



PERSONAL DATA

Name: Reza Taherkhani
Date of Birth: 13May, 1980
Place of Birth: Tehran
Nationality: Iranian
Marital status: married

Address Work: Department of Microbiology, School of Medicine ,Bushehr University of Medical Sciences, Moallem St., Bushehr, Iran

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ACADEMIC EDUCATION

-2010-2014 Ph.D. in Medical Virology, Ahwaz University of Medical Sciences, Ahwaz, IRAN

-2003-2006 M.Sc. in Medical Virology, Razi Vaccine and Serum Research Institute, Karaj, Alborz, IRAN

-2001-2003 BS in Bachelor of Laboratory Science, Urmia University, IRAN

-1999-2001 Technician Degree in Veterinary Medicine, Semnan University, IRAN

LANGUAGE SKILL

Persian

English

Current Positions

Assistant Professor, Department of Microbiology and Parasitology, Faculty of Medicine, Bushehr University of Medical Sciences, Bushehr, Iran

RESEARCH INTERESTS

- Recombinant protein and DNA vaccine studies
- Molecular epidemiology studies

MEMBERSHIP:

- **Editorial Board Member of Virology Research Journal** (2016 up to now)
<http://www.alliedacademies.org/virology-research/editors.php>
- **Editorial Board Member of virology and immunology journal** (2016 up to now)
<https://medwinpublishers.com/VIJ/editorial-board.php>
- **Scientific Committee Member of 7th Iranian Congress of Virology** 10-11 May 2017
- **Editorial Board Member of The open Microbiology journal** (2017 up to now)
<https://benthamopen.com/tomicroj/>
- **Editorial Board Member of Journal Plant Biotechnology Microbiology** (2017 up to now)
<http://www.alliedacademies.org/journal-plant-biotechnology-microbiology/>
- **Editorial Board Member of Journal Journal of Fungal Diversity** (2017 up to now)
<http://openaccesspub.org/journal/jfd/editorial-board>

- **Reviewer of**
 - 1) Reviewer of Journal of Evidence-Based Complementary & Alternative Medicine
 - 2) Reviewer of Journal of Medical Virology
 - 3) Reviewer of International Research Journal of Medicine and Medical Sciences
 - 4) Reviewer of Indian Journal of Microbiology Research
 - 5) Reviewer of International Research Journal of Medicine and Medical Sciences
 - 6) Reviewer of Medical microbiology and immunology
 - 7) Reviewer of Current Bioinformatics
 - 8) Reviewer of Virology and Immunology Journal

TECHNICAL SKILLS

- ✚ Techniques and Protocols in DNA vaccine studies
- ✚ Recombinant Protein Expression and Purification
- ✚ Gene Cloning & Sub-cloning
- ✚ PCR & RT-PCR
- ✚ Cell Culture Technique (Primary, Diploid, continuous)
- ✚ ELISA Kit Setting up
- ✚ Elispot and cytokine assay
- ✚ MTT Cell Proliferation Assay
- ✚ SDS-PAGE Electrophoresis
- ✚ Immunoblotting
- ✚ Diagnosis serological test (NT, CFT, HI, IFT, ELISA)
- ✚ Anti-Ig production and purification
- ✚ Chromatography (Size exclusion chromatography, Ion exchange and Affinity chromatography)
- ✚ Virus isolation by SPF eggs

- ✚ Animal laboratory handling (Mouse, rabbit, rat)
- ✚ Clinical Laboratory Medicine (Virology, Biochemistry, Immunology, Bacteriology, Mycology, Parasitology)
- ✚ Bioinformatics Software programming (Vector NTI, Mega4, Gene designer, Primer Designing, Primer3, Olygo, CloneWin (Clone manager), CLC Sequence viewer, ...)
- ✚ Computer Software programming (Microsoft office, End note, SPSS)

M.Sc. THESIS TITLE

- Development and Evaluation of Indirect Enzyme Linked Immunosorbent assay (ELISA) Based on gp125 viral capsid antigen for Diagnosis of Primary and Past EBV Infection.

Ph.D THESIS TITLE

- A preliminary evaluation of immune responses in BALB/c mice following administration DNA-based vaccine harboring truncated ORF2 of Hepatitis E virus capsid protein and TLR-5 ligand

