



1. Personal and Contact Information:

First and Last Name: Sayyad Khanizadeh

Academic Rank: Assistant Professor in Medical Virology

Personal Email: Khani.virologist@gmail.com

Academic Email: Khanizadeh.s@lums.ac.ir

Mobile Number: +989169597156

Office Phone Number: +6633120133

Fax Number: +6633120133

Date of Birth: 1981

Marital Status: Married

1. Assistant Professor of Medical Virology (Department of Virology, School of Medicine, Lorestan University of Medical Sciences, from 2015 to now)

5. Executive Position:

- 2009: Member of Iranian Society of Virology (continued).
- 2009: Member of Iranian Society of Microbiology (continued).
- 2018: Head of Hepatitis Research Center, Lorestan University of Medical Sciences(continued).
- 2019; Head of Department Virology, Faculty of Medicine, Lorestan University of Medical Sciences(continued).

6. Teaching Experiences:

- Medical virology Teaching for Medicine students Lorestan University of Medical Sciences (from 2015 to now).
- Medical virology Teaching for Dentist students Lorestan University of Medical Sciences (from 2015 to now).
- Medical virology Teaching for Pharmacology students Lorestan University of Medical Sciences (from 2015 to now).
- Medical virology Teaching for Lab students Lorestan University of Medical Sciences (from 2015 to now).
- Paractical virology Teaching for Lab students Lorestan University of Medical Sciences (from 2015 to now).
- Systematic virology Teaching for Master students, Lorestan University of Medical Sciences (from 2015 to now).
- General virology Teaching for Master students, Lorestan University of Medical Sciences (from 2017 to now).
- Practical virology Teaching for Master students, Lorestan University of Medical Sciences (from 2017 to now).

- Practical virology Teaching for Master students, Lorestan University of Medical Sciences (from 2017 to now).
- Specific topics in virology, Master students, Lorestan University of Medical Sciences (from 2017 to now).

7. Clinical Experiences:

- 2020: Technical Manager of Corona Virus Diagnosis Laboratory, Hepatitis Research Center Lab, Lorestan University of Medical Sciences (continued).
- 2015: Deputy of Hepatitis Research Center, Lorestan University of Medical Sciences (2018).

8. Research Field:

- □DNA and RNA extraction, PCR, Real Time – PCR, Primer Design
- Gene Cloning and Expression
- MicroRNAs and Viral Hepatitis
- Western Blot Hybridization
- ELISA
- Blood born viruses
- Viral Proteins
- Covid-19 testing

9. Grants:

10. Supervisor:

- **2019.** Seroepidemiological study of cytomegalovirus (CMV) in HIV positive patients in Khorramabad in. *Medicine student thesis.*
- **2018.** Correlation Study Between IL-28B Gene Polymorphism and Sustained Virological Response in Iranian Patients with Chronic Hepatitis C. *MSc student thesis.*

- **2018.** Correlation IL-12 Gene Polymorphism and HBV clinical course. *MSc student thesis*.

11. Advisor:

- **2019.** Seroepidemiological study of herpes simplex virus (HSV) in HIV positive patients in Khorramabad. **Medicine student thesis**.
- **2018.** HIV drug resistance. **MSc student thesis**.
- **2018.** HPV cancer and epigenetic changes in tissue cancerous. *PhD student thesis*.

12. Papers:

English:

- Mehrdad Ravanshad, Farzaneh Sabahi, Shahab Falahi, Azra kenarkoohi, Samad Amini-Bavil-Olyae, Seyed Younes Hosseini, Hossein Riahi Madvar, Sayyad Khanizade. Prediction of hepatitis B virus lamivudine resistance based on YMDD sequence data using an artificial neural network model. *Hepat Mon*.2011;11(2)
- Sayyad Khanizadeh , Mehrdad Ravanshad , Seyed Reza Mohebbi, Hamed Naghoosi, Mohamad Abraham Tahaei, Sara Romani, Pedram Azimzadeh, Azar Sanati, Mohammad Reza Zali. Polymorphisms within the Promoter Region of the Gamma Interferon (IFN- γ) Receptor1 Gene are Associated with the Susceptibility to Chronic HBV Infection in an Iranian Population. *Hepat Mon*.2012;12
- Khanizadeh S, Ravanshad M, Mohebbi SR, Naghoosi H, Mousavinasab SD, Romnani S, Azimzadeh P, Sharifian A, Zali MR. Correlation between Polymorphism of -56 SNP (T/C) Interferon- γ Receptor 1 Gene and Chronic HBV Infection. *Iranian Journal of Virology* 2011;5(2): 19-24.
- Khanizadeh S, Ravanshad M, Hosseini SY, Davoodian P, Nejati Zadeh A, Sarvari J. Blocking of SMAD4 expression by shRNA effectively inhibits fibrogenesis of human hepatic stellate cells. *Gastroenterol Hepatol Bed Bench* 2015;8(4):262-269).

