



CURRICULUM VITAE

Last Updated on: February 12, 2024

Personal Information

Name: Ali

Family Name: Farhadi Andarabi

Date and Place of Birth: 1978 - Tabriz

Nationality: Iranian

Marital Status: Married

Associate Professor of Medical Virology

School of Paramedical Sciences,

Shiraz University of Medical Sciences,

Shiraz, Iran.

P.O.Box: 714391-4693

Tel: 071-32289113

Fax : 071-31227031

Email: Farhadi_a@sums.ac.ir

Academic Staff

1. Department of Medical Laboratory Sciences, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran.
2. Diagnostic Laboratory Sciences and Technology Research Center, Shiraz University of Medical Sciences, Shiraz, Iran.

Authors' Profiles Systems

Scopus Author ID: 55233040800

Google (scholar) citation service:

https://scholar.google.com/citations?hl=en&user=2QZsAN0AAAAJ&view_op=list_works&sortby=pubdate

ORCID ID: <https://orcid.org/0000-0002-2271-670X>

Web of Science ResearcherID: G-5469-2015

Research Gate: https://www.researchgate.net/profile/Ali_Farhadi

https://isid.research.ac.ir/Ali_Farhadi

Education

1. August 2013, PhD in Medical Microbiology (Virology), Faculty of Medicine and Health Sciences, University Putra Malaysia (UPM), Malaysia.
2. October 2004, M.Sc. in Microbiology, Department of biology, Islamic Azad University, Iran.

Appointments & Positions

1. Deputy Dean for Education and Postgraduate Studies, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz-Iran. 2023-Present.

2. Associate Professor, Department of Medical Laboratory Sciences, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz-Iran. 2022-Present.
3. Assistant Professor, Department of Medical Laboratory Sciences, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz-Iran. 2013-2022.
4. Director of Graduate Studies and Internationalization, School of Paramedical Sciences, Shiraz University of Medical Sciences, Iran. 2019-2022.
5. Deputy of Research, Department of Medical Laboratory Sciences, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz-Iran. 2013-Present.
6. Director of Organization for Exceptional Talents, School of Paramedical Sciences, Shiraz University of Medical Sciences, Iran. 2019-Present. 2014- 2019

Membership of Scientific Societies

1. Member of Iranian Society for Virology
2. Member of Iranian Society of Microbiology
3. Current Full Membership of the World Society for Virology (WSV)

Membership of Scientific and Executive Organising Committees

1. Executive director and scientific committee member of the 2nd International Congress on Hematological Disorders: (New Challenges in Diagnosis and Treatment). 3-5th May 2017, Shiraz, Iran.
2. Executive secretary of the EHA-SHRC Hematology Tutorial on Thalassemi. May 10-11th 2018, Shiraz, Iran.
3. Organising and scientific committee member of Graduate Research Symposium 2021. 23-25 and 30th November 2021. Selangor, Malaysia.

Professional Services

1. Reviewer for Journal of Medical Virology (JMV)
2. Reviewer for Journal of Frontiers in Bioscience-Landmark (FBL)
3. Reviewer for Journal of the Asian Pacific Journal of Cancer Prevention (APJCP)
4. Reviewer for Iranian journal of Medical Sciences (IJMS)
5. Reviewer for International Journal of Cancer Management
6. Reviewer for Iranian Journal of Medical Microbiology

Research Interests

1. Human oncovirology
2. Viral mechanisms of transformation and tumorigenicity
3. Molecular and diagnostic clinical virology.

Subject of M.Sc. Thesis

The Role of Polyomaviruses (BKV & JCV) and HSV Infections in Post-operative Graft Dysfunction among Renal Transplant Recipients.

Subject of PhD Dissertation

Molecular Characterization of High-risk Human Papillomaviruses in Renal Cell Carcinoma.

Teaching

1. Undergraduate

- a) Medical Virology (for Medical Laboratory Sciences Students)
- b) Laboratory Techniques in Medical Virology

- c) Medical Bacteriology (for Medical Laboratory Sciences Students)
- d) Laboratory Techniques in Medical Bacteriology (for Medical Laboratory Sciences Students)
- e) General Microbiology (for Medical Laboratory Sciences Students)
- f) Laboratory Techniques in General Microbiology (for Medical Laboratory Sciences Students)

2. Postgraduate

- a) Principles of Genetic Engineering (for Medical Biotechnology MSc Students)
- b) Patho-microbiology (for Medical Biotechnology MSc Students)
- c) General Virology (for PhD candidates in Medical Virology)
- d) Systematic Virology (for PhD candidates in Medical Virology)
- e) Special Topics in Medical Virology (for PhD candidates in Medical Virology)