TEACHING EXPERIENCES

- ✚ 2007-2009 Infectious diseases (BS.) in Educational central of Health and Remedy (NEZAJA)
- ✚ Teaching Medical Virology for BS. Students of Bachelor of Clinical Laboratory Science in Bushehr University of Medical Sciences from 2014 up to now.
- ✚ Teaching Practical Virology for BS students of Bachelor of Clinical Laboratory Science in Bushehr University of Medical Sciences from 2014 up to now.
- ✚ Teaching Medical Virology for MD students in Bushehr University of Medical Sciences from 2014 up to now.
- ✚ Teaching Medical Virology for MD students of Dental Science in Bushehr University of Medical Sciences from 2014 up to now.
- ✚ Teaching Virology for students of nursing from 2014 up to now.
- ✚ Teaching Virology for students of Obstetrics from 2014 up to now.
- ✚ Teaching Virology for students of Family Health from 2014 up to now.
- ✚ Teaching Virology for students of Environmental Health from 2014 up to now.
- ✚ Teaching Virology for students of Anesthesiology from 2014 up to now.
- ✚ Teaching Virology for students of Operation Room from 2014 up to now.
- ✚ Teaching Virology for students of Nutrition from 2014 up to now.
- ✚ Teaching Medical Virology for M.Sc. students of Medical Microbiology in Bushehr University of Medical Sciences from 2014 up to now.
- ✚ Teaching Practical Virology for M.Sc. students of Medical Microbiology in Bushehr University of Medical Sciences from 2014 up to now.
- ✚ Teaching Molecular Cell Biology (Basic) for M.Sc. students of Hematology in Bushehr University of Medical Sciences from 2015 up to now.
- ✚ Teaching Molecular Cell Biology (Advance) for M.Sc. students of Hematology in Bushehr University of Medical Sciences from 2015 up to now.

- Teaching Genetics of Microorganisms for M.Sc. students of Medical Microbiology in Bushehr University of Medical Sciences from 2016 up to now.
- Teaching Eukaryotic and Prokaryotic Molecular Cell Biology for M.Sc. students of Medical Microbiology in Bushehr University of Medical Sciences from 2016 up to now.

PROJECTS PERFORMED

- Development and evaluation of indirect enzyme linked immunosorbent assay (ELISA) to detect Epstein-Barr virus infection based on gp125 viral capsid antigen (finished and published).
- Performing a case-control study for determination the association between multiple sclerosis and infection with Epstein-Barr virus (finished and published).
- In vitro anti-rotavirus activity of *Achillea kellalensis* (finished and published).
- Antiviral Activity of *Holothuria* Sp. a Sea Cucumber against herpes Simplex Virus Type 1 (HSV-1) (finished and published).
- Determination of cytomegalovirus prevalence and glycoprotein B genotypes among ulcerative colitis patients in Ahvaz, Iran (finished and published).
- Development of Enzyme-Linked Immunosorbent Assays Using 2 Truncated ORF2 Proteins for Detection of IgG Antibodies Against Hepatitis E Virus (finished and published).
- Designing and construction of a high density multiepitope DNA construct from ORF-2 region of HEV capsid protein as a candidate vaccine and evaluation of it's characterizations in culture of peripheral blood mononuclear cells of the individuals with past HEV infection and those without previous exposure to this virus (finished and published).
- A preliminary evaluation of immune responses in BALB/c mice following administration DNA-based vaccine harboring truncated ORF2 of Hepatitis E Virus capsid protein and TLR-5 ligand (finished and partially published).
- Assessment of frequency of hepatitis C infection and its genotypes in patients with type 2 diabetes in Bushehr city, 1394-2015 (finished).
- Relative Frequency of Enteroviruses, Mumps Virus, Herpes Simplex Virus 1 and 2, Varicella-Zoster Virus and Cytomegalovirus Infection in Children Under 15 Years Old With Aseptic Meningitis Referred to Shohada Khalijefars Hospital in Bushehr, 2014-2015 (finished).
- Determination of relative frequency of herpes simplex virus type 2, Cytomegalovirus and evaluation genotypes in tissue samples of patients suffering from urinary bladder cancer in Bushehr province, 2010-2015 (finished).
- Determination of relative frequency of Epstein-Barr virus, Kaposi's sarcoma-associated herpesvirus and evaluation genotypes in tissue samples of patients suffering from urinary bladder cancer in Bushehr province, 2010-2015 (finished).
- Study on relative frequency of human papilloma viruses and genotype distributions in paraffin embedded tissues of bladder carcinoma patients from bushehr during 2010-2015 (finished).
- Study on relative frequency of human polyomavirus BK, and JC and genotype distributions in paraffin embedded tissues of bladder carcinoma patients from bushehr during 2010-2015 (finished).
- Investigation of frequency of transfusion-transmissible viral infections among blood donors in Bushehr Province 2004-2014 (finished).
- Assessment of frequency of hepatitis B infection and its genotypes in patients with type 2 diabetes in Bushehr city, 2015 (finished).

- Relative frequency of hepatitis E virus infection in pregnant woman in Bushehr province 2016 (finished).

