modulation of the immune response by Middle East respiratory syndrome coronavirus. *Journal of cellular physiology (Q1)*. 2019 Mar; 234(3):2143-51.
4. Samiei RN, **Shokri S**, Mahmoudvand S, Makvandi M, Shahbazian H, Shayanpur S, Nowrozi S, Nejad KH. Occult hepatitis B virus infection among hemodialysis patients. *Journal of Biological Research-Bollettino della Società Italiana di Biologia Sperimentale*. 2018 Aug 10; 91(1).
5. **Shokri S**. Real-time PCR and pp65-antigen test for monitoring human cytomegalovirus infection in kidney transplant patients. *Archives of Medical Laboratory Sciences*. 2017 Sep 30; 3(3).
6. Mahmoudvand S, **Shokri S**, Taherkhani R, Farshadpour F. Hepatitis C virus core protein modulates several signaling pathways involved in hepatocellular carcinoma. *World journal of gastroenterology (Q1)*. 2019 Jan 7; 25(1):42.
7. **Shokri S**, Shahkarami MK, Shafyi A, Mohammadi A, Esna-ashari F, Hamta A. Evaluation of the thermal stability of live-attenuated Rubella vaccine (Takahashi strain) formulated and lyophilized in different stabilizers. *Journal of virological methods (Q3)*. 2019 Feb 1; 264:18-22.
8. Samiei RN, Mahmoudvand S, **Shokri S**, Makvandi M, Shahbazian H, Pirmoradi R, Shayanpur S, Makvandi K, Nowrozi S. The frequency of Epstein-Barr virus among hemodialysis patients, Ahvaz, Iran. *Iranian journal of microbiology*. 2019 Feb; 11(1):75.
9. **Shokri S**, Mahmoudvand S, Taherkhani R, Farshadpour F, Jalalian FA. Complexity on modulation of NF- κ B pathways by hepatitis B and C: A double-edged sword in hepatocarcinogenesis. *Journal of cellular physiology (Q1)*. 2019 Feb 11.
10. Shahab Mahmoudvand, Mohammad Kord, Neda Pirbonyeh, Afagh Moattari¹, **Somayeh Shokri**, Kamiar Zomorodian. Molecular Detection of Adenoviruses in the Sinus Tissues of Patient by Nested-PCR in Shiraz, Southwest Iran. *International Journal of Medical Laboratory* 2019;6 (3):192-198.
11. Shahab Mahmoudvand, **Somayeh Shokri**, Rahil Nahid-Samiei, Gholam-Abbas Kaydani, Manoochehr Makvandi, Shahram Jalilian, Heshmatollah Shahbazian, Shokouh Shayanpour, Kimia Makvandi, Roya Pirmoradi. Dominance of Variant Human Herpesvirus 6A Among Hemodialysis Patients, Ahvaz, Iran. *Iranian Journal of Kidney Diseases (Q3)*. 2019 Nov 1; 13(6).
12. **Somayeh Shokri**, Shahab Mahmoudvand, Manoochehr Makvandi, Toran Shahani, Ali Samadi, Heshmatollah Shahbazian. Prevalence of human herpesvirus 8 infection in patients undergoing hemodialysis using nested-PCR. *Journal of Acute Disease*. 2019; 8(6):250