Awards

1. Distinguished researcher of the year award, school of paramedical sciences, Shiraz University of Medical Sciences, 2023.
2. IPVC 2023 Travel Scholarship, through the support of the Bill and Melinda Gates Foundation for the 35th International Papillomavirus Conference (IPVC 2023) in Washington D.C., USA on April 17-21, 2023.
3. Travel Grant of the European Society for Clinical Virology Winter Meeting; 2011 January 13–15; London, UK for oral presentation

Ongoing Researches

1. Overexpression of ATF3 gene to investigate its effect on NF-kB expression and cell cycle arrest in HPV-18 infected HeLa cells and HPV-16 infected CaSki cells.
2. Cloning and overexpression of ATF3 gene for evaluation of cell cycle arrest and p53, p63 and SHARP1 gene expression in 8305C thyroid carcinoma cell line.
3. Molecular and Histochemical Characterization of Different Human Parvovirus B19 Genotypes in Head and Neck Squamous Cell Carcinoma.
4. The role of caveolin in p28 peptide uptake pathway in MCF-7, Raji, Hep G2, Calu-6, Caco-2 and LNCaP cell lines.
5. Evaluation of the effect of p28 peptide on the expression of Bid, Bax, Noxa Bcl2, P53, P21 and p27 genes involved in the pathway of apoptosis and cell cycle inhibition in MCF-7 cell line.
6. RASSF1/P16 methylation and BRAF mutation in human thyroid carcinoma and their associations with B19 viral infection.
7. Molecular and Histochemical Characterization of Different Human Parvovirus B19 Genotypes in Head and Neck Squamous Cell Carcinoma.
8. Comparison of cationic Penetratin, Tat and anionic p28 cell penetrating peptides efficiency for in vitro cargo delivery of Glutathione S-transferase.
9. Production of a surface invasin displaying recombinant *E.coli* for invading non-phagocytic epithelial cells: A new approach on gene delivery system.

Completed Researches

1. The effect of increasing the p53 level on HPV-18 infected HeLa cells using a stable synthetic mRNA containing ATF3 gene transcript.

3. Cloning and expression of E2 and NS3/4a gene of hepatitis C virus genotypes 1 and 3 in RAW 264.7 macrophage cell line using bacterial ghost technique: A primary design of HCV DNA vaccine.
4. Development of a magnetic nanoparticles-based kit for detection and genotyping of hepatitis C virus genotypes 1 and 3 using microplate hybridization technique
5. Development of a multiplex PCR for detection of polyomavirus; BKV, JCV and SV40 in clinical samples
6. Analysis of human papillomavirus 16 E6/E7 and LCR sequence variations and their functional effects in head and neck squamous cell carcinoma.
7. Molecular and Histochemical Aspects of Different Human Parvovirus B19 Genotypes in Thyroid Carcinoma.

Proceedings in National & International Congresses

1. Ali Farhadi, Haniyeh Abuei, Abbas Behzad-Behbahani, Zahra Bagheri, Amirhossein Akbarpour Arsanjani. **The overexpression of activating transcription factor 3 downregulates p16ink4a expression in human papillomavirus type 16-infected cervical cancer cells.** 35th International Papillomavirus Conference (IPVC 2023), April 17-21, 2023, Washington D.C., USA
2. Sepide Namdari, Ali Farhadi, Abbas Behzad-Behbahani, Fatemeh Pakdel, and Tahereh Pakdel, Mohammad J Ashraf. **Immunohistochemical detection of parvovirus B19 in head and neck carcinomas.** Proceedings of the Taylor's University Graduate Research Symposium 2021, 30 November 2021, Kuala Lumpur, Malaysia.
3. Fatemeh Moradi, Ali Farhadi, Sepide Namdari. **Frequency of isolation and antimicrobial resistance pattern of Gram-positive bacteria isolated from patients referred to private diagnostic medical laboratories in Fars, Southwest Iran.** 19th Iranian and International Congress of Microbiology, 4-6 September 2018, Tehran, Iran
4. Ali Farhadi, Fatemeh Moradi, Sepide Namdari, Abbas Behzad-Behbahani. **A meta-analysis of potential utility of HCV core antigen testing for active diagnosis of HCV infection.** The 11th International & 16th National Congress on Quality Improvement in Clinical Laboratories. 19-22 April 2018. Tehran, Iran.
5. Sepide Namdari, Ali Farhadi, Fatemeh Moradi. **Frequency of isolation and antimicrobial resistance pattern of Gram-negative bacteria isolated from patients referred to private diagnostic medical laboratories in Fars, Southwest Iran.** The 11th International & 16th National Congress on Quality Improvement in Clinical Laboratories. 19-22 April 2018. Tehran, Iran.
6. Tahereh Pakdel, Ali Farhadi, Abbas Behzad-Behbahani, Fatemeh Pakdel, Mohammad Javad Ashraf, Elham Abedi, Zahra Pakdel. **Distribution of human parvovirus B19 genotypes in papillary thyroid carcinoma.** The 16th International and Iranian Congress of Microbiology. 25-27 August 2015. Tehran. Iran
7. Fatemeh Pakdel, Ali Farhadi, Abbas Behzad-Behbahani, Azadeh Andisheh Tadbir, Tahereh Pakdel, Parnian Alavi, Zahra Pakdel. **Human papillomavirus prevalence in head and neck squamous cell carcinomas at different anatomical subsites.** The 16th International and Iranian Congress of Microbiology. 25-27 August 2015. Tehran. Iran
8. Mehdi Khosravizadeh, Salehi S, Behzad Behbahani A, Farhadi A, Alavi P, Nikouyan N, Rafiei Dehbidi Gh, Okhovat MA, Zarnegar G, Khorramnezhad N. **Frequency of hepatitis C virus RNA detection**