PERFORMING PROJECTS

- Investigation of relative frequency of human papilloma virus and its genotypes among cervical biopsies with abnormal cytology from patients whom referred to Shohaday Khalije Fars hospital, 2011-2017 (In progress).
- Assessment of relative frequency of occult hepatitis B infection among hemodialysis patients in Bushehr province, 2017 (In progress).
- Assessment of Frequency of Occult Hepatitis B Infection and virus genotyping in Thalassemia Patients in Bushehr City, 2017 (In progress).
- Investigation of frequency of hepatitis C virus infection and virus genotyping in hemodialysis patients in Bushehr province, 2017 (In progress).
- Molecular Investigation and genotype determination of hepatitis C virus in thalassemia patients in Bushehr City, 2017 (In progress).
- Investigation of frequency of hepatitis E virus infection and virus genotyping in thalassemia patients in Bushehr City, 2017 (In progress).
- The investigation of sensibility and antimicrobial resistance of pathogenic agents of urinary tract infections among patients referred to medical centers of JAM city in 2016, (In progress).
- Investigation of relative frequency of human papilloma virus and its genotypes in tissue samples of women suffering from Breast Cancer whom referred to Shohaday Khalije Fars hospital, 2012-2018.
- Investigation of relative frequency of human papilloma virus and its genotypes in tissue samples of patients suffering from Colorectal Cancer whom referred to Shohaday Khalije Fars hospital, 2011-2018.
- Investigation of relative frequency of human papilloma virus and its genotypes in tissue samples of patients suffering from Esophageal Cancer whom referred to Shohaday Khalije Fars hospital, 2011-2018.
- Investigation of relative frequency of human papilloma virus and its genotypes in tissue samples of patients suffering from Lung Cancer whom referred to Shohaday Khalije Fars hospital, 2011-2018.
- Investigation of relative frequency of human papilloma virus and its genotypes in tissue samples of patients suffering from Prostate Cancer whom referred to Shohaday Khalije Fars hospital, 2011-2018.
- Molecular Evaluation of Hepatitis B virus Infection and Determination of HBV Genotypes and probable HBsAg mutations among Pregnant Women in Bushehr, 2017-2018.
- Seroepidemiological and Molecular Survey of Human Parvovirus B19 Infection among Pregnant Women in Bushehr, 2017-2018.
- Molecular Evaluation and Genotyping of Hepatitis C Virus among Pregnant Women in Bushehr, 2017-2018.

HONORS

- The first rank among those admitted in Ph.D. of Virology in 2010.

- The highest GPA in PhD course Medical Virology in 2014.
- Graduated with the highest GPA in MS course Virology of Razi Vaccine and Serum Research Institute in 2006.

PATENT AND INNOVATION

- ✚ Title of Patent: **Development of Enzyme-Linked Immunosorbent Assays Using 2 Truncated ORF2 Proteins for Detection of IgG Antibodies against Hepatitis E Virus**
Number of Declaration: **139350140003007346**
Registration time of Declaration: **1393/07/12**

PARTICIPATION IN CONGRESSES

- 2018: Detection of hepatitis E virus among pregnant women in Borazjan city, South of Iran. THE 26th IRANIAN CONGRESS ON INFECTIOUS DISEASE AND TROPICAL MEDICINE. 30 Dec 2017 – 3 Jan 2018, Tehran, Iran. Fatemeh Farshadpour, Mohammad Reza Ravanbod, Reza Taherkhani*.
- 2018: Detection of John Cunningham virus in patients with bladder Cancer. THE 26th IRANIAN CONGRESS ON INFECTIOUS DISEASE AND TROPICAL MEDICINE. 30 Dec 2017 – 3 Jan 2018, Tehran, Iran. Fatemeh Farshadpour, Mohammad Reza Ravanbod, Reza Taherkhani*, Mohamad Reza Farzaneh.
- 2018: Prevalence of human polyomavirus BK in patients with bladder cancer: A preliminary study. THE 26th IRANIAN CONGRESS ON INFECTIOUS DISEASE AND TROPICAL MEDICINE. 30 Dec 2017 – 3 Jan 2018, Tehran, Iran. Reza Taherkhani, Mohammad Reza Ravanbod, Fatemeh Farshadpour*, Mohamad Reza Farzaneh.
- 2018: Prevalence of hepatitis E virus infection among hemodialysis patients in Bushehr province, South of Iran. THE 26th IRANIAN CONGRESS ON INFECTIOUS DISEASE AND TROPICAL MEDICINE. 30 Dec 2017 – 3 Jan 2018, Tehran, Iran. Mahbube Ouji 1, Reza Taherkhani 2, Fatemeh Farshadpour 2*.
- 2017: Prevalence Of Hepatitis B Virus Infection In A Representative Sample Of Diabetic Patients Resident In Bushehr Province, South Of Iran In 7th Tehran Hepatitis Conference. September 2017, Tehran, Iran. Reza Taherkhani, Fatemeh Farshadpour, Fateme Saberi
- 2017: Decreasing Trend of Transfusion-Transmissible Hepatitis B Virus Infection In South Of Iran In 7th Tehran Hepatitis Conference. September 2017, Tehran, Iran. Reza Taherkhani, Fatemeh Farshadpour,
- 2017: Prevalence of Hepatitis C Virus Infection Among Blood Donors In Bushehr Province. 7th Tehran Hepatitis Conference. September 2017, Tehran, Iran. Fatemeh Farshadpour, Reza Taherkhani.
- 2017: Prevalence Prevalence Of Hepatitis E Virus Infection Among Pregnant Women In Bushehr Province, South Of Iran in 7th Tehran Hepatitis Conference. September 2017, Tehran, Iran. Fatemeh Farshadpour, Reza Taherkhani, Eissa mahdavi.
- 2017: Poster presentation entitled Prevalence and genotyping of human Papilloma virus in patients with bladder cancer in Bushehr, South of Iran in the 7th Iranian Congress of Virology 10-11 May 2017, TEHRAN, IRAN. Fatemeh Farshadpour, Reza Taherkhani*, Mohamad Reza Farzaneh, Mohammad Reza Ravanbod, Arezoo Badri
- 2017: Poster presentation entitled Hepatitis C virus infection among high-risk groups in Iran: an epidemiological overview, in the 7th Iranian Congress of Virology 10-11 May 2017, TEHRAN, IRAN. Hamideh Malekhayati, Fatemeh Farshadpour, Behrouz Latifi1, Reza Taherkhani*
- 2017: Poster presentation entitled Occult hepatitis C virus infection in Iran: a threat to blood safety, in the 7th Iranian Congress of Virology 10-11 May 2017, TEHRAN, IRAN. Hamideh Malekhayati, Fatemeh Farshadpour, Behrouz Latifi1, Reza Taherkhani*
- 2017: Poster presentation entitled Genotyping and epidemiology analysis of hepatitis C virus in a representative sample of diabetic patients resident in Bushehr, South of Iran, in the 7th Iranian Congress of Virology 10-11 May 2017, TEHRAN, IRAN. Reza Taherkhani, Fatemeh Farshadpour*, Mohammadreza Ravanbod
- 2015: Poster presentation entitled Antiviral Activity of *Holothuria* Sp. a Sea Cucumber against herpes Simplex Virus Type 1 (HSV-1) in the 16th International and Iranian Congress of Microbiology, TEHRAN, IRAN. Taherkhani R, Farshadpour F.