13. Shahab Mahmoudvand, **Somayeh Shokri**, Azarakhsh Azaran, Seyed Saeid Seyedian, Manoochehr Makvandi, Habibollah Mirzaei, Sheida Behzadi Sheikhrobat. Seronegative Occult Hepatitis C Infection among Hemodialysis Patients: A Prevalence Study. *Therapeutic Apheresis and Dialysis*. 2021 Apr; 25(2):218-24
14. Shahab Mahmoudvand, **Somayeh Shokri**, Habibollah Mirzaei, Manoochehr Makvandi, Ali Teimoori, Niloofar Neisi, Roya Pirmoradi Study on the prevalence of occult hepatitis B virus infection in patients undergoing hemodialysis. *Acta Medica Iranica*. 2020 Jul 28:177-82
15. Shahab Mahmoudvand, **Somayeh Shokri (Corresponding author)**. Interactions between SARS coronavirus 2 papain-like protease and immune system: a potential drug target for the treatment of COVID-19. *Scandinavian Journal of Immunology*. 2021 Apr 19:e 13044.
16. Shahab Mahmoudvand, **Somayeh Shokri**, Manoochehr Makvandi, Reza Taherkhani, Mohammad Rashno, Farid Azizi Jalilian, Kambiz Ahmadi Angali. In silico prediction of T-cell and B-cell epitopes of human papillomavirus type 16 L1 protein. *Biotechnology and Applied Biochemistry* (2021); 1–12.
17. **Somayeh Shokri**, Shahab Mahmoudvand, Manoochehr Makvandi, Reza Taherkhani, Mohammad Rashno, Farid Azizi Jalilian, Kambiz Ahmadi Angali, Mohammad Ali Foroughi. Designing of DNA Vaccine Based on a Secretory form of major capsid protein of Human Papillomavirus type 18. *Iran J Allergy Asthma Immunol*:1-12.
18. Mina Mobini Kesheh, Shahab Mahmoudvand, **Somayeh Shokri (Corresponding author)**. Long noncoding RNAs in respiratory viruses: A review. *Reviews in medical virology*, 2021;e 2275.
19. Shahab Mahmoudvand, **Somayeh Shokri**, Habibollah Mirzaei, Ali Ramazani, Manoochehr Makvandi, Nilofar Neisi, Sayed Jalal Hashemi. Frequency of Hepatitis B Virus infection among Patients before Chemotherapy Treatment: *Asian Pac J Cancer Prev*, 22 (9), 2939-2944
20. 21. **Shokri S**, Mahmoudvand S. The possibility of hepatitis C reactivation in COVID-19 patients treated with corticosteroids. *Annals of Hepatology*. 2022 Apr:100704. DOI: 10.1016/j.aohep.2022.100704.
21. Makvandi M, Noormandi Pour S, Teimoori A, **Shokri S**, Mahmoudvand S, Biparva Haghighi S, Rajaei E. Frequency of Hepatitis B Markers in Systemic Lupus Erythematosus Patients in Iran. *Asian Pac J Cancer Prev*. 2022;1(23):1921-1926. doi: 10.31557/APJCP.2022.23.6.1921.
22. Zandi M, **Shokri S (co-first)**, Mahmoudvand S, Hosseinzadeh Adli A, Mohammadi R, Haddadi A. Interplay between Cellular Metabolism and DNA viruses. *J Medical Virology*.2022. doi.org/10.1002/jmv.28018.
23. Mahmoudvand S, **Shokri S (Corresponding author)**. Effect of Lactate on Epigenetic Regulation in the Development of Hepatitis B Virus-related Hepatocellular Carcinoma. *Journal of Clinical and Translational Hepatology*. 2022. doi: 10.14218/JCTH.2022.00274.