among blood donors with different patterns of indeterminate recombinant immunoblot assay. The 16th International and Iranian Congress of Microbiology. 25-27 August 2015. Tehran. Iran

9. Neda Khorramnezhad, Abbas Behzad-Behbahani, Ali Farhadi, Mehdi Khosravizadeh, Negin Nikouyan. **Multiplex nested PCR for simultaneous detection of human polyomaviruses BKV and JCV DNA in urothelial cancers.** The 16th International and Iranian Congress of Microbiology. 25-27 August 2015. Tehran. Iran
10. Ali Farhadi, Abbas Behzad Behbahani, Bita Geramizadeh, Marjan Rahsaz, Parnian Alavi, Negin Nikouyan, Golamreza Rafiei, Mohammad Ali Okhovat. **Epstein-Barr virus infection and p53 expression in renal cell carcinoma.** 7th International Congress of Laboratory and Clinic (Infectious Diseases) and 1st Conference of Clinical Virology. 12-14 Feb. 2015. Tehran, Iran.
11. Parnian Alavi, Ali Farhadi, Farzaneh Aboualizadeh, Abbas Behzad Behbahani, Bita Geramizadeh, Maryam Rahbarmah, Alireza Tootoonchi, Negin Nikouyan. **Evidence supporting the association of high-risk human papillomaviruses but not polyomaviruses BK and JC infections with prostate cancer.** 7th International Congress of Laboratory and Clinic (Infectious Diseases) and 1st Conference of Clinical Virology. 12-14 Feb. 2015. Tehran, Iran.
12. Farhadi, A. Behzad-Behbahani, A. Geramizadeh, B. Sharifzadeh, S. Ghaedsharaf, E. Yaghobi, R. Moezzi, L. Behzadi, S. **Detection of Herpes Simplex Virus Type I DNA in Urine and Peripheral Blood Leukocytes from Renal Transplant Recipients and Healthy Immunocompetent Individuals.** The first international student congress on cell and molecular medicine, Shiraz University of Medical Sciences, 17-19 Feb. 2011. Shiraz, Iran.
13. Jafarian, H. Farhadi, A. Behzad-Behbahani, A. Sharifzad, HR. Emami Rad, Z. Aboualizadeh, F. **An Efficient Method for DNA Extraction from Formalin-Fixed and Paraffin-Embedded Autopsied Bain Specimens.** The first international student congress on cell and molecular medicine, Shiraz University of Medical Sciences, 17-19 Feb. 2011. Shiraz, Iran.
14. Behzad-Behbahani, A. Khalvati, B. Sharifzadeh, S. Taghavi, SA. Yaghobi, R. Shakibzadeh, A. Farhadi, A. Abouali, F. Moezzi, L. Ranjbaran, R. **Presence of Hepatitis C Virus RNA in Peripheral Blood Mononuclear Cells of Sustained Viral Responder to Antiviral Therapy.** The first international student congress on cell and molecular medicine, Shiraz University of Medical Sciences, 17-19 Feb. 2011. Shiraz, Iran.
15. Farhadi A. Behzad-Behbahani A, Geramizadeh B, Rahsaz M, Zambari S, Ghaedsharaf E. **Detection of Human Papillomavirus Antigen, P16^{INK4A} and HPV-DNA in Tumor Tissues of Renal Cell Carcinoma.** European Society for Clinical Virology. January 13-15, 2011. London, UK.
16. Behzad-Behbahani, A. Farhadi A. Geramizadeh, B. Rahsaz, M. Salehipour, M. Zambari, S. Abedi, E. **High Risk Human Papillomavirus Genotypes in Formalin-Fixed Paraffin-Embedded Tissues from Patients with Renal Cell Carcinoma.** 4th European Congress of Virology. April 7 – 11, 2010. Cernobbio, Italy.
17. Shakibzadeh, A. Behzad-Behbahani, A. Yaghoobi, R. Yavarian, M., Khalvati, B. Rahsaz, M., Abedi, E., Farhadi, A. **Modification of Roche RNA Extraction Method from Formalin Fixed Paraffin Embedded Lymphoid Tissues with Special Application for Virological Studies.** 3th Iranian Congress of Clinical Microbiology. October 6-8 2009. Shiraz, Iran.