- 2015: Poster presentation entitled Cloning of fliC Gene from Salmonella typhimurium into the Expression Vector Pvx1 and Evaluate its Expression in Eukaryotic Cells in the 16th International and Iranian Congress of Microbiology, TEHRAN, IRAN. Farshadpour F, Taherkhani R.
- 2015: Poster presentation entitled Prevalence of Hepatitis E Virus among Adults in South-West of Iran in the 16th International and Iranian Congress of Microbiology, TEHRAN, IRAN. Farshadpour F, Taherkhani R.
- 2015: oral presentation entitled Codon-Optimized Expression and Purification of Truncated ORF2 Protein of Hepatitis E Virus in Escherichia Coli in South-West of Iran in the 16th International and Iranian Congress of Microbiology, TEHRAN, IRAN. Taherkhani R, Farshadpour F.
- 2015: oral presentation entitled Determination of Cytomegalovirus Prevalence and Glycoprotein B Genotypes among Ulcerative Colitis Patients in Ahvaz, Iran, In 7th International Congress of Laboratory and Clinic (Infectious Diseases) and 1st conference of Clinical Virology. Reza Taherkhani, fatemeh farshadpour, Manoochehr Makvandi.
- 2015: Poster presentation entitled In vitro anti-rotaviral activity of Achillea kellalensis, In 7th International Congress of Laboratory and Clinic (Infectious Diseases) and 1st conference of Clinical Virology. fatemeh farshadpour, Reza Taherkhani, Manoochehr makvandi.
- 2015: Poster presentation entitled Effects of Arctium Lappa (Burdock) Root's Hydro-Alcoholic Extract on Serum Gonadotropin, Testosterone Levels and Sperm Count in Nicotinamide-Streptozotocin Induced Diabetes in Male Mice. In 10th International Congress of Endocrine Disorders, TEHRAN, IRAN. Ali Akbar Oroojan, Akram Ahangarpour, Hamid Heidari, Ehsan Ghaedi, Reza Taherkhani.
- 2014: oral presentation entitled Development of Enzyme-Linked Immunosorbent Assays using 2 truncated ORF2 proteins for detection of IgG antibodies against hepatitis E virus in the 12th International congress of Immunology and Allergy of Iran, TEHRAN, IRAN. Taherkhani R, Farshadpour F, Makvandi M.
- 2014: oral presentation entitled Evaluation of cellular immune responses to truncated ORF-2 protein derived from HEV capsid protein in the peripheral blood of individuals recovered from hepatitis E infection in the 12th International congress of Immunology and Allergy of Iran, TEHRAN, IRAN. Farshadpour F, Taherkhani R, Makvandi M.
- 2012: oral presentation entitled Development and Evaluation of Indirect Enzyme Linked Immunosorbent assay (ELISA) Based on gp125 viral capsid antigen for Diagnosis of Primary and Past EBV Infection. In the Iranian congress of virology. Taherkhani R, Farshadpour F.
- 2012: Poster presentation entitled Determination of the association between Epstein-Barr virus (EBV) infection and Multiple sclerosis (MS) disease. In the Iranian congress of virology. Taherkhani R, Farshadpour F.