24. Mahmoudvand S, **Shokri S**, Nakhaie M, Azizi Jalilian F, Mehri-Ghahfarrokhi A, Yarani R, Shojaeian A. Small extracellular vesicles as key players in cancer development caused by human oncogenic viruses. *Infectious Agents and Cancer*.2022;17(1):1-16.
25. Habibollah Mirzaei, Azarakhsh Azaran, Shahab Mahmoudvand, **Somayeh Shokri**, Shaharam Bagheri, Ali Ramezani, Shahram Jalilian. Prevalence of Epstein-Barr virus (EBV) among patients with oral squamous cell carcinoma from Ahvaz, Iran: a case-control study. *Archives of Razi Institute*. 2023;78(5):1495-1502.
26. Zahra Iman Dust, Nastaran Saadat, Iman Owliaee, Shahab Mahmoudvand, **Somayeh Shokri**, Hossein Vakilmofrad, Farid Azizi Jalilian. The role of Honeysuckle-derived microRNA2911 in control of viral infections. *Journal of Current Biomedical Reports*. 2023;4(2):1-5.
27. Ali Shojaeian , Mohsen Nakhaie , Zahra Sobhi Amjad , Armin Khaghani Boroujeni , **Somayeh Shokri S (Corresponding author)**, Shahab Mahmoudvand. Leveraging metformin to combat hepatocellular carcinoma: its therapeutic promise against hepatitis viral infections. *J Cancer Metastasis Treat* 2024;10:5.
28. Sheida Behzadi Sheikhrobat, Shahab Mahmoudvand, Salva Kazemipour-Khabbazi, Zahra Ramezannia, Hossein Bannazadeh Baghi, **Somayeh Shokri (Corresponding author)**. Understanding lactate in the development of Hepatitis B virus-related hepatocellular carcinoma. *Infect Agent Cancer*. 2024;19(1):31.
29. Saba Mokari, Farid Azizi Jalilian, **Somayeh Shokri**, Ali teimoori, Shahab Mahmoudvand. Isolation and characterization of lytic bacteriophages against antibiotic-resistant *Klebsiella pneumoniae* from wastewater samples. *Archives of Razi Institute*. Articles in Press. DOI: 10.22092/ARI.2024.367592.3408.
30. Shahab Mahmoudvand, Sheida Behzadi Sheikhrobat, **Somayeh Shokri (Corresponding author)**, Hossein Bannazadeh Baghi. From Immunity to Oncology: Itaconic Acid as a Driver in HBV-Induced HCC. *J Cell Mol Med*. 2025; 29(12):e70612.

• **Chapter Book:**

- Epigenetic Regulation in the Development of Hepatitis B Virus-Related Hepatocellular Carcinoma. Shahab Mahmoudvand, Zahra Ramezannia, Arastoo Kaki, Somayeh Shokri in: IntechOpen, 2024 DOI: 10.5772/intechopen.1005972.

Presentation:

A. Oral

- 2022: **Oral presentation** entitled Designing of DNA Vaccine Based on a Secretory form of major capsid protein of Human Papillomavirus type 18, 13th International Congress of Medical

Lab and Clinic, Tehran, Iran.

- 2024: **Oral presentation** entitled Prevalence of human herpesvirus 8 infection in patients undergoing hemodialysis using nested-PCR, 16th International Congress of Medical Lab and Clinic, Tehran, Iran.

B. Poster

- 2011: **Poster presentation** entitled Razi Vaccine and Serum Research Institute researchers' experiences on Ethics in Research with Laboratory Animals, The 2th Annual Congress of Medical Ethics, Esfahan, Iran.
- 2. 2015: **Poster presentation** entitled Investigation of the Interventional Transferability of Bovine Rotaviruses, the 4th National Congress of Enteric Pathogen, Karaj, Iran.
- 3. 2015: **Poster presentation** entitled Evaluation of Seroconversion in Guinea Pigs Following Inoculation of New Formulation of Rubella Vaccine, 1st Conference of Clinical Virology, Tehran, Iran.
- 4. 2018: **Poster presentation** entitled HPV Vaccines: An Updated Review, Eighth Annual Congress of Iranian Association of Women's Cancer, Tehran, Iran.
- 5. 2017: **Poster presentation** entitled Real-time PCR and pp65-antigen test for monitoring Human cytomegalovirus infection in kidney transplant patients, Tehran, Iran, 11th International Congress of Clinical Microbiology, Shiraz, Iran.
- 6. 2018: **Poster presentation** entitled Evaluation of the thermal stability of live-attenuated rubella vaccine (TAKAHASHI strain) lyophilized in different stabilizers, 4th Student Research Congress of the South West Region, Abadan, Iran.
- 7. 2018: **Poster presentation** entitled Prevalence of Hepatitis C virus (HCV), Hepatitis B virus (HBV) and Hepatitis E virus (HEV) as causes of acute viral hepatitis among general population in Iran, 4th Student Research Congress of the South West Region, Abadan, Iran.
- 8. 2019: **Poster presentation** entitled Frequency of Epstein-Barr virus among Hemodialysis Patients, Ahvaz, Iran, 13th Professor Alborzi International Congress of Clinical Microbiology, Shiraz-Iran.
- 9. 2019: **Poster presentation** entitled Occult Hepatitis B Virus Infection among Hemodialysis Patients, 13th Professor Alborzi International Congress of Clinical Microbiology, Shiraz-Iran.
- 10. 2019: **Poster presentation** entitled Dominance of human herpesvirus 6 variant A among hemodialysis patients, Ahvaz, Iran, 12th International Congress of Medical Lab and Clinic, Tehran, Iran.
- 11. 2019: **Poster presentation** entitled Complexity on modulation of NF-κB pathways by hepatitis B and C: A double-edged sword in hepatocarcinogenesis, 12th International Congress of Medical Lab and Clinic, Tehran, Iran.