18. Moghtaderi, M. Behzad-Behbahani, A. Motazed, S. Chenary, M. Farhadi, A. **Development of an Easy and Rapid Method to Extract Hepatitis C Virus RNA from the Dried Blood Spots Maintained Over a Year.** 3th Iranian Congress of Clinical Microbiology. October 6-8 2009. Shiraz, Iran.
19. Motazed, S. Behzad-Behbahani, A. Moghtaderi, M. Chenary, M. Farhadi, A. **Dried Blood Spot Assay for the Identification of Hepatitis C Virus RNA: A Comparative study of RNA Extraction Qualification.** 3th Iranian Congress of Clinical Microbiology. October 6-8 2009. Shiraz, Iran.
20. Behzad-Behbahani A, Farhadi, A. Tabei, SZ, Yaghobi R, Mojiri A, Pouransari R, Rahsaz M, Banihashemi M, Malek-Hosseini SA, Javid A, Bahador A, Reissalali A, Behzadi S, Salahl A, Janghorban P. **Role of BK Virus and JC Virus Infections in Renal Functions after Transplantation.** 12th International Congress on Infectious Diseases. June 15-18, 2006. Lisbon, Portugal
21. Farhadi-Andarabi A. Behzad-Behbahani A, Tabei SZ, Yaghobi R, Mojiri A, Pouransari R, Behzadi S, Raeisdjalali GA, Janghorban P, Rahsaz M, Banihashemi M. **Frequency of herpes simplex virus (HSV) DNA in mononuclear leukocyte and in urine samples of renal transplant recipients.** IXth Meeting of Middle East Society for Organ Transplantation (MESOT). December 6-9, 2004, Ankara, Turkey.
22. Mojiri A, Behzad-Behbahani A, Tabei SZ, Yaghobi R, Farhadi-Andarabi A. Pouransari R, Behzadi S, Raeisdjalali GA, Janghorban P, Rahsaz M, Banihashemi M. **Hepatitis B virus and hepatitis C virus post renal transplantation infections.** IXth Meeting of Middle East Society for Organ Transplantation (MESOT). December 6-9, 2004, Ankara, Turkey.
23. Pouransari R, Behzad-Behbahani A, Tabei SZ, Rahiminejad MR, Robati, Yaghobi R, Nourani H, Ramzi M, Farhadi-Andarabi A. Mojiri A, Zare N, Rahsaz M, Banihashemi M. **Risk of viral transmission via umbilical cord blood hematopoietic stem cells and bone marrow progenitor cells in bone marrow transplantation.** IXth Meeting of Middle East Society for Organ Transplantation (MESOT). December 6-9, 2004, Ankara, Turkey.

GenBank Sequence Deposition: Contribution to the Scientific Community

1. 27 submitted E6 gene sequences of human papillomavirus type 16, complete cds. GenBank Accession No: MT771959 to MT771984 and MT755643. November 2020, National Center for Biotechnology Information (NCBI), Bethesda, MD, USA.
2. 48 submitted E6 gene sequences of human papillomavirus type 16, complete cds. GenBank Accession No: OP572427 to OP572474. April 2023, National Center for Biotechnology Information (NCBI), Bethesda, MD, USA.
3. 48 submitted E6 gene sequences of human papillomavirus type 18, complete cds. GenBank Accession No: OP572475 to OP572522. April 2023, National Center for Biotechnology Information (NCBI), Bethesda, MD, USA.

Publications

1. Abuei H, Namdari S, Pakdel T, Pakdel F, Andishe-Tadbir A, Behzad-Behbahani A, Ashraf MJ, Alavi P, Farhadi A*. **Human parvovirus B19 infection in malignant and benign tissue specimens of different head and neck anatomical subsites.** Infectious Agents and Cancer. 2023 Dec;18(1):1-0.