- ***Sayyad Khanizadeh***, Mehrdad Ravanshad, Seyed Younes Hosseini, Jamal Sarvari, Parivash Davoodian, Farzaneh Sabahi. The evaluation of with and without protease effect of HCV NS3 protein on the expression of miRNA-122 and fibrogenesis of hepatic stellate cells. *Acta Virol.* 2016;60(3):242-8.
- ***Sayyad Khanizadeh***, Mehrdad Ravanshad, Seyed Younes Hosseini, Jamal Sarvari, Parivash Davoodian, Farzaneh Sabahi. The effect of HCV NS3 protein on the expression of miR-335, miR-150, miR-194, miR-199a, miR-27a. *Microbial pathogenesis journal.* 2017.
- P Davoodian, M Ravanshad, SY Hosseini, ***S Khanizadeh (corresponding author)***, M Almasian, the effect of TGF-B/smad signaling pathway blocking on the expression profiles of miR-335, miR-150, miR-194, miR-27a, miR-199a of hepatic stellate cells (HSCs). *Gastroenterology and Hepatology from bed to bench* 2017.10 (2), 112.
- Hadi Razavi Nikoo, Abdollah Ardebili, Mehrdad Ravanshad, Fatemeh Rezaei, Ali Teimoori, ***Sayyad Khanizadeh***, Mohammad Hassan Pouriayevali, Mehdi Ajourloo. E6-Specific Detection and Typing of Human Papillomaviruses in Oral Cavity Specimens from Iranian Patients. *Iranian biomedical journal* 2017.21 (6), 411.
- Kouros Cheraghipour, Behrouz Ezatpour, Leila Masoori, Abdolrazagh Marzban, Asghar Sepahvand, Arian Karimi Rouzbahani, Abbas Moridnia, ***Sayyad Khanizadeh***, Hossein Mahmoudvand. Anti-Candida activity of Curcumin: A review. *Current Drug Discovery Technologies.* 2020.
- Habibollah Mirzaei, Nastaran Khodadad, Chiman Karami, Roya Pirmoradi, ***Sayyad Khanizadeh (corresponding author)***, The AP-1 pathway; A key regulator of cellular transformation modulated by oncogenic viruses. *Reviews in Medical Virology.* 2020.
- Habibollah Mirzaei, Saeed Ghorbani, ***Sayyad Khanizadeh***, Haideh Namdari, Ebrahim Faghiloo, Abolfazl Akbari. Histone deacetylases in virus-associated cancers. *Reviews in Medical Virology.* 2020.
- Nazanin Lorestani, Abdolvahhab Moradi, Ali Teimoori, Maha Masodi, ***Sayyad Khanizadeh***, Mina Hassanpour, Naemeh Javid, Abdollah Ardebili, Alijan Tabarraei, Hadi Razavi Nikoo. Molecular and serologic characterization of rotavirus from children with acute gastroenteritis in northern Iran, Gorgan. *BMC gastroenterology.* 2019.
- Mehdi Ajourloo, Ashkan Alamdary, Hoorieh Soleimanjahi, Abdellah El Boulani, ***Sayyad Khanizadeh***, Hadi Razavi Nikoo. Immunization of mice by the co-administration of codon-optimized HPV16 E7 and IL12 genes against HPV16-associated cervical cancer. *Microbial pathogenesis.* 2019.