- 12. 2019: **Poster presentation** entitled Hepatitis C virus core protein modulates several signaling pathways involved in hepatocellular carcinoma, 12th International Congress of Medical Lab and Clinic, Tehran, Iran.

• **Awards and Honors:**

• **Technical Skills**

- Techniques in DNA vaccine studies
- Recombinant Protein Expression and Purification
- Gene Cloning & Sub-cloning
- Primer Designing
- PCR & RT-PCR& Real time PCR
- Cell Culture Technique
- ELISA Kit Setting up
- Eli spot and cytokine assay
- MTT Cell Proliferation Assay
- SDS-PAGE Electrophoresis
- Immunoblotting
- Diagnosis serological test (NT, CFT, HI, IFT, ELISA, ...)
- Animal laboratory handling (Mouse, Guinea pig)
- Plaque assay
- Clinical Laboratory Medicine (Virology, Biochemistry, Immunology, Bacteriology, Mycology,Parasitology).
- Bioinformatics Software programming (Vector NTI, Mega, Gene designer, Bioedit, Oligo 7, Snapgene, Primer 3, R software)
- Computer Software programming (End note, Mendeley, Microsoft office, SPSS, Excel)
- ImageJ software
- GraphPad prism

• **Research Interest**

- Clinical Epidemiology
- Vaccine
- Immunology
- Infectious Disease
- Cancer Biology
- Microbiology

• Research Project

- Evaluation of rs7041 & rs4588 of vitamin D-Binding Protein (DBP) gene Polymorphisms in patients with gastrointestinal cancers (19/3-3/547).
- Evaluation of the Relative Frequency of Epstein-Barr virus (EBV) in cancerous and non-cancerous oral tissue samples, Ahvaz. Ahvaz Jundishapur University of Medical Sciences (OG-9823).
- Investigation of the prevalence of HHV-8 infection among hemodialysis patients referred to Golestan Hospital, Ahvaz. Ahvaz Jundishapur University of Medical Sciences (97s41).
- Study effects of secretomes secreted by adipose mesenchymal stem cells on anaplastic thyroid carcinoma (C-643). Ahvaz Jundishapur University of Medical Sciences (98s38).
- Study on Occult Hepatitis C Virus Infection among hemodialysis patients referred to Golestan Hospital, Ahvaz. Ahvaz Jundishapur University of Medical Sciences (OG-9744).
- Study on Occult Hepatitis C Virus Infection among hemodialysis patients referred to Golestan Hospital, Ahvaz. Ahvaz Jundishapur University of Medical Sciences (OG-9744).
- Immunogenicity assessment of DNA-based vaccine encoding L1 protein of HPV-16 virus linked to signal sequences with TLR-5 ligand in Balb/c mice (OG-9719).
- Study on occult hepatitis Virus among the haemodialysis patients using Real-time PCR. Ahvaz Jundishapur University of Medical Sciences (OG-94129).
- Study on occult hepatitis Virus among the cancerous patients with chemotherapy patients using Real-time PCR. Ahvaz Jundishapur University of Medical Sciences (OG-94128).
- Clinical and molecular epidemiology of COVID-19 along with the production of 3 diagnostic elements about the circulating virus in Iran, a multicenter, national wide study (47534-427-1-99).
- Determination of expression level of tumor suppressor gene Phosphatase and tensin homolog (PTEN) in patients with chronic hepatitis B compared with control group (140105113498).
- Evaluation of expression level of tumor suppressor gene Phosphatase and tensin homolog (PTEN) in patients with chronic hepatitis C compared with control group (140105113510).
- Using the immunoinformatics method to design a multi-epitope vaccine against Crimean-Congo haemorrhagic fever virus (140107266149).
- Investigating the effect of NBS supplement on inflammatory laboratory parameters and its effect on the mortality rate of patients with covid-19 in Mashhad (140304193299).
- Isoation of lytic bacteriophages against clinical strains of antibiotic-resistant *Klebsiella pneumoniae* from wastewater samples of Hamedan province in 2023 (140207045345).
- The survey of the presence of lytic bacteriophages against clinical isolates of antibiotic-