PUBLICATIONS

1. **Taherkhani R**, Mirjalili A, Farshadpour F, Kargar-Mokhar R, Bootorabi SM., Abdizadeh R. Development and evaluation of indirect enzyme linked immunosorbent assay (ELISA) to detect Epstein-Barr virus infection based on gp125 viral capsid antigen. J Shahrekord Univ Med Sci. 2012;14(5):42-53.
2. **Taherkhani R**, Farshadpour F, Makvandi M. In Vitro Anti-rotaviral Activity of Achillea kellalensis. Jundishapur J Nat Pharm Prod. 2013;8(3):138-143.
3. Farshadpour F, Gharibi S, Taherzadeh M, Amirinejad R, **Taherkhani R**, Habibian A, Zandi K. Antiviral activity of Holothuria sp. a sea cucumber against herpes simplex virus type 1. Eur Rev Med Pharmacol Sci. 2014; 18: 333-337.
4. Farshadpour F., **Taherkhani R.**, Makvandi M., Rajabi Memari H., Samarbafzadeh A. Codon-Optimized Expression and Purification of Truncated ORF2 Protein of Hepatitis E Virus in Escherichia coli. Jundishapur J Microbiol. 2014;7(7): e11261.

5. **Taherkhani R**, Makvandi M, Farshadpour F. Development of enzyme-linked immunosorbent assays using 2 truncated ORF2 proteins for detection of IgG antibodies against hepatitis E virus. *Ann Lab Med*. 2014; 34(2):118-126.
6. **Taherkhani R**, Ahmadi B, Farshadpour F, Esmailizadeh M, Dolatshahi M, Makvandi M, et al. Epidemiologic Characteristics and Frequency of Anatomical Pattern of Ulcerative Colitis in Patients Referred to Imam Khomeini Hospital During Years 2007 to 2011. *Jundishapur Sci Med J*. 2014;13(3):275-282.
7. **Taherkhani R**, Farshadpour F, Makvandi M, Samarbafzadeh A. Cloning of fliC Gene From *Salmonella typhimurium* in the Expression Vector pVAX1 and Evaluation of its Expression in Eukaryotic Cells. *Jundishapur J Microbiol* 2014;7(11): e12351.
8. **Taherkhani R**, Farshadpour F, Mirjalili A, Amirinejad R. Determination of the association between Epstein-Barr virus (EBV) infection and Multiple sclerosis (MS) disease *ISMJ*. 2014;17(4):666-675.
9. Farshadpour F, **Taherkhani R**, and Makvandi M. Prevalence of Hepatitis E Virus among Adults in South-West of Iran. *Hepat Res Treat*. 2015;2015: 1-5
10. Farshadpour F., Makvandi M., **Taherkhani R**. Design, Construction and Cloning of truncated ORF2 and tPAsp-PADRE-truncated ORF2 gene cassette from Hepatitis E virus into the expression vector pVAX1. *Jundishapur journal of microbiology*. 2015;8(12):e26035.
11. **Taherkhani R.**, Farshadpour F. Epidemiology of hepatitis C virus in Iran. *World J Gastroenterol* 2015;21(38):10790.
12. **Taherkhani R**, Farshadpour F, Makvandi M. Design and Production of a Multiepitope Construct Derived From Hepatitis E Virus Capsid Protein. *J Med Virol*. 2015; 87: 1225–1234
13. **Taherkhani R**, Farshadpour F, Makvandi M, RajabiMemari H, Samarbafzadeh AR, Sharifi N., et al. Cytokine Profiles and Cell Proliferation Responses to Truncated ORF2 Protein in Iranian Patients Recovered from Hepatitis E Infection. *Journal of Tropical Medicine*. 2015; 2015: 1-7
14. **Taherkhani R**, and Farshadpour F, A new strategy for development of hepatitis E vaccine: Epitope-based vaccines. *Pathogen & Infectious Disease* 2015;1(1):1-6.
15. **Taherkhani R**, Farshadpour F, Makvandi M, Hamidifard M, Esmailizadeh M, Ahmadi B, et al. Determination of Cytomegalovirus Prevalence and Glycoprotein B Genotypes among Ulcerative Colitis Patients in Ahvaz, Iran. *Jundishapur J Microbiol*. 2015; 8(2): e17458.
16. Ahangarpour A, Oroojan A.A, Heidari H, Ghaedi E, **Taherkhani R**. Effects of Hydro-alcoholic Extract from *Arctium lappa* L. (Burdock) Root on Gonadotropins, Testosterone, and Sperm Count and Viability in Male Mice with Nicotinamide/ Streptozotocin-Induced Type 2 Diabetes. *Malays J Med Sci*. 2015;22(2):25-32.
17. Farshadpour F, **Taherkhani R**, Tajbakhsh S, Gholizadeh Tangestani M, Hajjani G, Sharifi N, et al. Prevalence and Trends of Transfusion-Transmissible Viral Infections among Blood Donors in South of Iran: An Eleven-Year Retrospective Study. *PloS one*. 2016;11(6):e0157615. PubMed PMID: 27309959. Epub 2016/06/17.
18. **Taherkhani R**. and Farshadpour F. Epidemiology of hepatitis E virus in Iran. *World J Gastroenterol*. 2016 Jun 14;22(22):5143-53. PubMed PMID: 27298557. Pubmed Central PMCID: 4893461. Epub 2016/06/15.