2. Farhadi A, Abuei H, Okhovat MA, Geramizadeh B, Behzad-Behbahani A, Chong PP, Nikouyan N, Namdari S*. **Type distribution of human papillomaviruses in ThinPrep cytology samples and HPV16/18 E6 gene variations in FFPE cervical cancer specimens in Fars province, Iran.** *Cancer Cell International*. 2023 Dec;23(1):1-7.
3. Zadeh SA, Abuei H, Farhadi A, Dehbidi GR, Zare F, Nejabat M, Behbahani AB*. **Sustained Suppression of Fusion Gene-mediated Human Respiratory Syncytial Virus Load by shRNA-based Therapeutics.** *Biomedical and Biotechnology Research Journal (BBRJ)*. 2023 Jul 1;7(3):464-70.
4. Seyyedi N, Esfandiari F, Dehbidi GR, Farhadi A, Zare F, Namdari S, Bahmani G, Rastegari B*, Zarghampoor F, Behzad-Behbahani A*. **Correlation analysis of HHV-6A viral load and anti-TPO antibody levels in patients with Hashimoto's thyroiditis.** *Future Virology*. 2023 Jun (0).
5. Yarmohammadi F, Farhadi A, Hassanaghaei N, Dehbidi GR, Zarghampoor F, Farzanfar E, Namdari S, Behbahani AB*. **Detection of Mycobacterium tuberculosis in Peripheral Blood Mononuclear Cells from Patients with Pulmonary Tuberculosis.** *Jundishapur Journal of Microbiology*. 2023 May 31;16(5).
6. Zadeh Fard SA, Abuei H, Farhadi A, Dehbidi GR, Zare F, Abbasfard Z, Behbahani AB*. **Short hairpin RNA-mediated matrix gene silencing of human respiratory syncytial virus as a potent antiviral strategy.** *Future Virology*. 2023 Apr;18(5):309-19.
7. Heidari L, Dehbidi GR, Farhadi A, Kashkooli GS, Zarghampoor F, Namdari S, Seyyedi N, Fard SA, Behzad-Behbahani A*. **Simultaneous detection and differentiation of Mycobacterium tuberculosis and nontuberculous mycobacteria coexisting in patients with pulmonary tuberculosis by single-tube multiplex PCR.** *Iranian Journal of Microbiology*. 2023 Jun 16;15(3):401-7.
8. Zare M, Farhadi A, Zare F, Dehbidi GR, Zarghampoor F, Ahmadi MK, Behbahani AB*. **Genetically engineered E. coli invade epithelial cells and transfer their genetic cargo into the cells: an approach to a gene delivery system.** *Biotechnology Letters*. 2023 May 11:1-1.
9. Abbasfard Z, Kasraian L, Farhadi A, Jowkar Z, Nejabat N, Kargar M, Rastegari B, Zarghampoor F, Behzad-Behbahani A*. **Detection of Hepatitis B Virus Genome with Mutations Outside the Major Hydrophilic Region in the Surface Antigen Isolated from Patients with Coexisting HBsAg and Anti-HBs.** *Hepatitis Monthly*. 2023 Dec 31;23(1).
10. Nazhvani AD, Farhadi A, Badiee P, Keshvari H, Ashraf MJ, Pakdel F, Farzinnia G*. **Aspergillus Species and Human Papillomavirus Infections in Epithelial Tumors of Nasal and Paranasal Cavities.** *International Journal of Cancer Management*. 2023 Dec 31;16(1).
11. Joharinia N, Mousavi-Nejad SA, Farhadi A, Safaei A, Hosseini SY, Sarvari J*. **The frequency of high-risk and low-risk human papillomavirus genotypes in different grades of cervical lesions in Shiraz, South-west of Iran.** *Iranian Journal of Medical Microbiology*. 2023 Mar 10;17(2):4-4.
12. Akbarpour Arsanjani A, Abuei H, Behzad-Behbahani A, Bagheri Z, Arabsolghar R, Farhadi A*. **Activating transcription factor 3 inhibits NF- κ B p65 signaling pathway and mediates apoptosis and cell cycle arrest in cervical cancer cells.** *Infectious Agents and Cancer*. 2022 Dec;17(1):1-0.