resistant *Acinetobacter baumannii* in wastewater samples of Hamedan province in 2023 (140207045532).

- Investigation of gene expression of Farnesyltransferase and Geranylgeranyl transferase I and II in multiple sclerosis patients compared to normal group (140303081805).
- Investigating the presence of Torque Teno Virus (TTV) in cervical samples of women infected with human papillomavirus (HPV) compared to the control group (140308157021).
- Understanding Lactate in the Development of Hepatitis B Virus-related Hepatocellular Carcinoma (14040126496).
- Design and Evaluation of Real-Time PCR for Molecular Diagnosis of Hepatitis C Virus (14040119357).
- From Immunity to Oncology: Itaconic Acid as a Driver in HBV-Induced HCC (140403202434).

• **Participation in Workshops**

- 2005: Preliminary Research Method, Zanjan University of Medical Sciences, Iran.
- 2011: Questionnaire Design, Isfahan University of Medical Sciences, Iran.
- 2011: EndNote Software, Isfahan University of Medical Sciences, Iran
- 2011: Descriptive Meta-analysis, Isfahan University of Medical Sciences, Iran.
- 2015: Real Time PCR, Tarbiat Modares University, Iran.
- 2015: Western Blotting and SDS page, Tarbiat Modares University, Iran
- 2016: Biosafety and Biosecurity in Medical Laboratory, Diagnosis and Production in view of Virology, Tehran University of Medical Sciences, Iran.
- 2016: Real Time PCR, Ahvaz University of Medical Sciences, Iran.
- 2017: PCR Primer design, Ahvaz University of Medical Sciences, Iran.
- 2017: Information searching on the Internet, Ahvaz University of Medical Sciences, Iran.
- 2017: Basic and advanced SPSS, Ahvaz University of Medical Sciences, Iran.
- 2017: Mendely software, Ahvaz University of Medical Sciences, Iran.
- 2017: EndNote software, Ahvaz University of Medical Sciences, Iran.
- 2017: Office Professional, Ahvaz University of Medical Sciences, Iran.
- 2017: Up to date, Ahvaz University of Medical Sciences, Iran.
- 2017: English Article Writing, Ahvaz University of Medical Sciences, Iran.
- 2018: Narrative literature review articles, Ahvaz University of Medical Sciences, Iran.
- 2019: Ethical Guidelines for the Use of Animals in Research, Ahvaz University of Medical Sciences, Iran.

- 2019: Nucleotide Sequences Analysis (Single Locus Phylogeny Method), Shahid Chamran University of Ahvaz, Iran.
- 2019: How to Referee a Scientific Paper and Open access journals, Ahvaz University of Medical Sciences, Iran.
- 2019: STATA and Meta-analysis, Ahvaz University of Medical Sciences, Iran.
- 2019: Real Time Primer Design, Ahvaz University of Medical Sciences, Iran.
- 2020: Designing of Enzyme-linked Immunosorbent Assay (ELISA) kit, Ahvaz University of Medical Sciences, Iran.
- 2020: Western Blotting, Ahvaz University of Medical Sciences, Iran.
- 2020: Principles of Cloning, Ahvaz University of Medical Sciences, Iran.
- 2021: Conflict of interest, Ahvaz University of Medical Sciences, Iran.
- 2021: Writing a review article, Ahvaz University of Medical Sciences, Iran.
- 2021: Writing a original article, Ahvaz University of Medical Sciences, Iran.
- 2021: Cell culture, Ahvaz University of Medical Sciences, Iran.
- 2021: Flow cytometry, Ahvaz University of Medical Sciences, Iran.
- 2022, Biomedical Application of Gold Nanoparticles, Hamadan University of Medical Sciences, Iran.
- 2022, German-Iranian Research Funding Opportunities, Hamadan University of Medical Sciences, Iran.
- 2022: Advanced Research Method, Abadan University of Medical Sciences, Iran.
- 2023: The role of laboratory diagnosis in the identification of covid-19 patients, Golestan University of Medical Sciences.