19. **Taherkhani R.** and Farshadpour F. Epidemiology of Hepatitis E in Pregnant Women and Children in Iran: A General Overview. *Journal of Clinical and Translational Hepatology*. 2016;4(3):269–76.
20. Farshadpour F. and **Taherkhani R.** Hepatitis C-related diabetes mellitus: A health dilemma too necessary to consider. *Virology Research Journal*. 2016; 1(1).
21. Azizolahi B, Rajaei E, **Taherkhani R**, Makvandi M. Low detection of hepatitis B and occult hepatitis B infection in patients with rheumatic diseases. *The Egyptian Rheumatologist*. 2017;39(4):239-43.
22. **Taherkhani R.** and Farshadpour F. Lurking epidemic of hepatitis C virus infection in Iran: A call to action. *World Journal of Hepatology*. 2017 Aug 28;9(24):1040-2. PubMed PMID: 28932350.
23. Azizolahi B, Makvandi M, **Taherkhani R.** Cloning and Expression of a Secretary form of Truncated ORF2 (112 - 607 aa) from Hepatitis E Virus in the pVAX1 Vector. *Jundishapur J Microbiol*. 2017, e13543. doi: 10.5812/jjm.13543.
24. **Taherkhani R.** and Farshadpour F. Global elimination of hepatitis C virus infection: Progresses and the remaining challenges. *World Journal of Hepatology*. 2017. 28;9(29):1240-55. PubMed PMID: 5745585.
25. **Taherkhani R**, Farshadpour F, Ravanbod MR. Vaccine-associated paralytic poliomyelitis in a patient with acute lymphocytic leukemia. *Journal of neurovirology*. 2018.
26. Farshadpour F, **Taherkhani R**, Ravanbod MR, Eghbali SS, Taherkhani S, Mahdavi E. Prevalence, risk factors and molecular evaluation of hepatitis E virus infection among pregnant women resident in the northern shores of Persian Gulf, Iran. *PloS one*. 2018;13(1):e0191090.
27. Hosseini MZ, Naeimi S, Nasab MM, Taherkhani S, Farshadpour F, Ansarifard A, **Taherkhani R.** Study of Codon 72 Polymorphism of TP53 Gene in Cervical Biopsies with Abnormal Histology in Bushehr Province. *Iran South Med J* 2018; 21: 416-25.

GENE RECORDS IN GENE BANK (NCBI)

1. GenBank: KC525998, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
2. GenBank: KC525999, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
3. GenBank: KC526000, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
4. GenBank: KC526001, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
5. GenBank: KC526002, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
6. GenBank: KC526003, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
7. GenBank: KC526004, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
8. GenBank: KC526005, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
9. GenBank: KC526006, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
10. GenBank: KC526007, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
11. GenBank: KC526008, Human herpesvirus 5 clone gB1-1 glycoprotein B (UL55) gene, partial cds.
12. GenBank: KX011410.1Echovirus E30 isolate ANN43Y28M 5' UTR
13. GenBank: KX011409.1Echovirus E30 isolate MZ37Y68M 5' UTR
14. GenBank: KX011408.1Echovirus E30 isolate ZH32Y38F 5' UTR
15. GenBank: KX011407.1Echovirus E30 isolate FZG20M15F 5' UTR
16. GenBank: KX011406.1Echovirus E30 isolate MRH18Y37M 5' UTR