- Maysam Yousefi, Mojdeh Hakemi-Vala, Zahra Arab-Mazar, Banafsheh Hasanvand, Leila Mehrnia, **Sayyad Khanizadeh (corresponding author)**. BK Virus Viremia in the First Days After Bone Marrow Transplantation: A Case-Control Study. *Iranian Red Crescent Medical Journal*. 2019.
- **Sayyad Khanizadeh**, Banafsheh Hasanvand, Hadi Razavi Nikoo, Khatereh Anbari, Hemanta Adhikary, Somayeh Shirkhani, Hamed Esmaeili Lashgarian. Association between miRNA-146a rs2910164 (G/C) polymorphism with the susceptibility to chronic HBV infection and spontaneous viral clearance in an Iranian population. *Journal of medical virology*. 2019.
- K Cheraghipour, A Moridnia, M Sharifi, MA Mohaghegh, **S Khanizadeh**, M Nourmohammadi, H Kalan. The effect of medicinal plant extracts on helminthes: A systematic review. *Journal of Isfahan Medical School*. 2019.
- **Sayyad Khanizadeh**, Banafsheh Hasanvand, Hamed Esmaeil Lashgarian, Mohammad Almasian, Gholamreza Goudarzi. Interaction of viral oncogenic proteins with the Wnt signaling pathway. *Iranian journal of basic medical sciences*. 2018.
- Kourosh Cheraghipour, Abdolrazagh Marzban, Behrouz Ezatpour, **Sayyad Khanizadeh**, Javad Koshki. Antiparasitic properties of curcumin: A review. *AIMS Agric. Food*. 2018.

Persian:

- **Khanizadeh S**, Ravanshad M, Mohbbi R, Naghoosi H, Mousavi Nasab D, Tahaie M.E, Zali MR. The relationship between -611G/A (SNP) at promoter of interferon- γ receptor 1 gene and chronic HBV infection. (*AMUJ*). 2012; 15(66): 10-18.
- Hassanvand M, Goudarzi G, **Khanizadeh S**. The frequency of enterotoxin A and B genes among *Staphylococcus aureus* strains isolated from confectionary products and nares of its processing workers in Khorramabad city (2012). *Pejouhandeh* 2014;19(5):281-286.
- **Sayyad Khanizadeh**, Kiyana Shahzamani, Hadi Razavi Niko , Hmed Esmailli. The effect of HCV Core protein on the expression of miR-150. *yafteh journal*.2015.

13. Articles presented at national and international congresses and conferences (Oral, Poster):

- Relationship between Single-Nucleotide Polymorphism of PD1 and HBV infection. The 2nd Iranian Congress of Medical Genetics, June 2011. Tehran Imam Khomeini Hospital Conferences Center. **Poster.**
- **Association between -56 SNP at the Promoter of gamma interferon receptor-1 gene and chronic HBV infection. Fifth Congress of Clinical Microbiology, Nov. 2011. Shiraz. Poster**
- The Effect of HCV NS3 Protein on the Hepatic Fibrosis. **7th Congress of Laboratory and Clinical University of Iran, Jun 93. Poster**
- Association of polymorphism within promoter of the interferon-gamma receptor-1 gene and HBV chronicity among Iranian patients. **15th ICID Abstracts / International Journal of Infectious Diseases 16S (2012) e2–e157. Poster**
- The effects of hepatitis C virus NS3 protein on the expression of miR-122 and fibrogenesis of hepatic stellate cells in vitro. **6th International Tehran Hepatitis Conference. Lecture (oral).**
- Effectively inhibiting of fibrogenesis activity of human hepatic stellate cells by suppressing of SMAD4 gene expression, **9 th International Laboratory and Clinical Congress.**
- Seroepidemiology of hepatitis B and C virus infection in Lorestan province, Western Iran. **Second National Congress of Basic Science in Medicine and Knowledge Generation.**
- The effect of hepatitis C virus (HCV) core protein on the expression of miR-150. **7th Iranian Virology Congress.**

14. Workshops (Teaching, Presence):

- Operating and using PCR, RT-PCR, Nested-PCR
- Operating and using Real time PCR

- Research method workshop
- Introducing electronic source of Iran National Digital Medical Libratory
- New method for knowing addressee.
- End Note.
- Retrieval informati
- on from internet (Pub Med).
- E- Learning.
- Introducing advanced essay writing

15. Research Projects (Executor, Collaborator):

- Occult HCV infection in hemodialysis patients. Khorramabad Iran.2016.
- HBV infection in thalassemia and hemophilia patients. Khorramabad Iran.2017.

16. Reviewer of National and International Scientific Journals:

- Cell biology journal
- Iranian basic medical sciences
- Microbial pathogenesis
- Yafteh journal
- Herbal medicine journal

17.Membership in Scientific Associations:

- Iranian hepatitis network
- Iranian virology association

18.General Skills:

- SPSS Software
- Graph pad software
- PubMed data base

19.General interests:

- Bioinformatics
- RNDI
- Proteomics