• **Participation in conference**

- 2011: Training course on Tumor markers, Gorgan, Iran.
- 2013: Training course on Laboratory documentation and standardization, Tehran, Iran.
- 2013: Training course on Blood and blood products and blood care system under the supervision of Blood Transfusion Organization, Tehran, Iran.
- 2013: Participation in Scientific lecture of Iranian virology society, Tehran, Iran.
- 2013: Training course on Blood transfusion plan and legal and ethical issues and related problems, Tehran, Iran.
- 2014: Participation in Polio eradication program, Tehran, Iran.
- 2016: Training course on Hematology under the supervision of Darvash Company, Tehran, Iran.
- 2020: Training course on Laboratory findings in Covid patients 19, Kordestan, Iran.

- 2021: Training course on SARS-CoV-2 vaccines, the platform of available formulas, Tehran, Iran.
- 2021: Training course on Microscopic findings Covid 19, Ahvaz, Iran.
- 2021: Training course on Covid 19 immunity, Mazandaran, Iran.
- 2024: Training course on HPV infection, Hamadan, Iran.

• **Participation in congresses**

- 2011: Member of the Scientific and Executive Committee of the Annual Research Congress of Medical Students, Isfahan, Iran.
- 2011: Attending the International Congress on Hepatitis, Tehran, Iran.
- 2015: Attending the 13th National Congress on Quality Improvement in Clinical Laboratories, Tehran, Iran.
- 2019: Attending the 13th professor Alborzi international congress of clinical microbiology, Shiraz, Iran.
- 2019: Attending the 5th congress of student research committee of Rafsanjan University of medical sciences, Rafsanjani, Iran as a reviewer.
- 2020: Attending the latest scientific findings of the Coronavirus disease, Zanjan, Iran.
- 2022: Attending the 13th International Congress of Medical Lab and Clinic, Tehran, Iran.
- 2024: Attending the 16th International Congress of Medical Lab and Clinic, Tehran, Iran.

• **Gene Records in GenBank (NCBI)**

- GenBank: MK086134.1 Human betaherpesvirus 6 isolate Ahvaz1 immediate early protein IE1 gene, partial cds.
- GenBank: MK086135.1 Human betaherpesvirus 6 isolate Ahvaz2 immediate early protein IE1 gene, partial cds.
- GenBank: MK086136.1 Human betaherpesvirus 6 isolate Ahvaz3 immediate early protein IE1 gene, partial cds.
- GenBank: MK086137.1 Human betaherpesvirus 6 isolate Ahvaz4 immediate early protein IE1 gene, partial cds.
- GenBank: MK886714.1. Hepatitis B virus isolate ada12 S protein (S) gene, partial cds.
- GenBank: MK886715.1. Hepatitis B virus isolate ada25 S protein (S) gene, partial cds.
- GenBank: MK886716.1. Hepatitis B virus isolate adf28 S protein (S) gene, partial cds.
- GenBank: MK886717.1. Hepatitis B virus isolate adf35 S protein (S) gene, partial cds.
- GenBank: MN966561. Major capsid protein L1 [Human papillomavirus type 16], isolate

Ahvaz 1.