13. Kargar M, Fardid R*, Farhadi A. **Muc-1 Family Tumor Markers and Their Role in the Diagnosis of Breast Cancer, Review Article.** Journal of Advanced Biomedical Sciences. 2022. 12 (4) 336-345.
14. Alipour AH, Hashemi SM, Moattari A, Farhadi A, Sarvari J*. **Epstein-Barr Virus Nuclear Antigen 1 Increases the Expression of HPV Type 18 E6 and E7 Oncogenes and BIRC5/C-MYC Cellular Genes in the Hela Cell Line.** International Journal of Molecular and Cellular Medicine (IJMCM). 2022 Jul 10;11(4):0-
15. Namdari S, Chong PP, Behzad-Behbahani A, Geramizadeh B, Nazhvani AD, Sekawi Z, Farhadi A*. **Human herpesvirus 6A and 6B and polyomavirus JC and BK infections in renal cell carcinoma and their relationship with p53, p16INK4a, Ki-67, and nuclear factor-kappa B expression.** Microbiology and Immunology. 2022 Sep 8.
16. Abuei H, Pirouzfard M, Mojiri A, Behzad-Behbahani A, Kalantari T, Bemani P, Farhadi A*. **Maximizing the recovery of the native p28 bacterial peptide with improved activity and maintained solubility and stability in Escherichia coli BL21 (DE3).** Journal of Microbiological Methods. 2022 Aug 27;106560.
17. Kasraian L, Farhadi A, Dehbidi GR, Mirzakhani MM, Sharifzadeh S, Namdari S, Behzad-Behbahani A*. **Comparing RT-qPCR and Hepatitis C Virus Antigen Detection Assay for Detecting Active Infection in Blood Donors in Fars Province, Iran.** Hepatitis Monthly. 2022 Dec 31;22(1).
18. Farhadi A*, Namdari S, Chong PP, Geramizadeh B, Behzad-Behbahani A, Sekawi Z, Sharifzadeh S. **Epstein-Barr virus infection is associated with the nuclear factor-kappa B p65 signaling pathway in renal cell carcinoma.** BMC urology. 2022;22(1):1-1.
19. Jalali S, Farhadi A, Rafiei Dehbidi G, Farjadian S, Sharifzadeh S, Ranjbaran R, Seyyedi N, Namdari S, Behzad-Behbahani A*. **The Pathogenic Aspects of Human Parvovirus B19 NS1 Protein in Chronic and Inflammatory Diseases.** Interdisciplinary Perspectives on Infectious Diseases. 2022 Jun 6;2022.
20. Kooti A, Abuei H, Farhadi A*, Behzad-Behbahani A, Zarrabi M. **Activating transcription factor 3 mediates apoptotic functions through a p53-independent pathway in human papillomavirus 18 infected HeLa cells.** Virus Genes. 2022;58(2):88-97.
21. Khajeh F, Safari F, Seyyedi N, Asadian F, Farhadi A, Behzad-Behbahani A*. **Gastric Perforation in a 60-Year-Old Woman with CMV Gastritis and Amphetamine Abuse Led to Death.** Case Reports in Gastroenterology. 2022;16(1):129-34.
22. Namdari S, Farhadi A, Khademalhosseini A, Behzad-Behbahani A, Moaddeb A*. **Emergence of Highly Multidrug-Resistant Bacteria Isolated from Patients with Infections Admitted to Public Hospitals in Southwest Iran.** Interdisciplinary perspectives on infectious diseases. 2021 Aug 13;2021.
23. Norouzi S, Farhadi A, Farzadfard E, Akbarzade-Jahromi M, Ahmadzadeh N, Nasiri M, Tamaddon G*. **MicroRNAs expression changes coincide with low or high grade of squamous intraepithelial lesion infected by HPV-16.** Gene Reports. 2021 Jun 1; 23:101186.
24. Pakdel F, Farhadi A*, Pakdel T, Andishe-Tadbir A, Alavi P, Behzad-Behbahani A, Ashraf MJ. **The frequency of high-risk human papillomavirus types, HPV16 lineages, and their relationship with**

p16 INK4a and NF-κB expression in head and neck squamous cell carcinomas in Southwestern Iran. Brazilian Journal of Microbiology. 2021 Mar;52(1):195-206.