17. GenBank: KX011405.1Echovirus E30 isolate BKA15Y60F 5' UTR
18. GenBank: KX011404.1Echovirus E30 isolate TA14M10F 5' UTR
19. GenBank: KX011403.1Echovirus E30 isolate MP13Y13F 5' UTR
20. GenBank: KX011402.1Coxsackievirus B5 isolate HK53M1F 5' UTR
21. GenBank: KX011401.1Coxsackievirus B5 isolate EM26M2F 5' UTR
22. GenBank: KX011400.1Human poliovirus 1 isolate NA55M17F 5' UTR
23. GenBank: KX011399.1Human poliovirus 1 isolate RE19Y25M 5' UTR
24. GenBank: KU736837.1Hepatitis C virus isolate TH94 core protein gene, partial cds
25. GenBank: KU736836.1Hepatitis C virus isolate HD94 core protein gene, partial cds
26. GenBank: KU736835.1Hepatitis C virus isolate AH94 core protein gene, partial cds
27. GenBank: KU736834.1Hepatitis C virus isolate KG94 core protein gene, partial cds
28. GenBank: KU736833.1Hepatitis C virus isolate MB94 core protein gene, partial cds
29. GenBank: KU736832.1Hepatitis C virus isolate SF94 core protein gene, partial cds
30. GenBank: KU736831.1Hepatitis C virus isolate FM94 core protein gene, partial cds
31. GenBank: KU736830.1Hepatitis C virus isolate PM94 core protein gene, partial cds
32. GenBank: KU736829.1Hepatitis C virus isolate AN94 core protein gene, partial cds
33. GenBank: KU736828.1Hepatitis C virus isolate RH94 core protein gene, partial cds
34. GenBank: KX816836.1Human alphaherpesvirus 1 isolate BT-Biopsy-C6 glycoprotein D (US6) gene, partial cds
35. GenBank: KX816835.1Human alphaherpesvirus 1 isolate BT-Biopsy-C5 glycoprotein D (US6) gene, partial cds
36. GenBank: KX816834.1Human alphaherpesvirus 1 isolate BC-Biopsy-185 glycoprotein D (US6) gene, partial cds
37. GenBank: KX816833.1Human alphaherpesvirus 1 isolate BC-Biopsy-168 glycoprotein D (US6) gene, partial cds
38. GenBank: KX816832.1Human alphaherpesvirus 1 isolate BC-Biopsy-160 glycoprotein D (US6) gene, partial cds
39. GenBank: KX816831.1Human alphaherpesvirus 1 isolate BC-Biopsy-153 glycoprotein D (US6) gene, partial cds
40. GenBank: KX816830.1Human alphaherpesvirus 1 isolate BC-Biopsy-150 glycoprotein D (US6) gene, partial cds
41. GenBank: KX816829.1Human alphaherpesvirus 1 isolate BC-Biopsy-148 glycoprotein D (US6) gene, partial cds
42. GenBank: KX816828.1Human alphaherpesvirus 1 isolate BC-Biopsy-147 glycoprotein D (US6) gene, partial cds
43. GenBank: KX816827.1Human alphaherpesvirus 1 isolate BC-Biopsy-138 glycoprotein D (US6) gene, partial cds
44. GenBank: KX816826.1Human alphaherpesvirus 1 isolate BC-Biopsy-132 glycoprotein D (US6) gene, partial cds
45. GenBank: KX816825.1Human alphaherpesvirus 1 isolate BC-Biopsy-129 glycoprotein D (US6) gene, partial cds
46. GenBank: KX816824.1Human alphaherpesvirus 1 isolate BC-Biopsy-112 glycoprotein D (US6) gene, partial cds
47. GenBank: KX816823.1Human alphaherpesvirus 1 isolate BC-Biopsy-110 glycoprotein D (US6) gene, partial cds
48. GenBank: KX816822.1Human alphaherpesvirus 1 isolate BC-Biopsy-109 glycoprotein D (US6) gene, partial cds
49. GenBank: KX816821.1Human alphaherpesvirus 1 isolate BC-Biopsy-107 glycoprotein D (US6) gene, partial cds
50. GenBank: KX816820.1Human alphaherpesvirus 1 isolate BC-Biopsy-105 glycoprotein D (US6) gene, partial cds
51. GenBank: KX816819.1Human alphaherpesvirus 1 isolate BC-Biopsy-84 glycoprotein D (US6) gene, partial cds
52. GenBank: KX816818.1Human alphaherpesvirus 1 isolate BC-Biopsy-81 glycoprotein D (US6) gene, partial cds
53. GenBank: KX816817.1Human alphaherpesvirus 1 isolate BC-Biopsy-80 glycoprotein D (US6) gene, partial cds
54. GenBank: KX816816.1Human alphaherpesvirus 1 isolate BC-Biopsy-79 glycoprotein D (US6) gene, partial cds
55. GenBank: KX816815.1Human alphaherpesvirus 1 isolate BC-Biopsy-71 glycoprotein D (US6) gene, partial cds
56. GenBank: KX816814.1Human alphaherpesvirus 1 isolate BC-Biopsy-66 glycoprotein D (US6) gene, partial cds
57. GenBank: KX816813.1Human alphaherpesvirus 1 isolate BC-Biopsy-63 glycoprotein D (US6) gene, partial cds
58. GenBank: KX816812.1Human alphaherpesvirus 1 isolate BC-Biopsy-60 glycoprotein D (US6) gene, partial cds
59. GenBank: KX816811.1Human alphaherpesvirus 1 isolate BC-Biopsy-57 glycoprotein D (US6) gene, partial cds
60. GenBank: KX816810.1Human alphaherpesvirus 1 isolate BC-Biopsy-54 glycoprotein D (US6) gene, partial cds
61. GenBank: KX816809.1Human alphaherpesvirus 1 isolate BC-Biopsy-51 glycoprotein D (US6) gene, partial cds
62. GenBank: KX816808.1Human alphaherpesvirus 1 isolate BC-Biopsy-48 glycoprotein D (US6) gene, partial cds