- GenBank: MN966562. Major capsid protein L1 [Human papillomavirus type 16], isolate Ahvaz 2.
- GenBank: MN966563. Major capsid protein L1 [Human papillomavirus type 16], isolate Ahvaz 9.
- GenBank: MN966564. Major capsid protein L1 [Human papillomavirus type 16], isolate Ahvaz 11.
- GenBank: MN966560. Major capsid protein L1 [Human papillomavirus type 16], isolate Ahvaz 15.
- GenBank: MN958678. Hepatitis C virus, subtype 3a, isolate Ahvaz HCV6, 5' UTR, partial cdc.
- GenBank: MN958679. Hepatitis C virus, subtype 3a, isolate Ahvaz HCV9, 5' UTR, partial cdc.
- GenBank: MN958680. Hepatitis C virus, subtype 3a, isolate Ahvaz HCV52, 5' UTR, partial cdc.
- GenBank: MN958681. Hepatitis C virus, subtype 3a, isolate Ahvaz HCV53, 5' UTR, partial cdc.
- GenBank: MN958682. Hepatitis C virus, subtype 3a, isolate Ahvaz HCV73, 5' UTR, partial cdc.
- GenBank: MN958683. Hepatitis C virus, subtype 3a, isolate Ahvaz HCV84, 5' UTR, partial cdc.
- GenBank: MN531572. Hepatitis B virus S gene, partial cds.
- GenBank: MN531573. Hepatitis B virus S gene, partial cds.
- GenBank: MN531574. Hepatitis B virus S gene, partial cds.
- GenBank: MN531575. Hepatitis B virus S gene, partial cds.

• **Membership**

- Editorial Team of Current Biomedical Reports
- Associate Editor in Vaccines & Vaccination Open Access (VVOA)
- Reviewer of Viral Immunology
- Reviewer of Journal of Medical Virology
- Reviewer of International Immunopharmacology
- Reviewer of International Journal of Infectious Diseases
- Reviewer of Journal of Clinical Laboratory Analysis
- Reviewer of Health Science Reports
- Reviewer of Clinical Microbiology and infection

- Member of the world society for virology (WSV)
- Member of Iranian Society of Virology (ISV)

• **Work Experience**

- November 2007- September 2008: Medical Diagnostic Laboratory, Jolfa Health Center, Tabriz, Iran
- **April 2012- April 2016:** Supervisor of medical laboratory, Iran Mehr Hospital, Tehran, Iran.
- **April 2016- March 2017:** Medical Diagnostic Laboratory, Pasteur Medical Diagnostic Laboratory, Ahvaz, Iran.
- **April 13, 2020 - June 20, 2020:** Coronavirus laboratory, Shafa Hospital, Ahvaz, Iran
- **September 22, 2020- August 23, 2022:** Coronavirus laboratory and Molecular Diagnostics, Day laboratory, Hamadan, Iran
- **August 23, 2022-up to now:** Department of Medical Virology, Faculty of Medicine, Hamadan University of Medical Science

• **Other**

- 2014: The lecture course “Viral liver diseases and its diagnostic assays”. Iranmehr Hospital, Tehran, Iran

• **Reference**

- Dr. Manoocher Makvandi, **Virology Dept., Director, Ahvaz Jundishapur University of Medical Sciences,** Ahvaz, Iran. Tel: +986113738313 and +989166181683. Email:manoochehrmakvandi29@yahoo.com
- Dr. Mohammad kazem Shahkarami, Medical virologist at Razi Vaccine and Serum Research institute and **Head of mumps vaccine production lab,** Karaj, Iran, Tel: +989123338916. Email: shahkarami961@yahoo.com
- Ms. Mitra Solgi, **Supervisor of Laboratory of Iranmehr Hospital,** Gholhak, Tehran, Iran, Tel: +989122790659
- Dr. Farid Azizi Jalilian, **Virology Dept., Director,** Hamadan University of Medical Sciences, Hamadan, Iran. Tel: +989180189029. Email: azizifarid@gmail.com

Declaration: I hereby declare that the particulars furnished herein by me are true to the best of my knowledge and belief.

Date: 19 July, 2025

Somayeh Shokri