25. Seyyedi N, Farjadian F, Farhadi A, Dehbidi GR, Ranjbaran R, Zare F, Okhovat MA, Nikouyan N, Behzad-Behbahani A*. **High yield gold nanoparticle-based DNA isolation method for human papillomaviruses genotypes from cervical cancer tissue samples.** IET nanobiotechnology. 2020 May 29;14(7):555-62.
26. Joharinia N., Faghihinejad S., Seyedi K., Farhadi A., Hosseini SY., Safaei A, Bahrapour H., Sarvari J*. **Co-existing of HSV1/2 or EBV Infection with the Presence of High-Risk HPV DNA in Cervical Lesions in the Southwest of Iran.** The Asian Pacific Journal of Cancer Prevention. 2020;21(5):1459-64.
27. Nikouyan N., Farhadi A., Gorzin AA., Geramizadeh B., Okhovat MA., Seyyedi N., Dehbidi GR., Ranjbaran R., Behzad-Behbahani A*. **A fluorometric hybridization assay for detecting and genotyping high-risk human papillomavirus 16 and 18 in archival tissues of cervical specimens.** Brazilian Journal of Microbiology. 2020 Mar;51(1):161-8.
28. Farhadi A*, Behzad Behbahani A, Yaghoobi R, Salehipour M. **Prevalence of herpes simplex virus type 1 and 2 infections in renal transplant recipients and their renal function.** Journal of Research in Urology. 2019 Dec 10;3(2):41-8.
29. Seyyedi N., Dehbidi GR., Karimi M., Asgari A., Esmaili B., Zare F., Farhadi A., Dabbaghmanesh MH., Saki F., Behzad-Behbahani A*. **Human herpesvirus 6A active infection in patients with autoimmune Hashimoto's thyroiditis.** The Brazilian Journal of Infectious Diseases. 2019 Nov 1;23(6):435-40.
30. Abuei H., Behzad-Behbahani A., Faghihi F., Farhadi A.*, Reza G., Dehbidi R., Pirouzfard M., Zare F. **The effect of bacterial peptide p28 on viability and apoptosis status of p53-null HeLa cells.** Adv Pharm Bull, 2019, 9(4).
31. Vafadar A., Mokaram P., Erfani M., Yousefi Z., Farhadi A., Elham Shirazi T., Tamaddon G*. **The effect of decitabine on the expression and methylation of the PPP1CA, BTG2, and PTEN in association with changes in miR125b, miR17, and miR181b in NALM6 cell line.** Journal of cellular biochemistry. 2019 Aug.
32. Joharinia N., Farhadi A., Hosseini SY., Safaei A., Sarvari J*. **Association of HPV16 and 18 genomic copies with histological grades of cervical lesions.** VirusDisease.:1-7.
33. Ghasemi M., Behbahani AB., Farhadi A.*, Pakdel T., Ashraf MJ. **Prevalence of BRAF V600E Mutation and Human Parvovirus B19 Infection in Thyroid Cancer.** Shiraz E-Medical Journal. 2019 June; 20(6):e84207.
34. Haghighi MF., Seyyedi N., Farhadi A., Zare F., Kasraian L., Dehbidi GR., Ranjbaran R., Behzad-Behbahani A*. **Polyomaviruses BK and JC DNA infection in peripheral blood cells from blood donors.** Brazilian Journal of Infectious Diseases. 2019 Jan;23(1):22-6.
35. Adibzadeh S, Fardaei M, Takhshid MA, Miri MR, Rafiei Dehbidi G, Farhadi A, Ranjbaran R, Alavi P, Nikouyan N, Seyyedi N, Naderi S, Eskandari A, Behzad-Behbahani A*. **Enhancing Stability of Destabilized Green Fluorescent Protein Using Chimeric mRNA Containing Human Beta-Globin 5' and 3' Untranslated Regions.** Avicenna J Med Biotechnol. 2019 Jan-Mar;11(1):112-117.