63. GenBank: KX816807.1 Human alphaherpesvirus 1 isolate BC-Biopsy-45 glycoprotein D (US6) gene, partial cds
64. GenBank: KX816806.1 Human alphaherpesvirus 1 isolate BC-Biopsy-42 glycoprotein D (US6) gene, partial cds
65. GenBank: KX816805.1 Human alphaherpesvirus 1 isolate BC-Biopsy-32 glycoprotein D (US6) gene, partial cds
66. GenBank: KX816804.1 Human alphaherpesvirus 1 isolate BC-Biopsy-29 glycoprotein D (US6) gene, partial cds
67. GenBank: KX816803.1 Human alphaherpesvirus 1 isolate BC-Biopsy-27 glycoprotein D (US6) gene, partial cds
68. GenBank: KX816802.1 Human alphaherpesvirus 1 isolate BC-Biopsy-13 glycoprotein D (US6) gene, partial cds
69. GenBank: KX816801.1 Human alphaherpesvirus 1 isolate BC-Biopsy-6 glycoprotein D (US6) gene, partial cds
70. GenBank: KX816858.1 Human gammaherpesvirus 4 isolate BC-Biopsy-129 EBNA1 protein (BKRF1) gene, partial cds
71. GenBank: KX816857.1 Human gammaherpesvirus 4 isolate BC-Biopsy-113 EBNA1 protein (BKRF1) gene, partial cds
72. GenBank: KX816840.1 Human polyomavirus 1 isolate BC-Biopsy-81 large T antigen gene, partial cds
73. GenBank: KX816839.1 Human polyomavirus 1 isolate BC-Biopsy-158 large T antigen gene, partial cds
74. GenBank: KX816838.1 Human polyomavirus 1 isolate BT-Biopsy-C5 large T antigen gene, partial cds
75. GenBank: KX816837.1 Human polyomavirus 1 isolate BC-Biopsy-5 large T antigen gene, partial cds
76. GenBank: KX816852.1 JC polyomavirus isolate BC-Biopsy-194 large T antigen gene, partial cds
77. GenBank: KX816851.1 JC polyomavirus isolate BC-Biopsy-193 large T antigen gene, partial cds
78. GenBank: KX816850.1 JC polyomavirus isolate BC-Biopsy-190 large T antigen gene, partial cds
79. GenBank: KX816849.1 JC polyomavirus isolate BC-Biopsy-166 large T antigen gene, partial cds
80. GenBank: KX816848.1 JC polyomavirus isolate BC-Biopsy-112 large T antigen gene, partial cds
81. GenBank: KX816847.1 JC polyomavirus isolate BC-Biopsy-104 large T antigen gene, partial cds
82. GenBank: KX816846.1 JC polyomavirus isolate BC-Biopsy-96 large T antigen gene, partial cds
83. GenBank: KX816845.1 JC polyomavirus isolate BC-Biopsy-81 large T antigen gene, partial cds
84. GenBank: KX816844.1 JC polyomavirus isolate BC-Biopsy-64 large T antigen gene, partial cds
85. GenBank: KX816843.1 JC polyomavirus isolate BC-Biopsy-52 large T antigen gene, partial cds
86. GenBank: KX816842.1 JC polyomavirus isolate BC-Biopsy-48 large T antigen gene, partial cds
87. GenBank: KX816841.1 JC polyomavirus isolate BT-Biopsy-C7 large T antigen gene, partial cds
88. GenBank: KX816854.1 Human polyomavirus 1 isolate BT-Biopsy-C5 major capsid protein (VP1) gene, partial cds
89. GenBank: KX816853.1 Human polyomavirus 1 isolate BC-Biopsy-5 major capsid protein (VP1) gene, partial cds
90. GenBank: KX816856.1 JC polyomavirus isolate BC-Biopsy-52 major capsid protein (VP1) gene, partial cds
91. GenBank: KX816855.1 JC polyomavirus isolate BT-Biopsy-C7 major capsid protein (VP1) gene, partial cds
92. GenBank: MF419214 Hepatitis B virus isolate Bushehr-DM-HBS28 genotype D surface antigen protein (S) gene, partial cds
93. GenBank: MF419215 Hepatitis B virus isolate Bushehr-DM-HBS63 genotype D surface antigen protein (S) gene, partial cds
94. GenBank: MF419216 Hepatitis B virus isolate Bushehr-DM-HBS64 genotype D surface antigen protein (S) gene, partial cds
95. GenBank: MF419217 Hepatitis B virus isolate Bushehr-DM-HBS65 genotype D surface antigen protein (S) gene, partial cds
96. GenBank: MF419218 Hepatitis B virus isolate Bushehr-DM-HBS66 genotype D surface antigen protein (S) gene, partial cds
97. GenBank: MF419219 Hepatitis B virus isolate Bushehr-DM-HBS69 genotype D surface antigen protein (S) gene, partial cds
98. GenBank: MF419220 Hepatitis B virus isolate Bushehr-DM-HBS71 genotype D surface antigen protein (S) gene, partial cds
99. GenBank: MF419221 Hepatitis B virus isolate Bushehr-DM-HBS76 genotype D surface antigen protein (S) gene, partial cds
100. GenBank: MF419222 Hepatitis B virus isolate Bushehr-DM-HBS79 genotype D surface antigen protein (S) gene, partial cds
101. GenBank: MF419223 Hepatitis B virus isolate Bushehr-DM-HBS80 genotype D surface antigen protein (S) gene, partial cds
102. GenBank: MF419224 Hepatitis B virus isolate Bushehr-DM-HBS82 genotype D surface antigen protein (S) gene, partial cds
103. GenBank: MF419225 Hepatitis B virus isolate Bushehr-DM-HBS83 genotype D surface antigen protein (S) gene, partial cds
104. GenBank: MF419226 Hepatitis B virus isolate Bushehr-DM-HBS84 genotype D surface antigen protein (S) gene, partial cds
105. GenBank: MF419227 Hepatitis B virus isolate Bushehr-DM-HBS85 genotype D surface antigen protein (S) gene, partial cds
106. GenBank: MF419228 Hepatitis B virus isolate Bushehr-DM-HBS86 genotype D surface antigen protein (S) gene, partial cds
107. GenBank: MF419229 Hepatitis B virus isolate Bushehr-DM-HBS97 genotype D surface antigen protein (S) gene, partial cds

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