36. Namdari S., Arabsolghar R., Sharifzade S., Farhadi A., Toopchi S., Seyyedi N., Rafiei Dehbidi G., Nikouyan N., Zare F., Ranjbaran R., Behzad Behbahani A*. **Anti-HBs antibody levels and anti-HBc detection among HBV-vaccinated freshmen enrolled in the department of laboratory sciences, Shiraz University of medical sciences.** Shiraz E-Medical Journal. Accepted for publication in 2018.
37. Parsa R., Adibzadeh S., Behzad Behbahani A.*, Farhadi A., Yaghoobi R., Rafiei Dehbidi GR., Hajizamani S., Rahbar S., Nikouyan N., Okhovat MA., Naderi S., Salehi S., Alizadeh M., Ranjbaran R., Zarnegar G., Alavi P. **Detection of Hepatitis E Virus Genotype 1 Among Blood Donors From Southwest of Iran.** Hepatitis Monthly. 2016 May 18;16(6): e34202.
38. Eini, M., Behzad-Behbahani*, A., Takhshid, M.A., Ramezani, A., Dehbidi, G.R.R., Okhovat, M.A., Farhadi, A., Alavi, P. **Chimeric external control to quantify cell free DNA in plasma samples by real time PCR.** Avicenna Journal of Medical Biotechnology. 2016. 8 (2): 84-90.
39. Miri MR, Behzad-Behbahani A*, Fardaei M, Farhadi A. Talebkhan Y, Mohammadi M, Tayebinia M, Farokhinejad F, Alavi P, Fanian M, Zare F, Saberzade J, Nikouyan N, Okhovat M A, Ranjbaran R, Rafiei Dehbidi G, Naderi S. **Construction of Bacterial Ghosts for Transfer and Expression of a Chimeric Hepatitis C virus gene in Macrophages.** Journal of Microbiological Methods.2015.119: 228-232. doi:10.1016/j.mimet.2015.11.009.
40. Bahman Khalvati Fahlyan, Abbas Behzad-Behbahani*, Seiied Alireza Taghavi, Ali Farhadi, Saeede Salehi, Setare Adibzadeh, Farzaneh Aboualizadeh, Parniyan Alavi, Negin Nikouyan, Mohammad Ali Okhovat, Reza Ranjbaran, Gholam Reza Rafiei Dehbidi, Arash Shakibzadeh. **Development of an In-House TaqMan Real Time RT-PCR Assay to Quantify Hepatitis C Virus RNA in Serum and Peripheral Blood Mononuclear Cells in Patients with Chronic Hepatitis C Virus Infection.** Hepat Mon. 2015;15(8): e28895.
41. Ali Farhadi, Behzad-Behbahani*, Bita Geramizadeh, Zamberi Sekawi, Marjan Rahsaz, Sedigheh Sharifzadeh. **High-risk Human Papillomavirus Infection in Different Histological Subtypes of Renal Cell Carcinoma.** J Med Virol. 2014 86:1134–1144.
42. Farhadi, A. Behzad-Behbahani, A. Geramizadeh, B. Sekawi, Z*. Shiran, MS. Aboualizadeh, F. **Presence of Oncogenic Viruses (EBV, HH V-6, BKV and JCV) DNA Sequences in Renal Cell Carcinoma.** International Journal of Infectious Diseases, Volume 16, issue (June, 2012), p. e80.
43. Ghaznavi-Rad E, Neela V*, Nor Shamsudin M, Ghasemzadeh Moghaddam H, Tavakol M, van Belkum A, Etemadi MR, Andar-Ali AF. **Diversity in the Antimicrobial Susceptibility Patterns of Methicillin-resistant Staphylococcus Aureus Clones.** Eur J Clin Microbiol Infect Dis. 2012, 31: 3317-3321.
44. Behzad-Behbahani A*, Entezam M, Mojiri A, Pouransari R, Rahsaz M., Banihashemi M, Heidari T, Farhadi A. Azarpira N, Yaghoobi R, Jowkar Z, Ramzi M, M. Robati M. **Incidence of Human Herpes Virus-6 and Human Cytomegalovirus infections in Donated Bone Marrow and Umbilical Cord Blood Hematopoietic Stem Cells.** Indian J Med Microbiol. 2008, 26:252-5
45. Behzad-Behbahani A*, R. Pouransari, S.Z. Tabei, M.S. Rahiminejad, M. Robati, R. Yaghoobi, H. Nourani, M.M. Ramzi, A. Farhadi-Andarabi, A. Mojiri, M. Rahsaz, M. Banihashemi, and N. Zare. **Risk of Viral Transmission via Bone Marrow Progenitor Cells versus Umbilical Cord Blood Hematopoietic Stem Cells in Bone Marrow Transplantation.** Transplantation Proceedings, 2005, 37: 3211–3212.

46. Behzad-Behbahani A*, A. Mojiri, S.Z. Tabei, A. Farhadi-Andarabi, R. Pouransari, R. Yaghobi, M. Rahsaz, M. Banihashemi, S.A. Malek-hosseini, A. Javid, A. Bahador, A. Reisjalali, S. Behzadi, M. Salehipour, A. Salahl, R. Davari, P. Janghorban, A. Torb, and A.R. Salah. **Outcome of Hepatitis B and C Virus Infection on Graft Function after Renal Transplantation.** Transplantation Proceedings, 2005, 37: 3045–3047.

* Corresponding Author

References

Abbas Behzad-Behbahani

Professor of Clinical and Molecular Virology,
School of Paramedical Sciences,
Shiraz University of Medical Sciences,
Shiraz, Iran.

(+98) 711-229 5023 (Voice)

(+98) 711-228 9113 (Fax)

Mobile: 0917-1201125

E-mail: Behzadba@sums.ac.ir

Zamperi Sekawi

Professor of Medical Microbiology (Virology),
Department of Medical Microbiology & Parasitology,
Faculty of Medicine and Health Sciences,
University Putra Malaysia,
Selangor, Malaysia.

(+60) 3-89472607 (Voice)

(+60) 3-89472585 (Fax)

Mobile: (+60) 123547435

Email: zambri@ medic.upm.edu.my

Bitá Geramizadeh

Professor of Pathology,
Shiraz Transplant Research Center,
Shiraz University of Medical Science,
Shiraz, Iran.

Phone and fax: +987116276211

E-mail: geramib@sums.ac.ir

transrsh@sums.ac.ir

www.sums.ac.ir/~transrsh/