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Scopus Author ID: GRJ-5403-2022

Researcher ID: S-9937-2018



Education

2016-2021 Ph.D. in Medical Virology, Iran University of Medical Sciences (Ph.D. degree)

2013-2016 Master of Medical Virology, Tehran University of Medical Sciences, (Master degree)

2011-2013 Veterinary Laboratory Sciences, University of Tabriz (Bachelor's degree)

2008-2011 Veterinary Associate, University of Tabriz (Associate degree)

Title of MSc Thesis: Evaluation of the overt and occult hepatitis b infection among behcet patient in tehran shariati hospital

Title of PhD Thesis: Evaluation of Parvovirus B19 infection, expression levels of inflammatory biomarkers, and expression levels of miR-21, 30c, 149, and miR519d among atherosclerosis patinets refered to rasoul akram hospital

Experiences

Various aspects of molecular biology, particularly its application in virology:

DNA and RNA Extraction

PCR (Multiplex real-time and standard) & RT PCR

Cell Culture

Virus Culture

Serological test Setup

Molecular Test Setup

Virus Genotyping

Direct Sequencing

Different soft wares for molecular biological studies (Bioedit, MEGA, Chromas, EndNote, etc

Quality control for molecular diagnostic laboratory

Design of meta-analysis study

Reviewer of an article for (Reviews in Medical Virology, Cancer Medicine, Journal of Medical virology, and Hepatitis monthly) journals

Workshop instructor at Congress

Teaching courses

- Medical virology for Nursing, Health Information Technology, Entomology, Nutrition, and Midwifery.

Courses:

- Laboratory quality control workshop
- Workshop on writing scientific articles
- Meta-analysis article writing workshop
- Workshop on using social media in medical sciences
- Teaching method workshop
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International Records:

1100 SARS-CoV-2 gene sequences cited in GenBank

Book(تالیف کتاب) :

1-کتاب دیابت و ویروس ها

2- کتاب کاربرد بانک های اطلاع رسانی بیوانفورماتیک

Professional Membership

- Iranian Society of virology

Honor, and Awards

The best student of the Faculty of Veterinary Medicine in Tabriz University in 2011

Rank 1 of associate degree exam in 2011

Rank 5 in the master's exam of 2013

The rank of two PhD exams in 2015

Member of the National Elite Foundation since 2018

Publications

2023

Investigation of parvovirus B19 Infection among Iranian Patients with Behcet's Disease

Z Salavatiha, S Ghorbani, A Tavakoli, SJ Kiani, K Ghasemi, SH Monavari

Iranian Journal of Medical Microbiology 17 (6), 4-4

Amlodipine and Diltiazem Significantly Repress Human Rotavirus Infection In Vitro

P Khales, H Keyvani, A Ataei-Pirkooh, MM Saghafi, F Bokharaei-Salim, ...

Recent Advances in Anti-Infective Drug Discovery Formerly Recent Patents on ...

The Molecular Prevalence of Varicella-Zoster Virus and Human Herpesvirus Types 6 and 7 in Sperm Samples of Infertile Men

Z Safaie, S Ghorbani, Z Salavatiha, A Tavakoli, SJ Kiani, SH Monavari

International Journal of Medical Laboratory

Prevalence of Human Cytomegalovirus Infection in Iranian Prostate Cancer Patients

E Alborzi, A Tavakoli, SJ Kiani, S Ghorbani, D Javanmard, M Sabaei, ...

Iranian Journal of Medical Microbiology 17 (4), 379-386

COVID-19 and Kawasaki Disease: Kawasaki-Like Disease Case Report in Iran

MJ Hosseini, S Ghorbani, S Momeni, R Ranjbar

Iranian Journal of Medical Microbiology 17 (3), 373-376

Efficacy of Hepatitis B Vaccination Procedures in Infants and Children Born from HBsAg-positive Mothers in Iran: A Case Study of Khorasan Razavi Province, Iran

R Ahmadi, B Aghcheli, AM Hosseinpour, S Niroumand, Z Mohammadi, ...
International Journal of Enteric Pathogens 11 (2), 51-56

Acute Viral Gastroenteritis

P Khales, S Motlaghzadeh, S Ghorbani
Int J Enteric Pathog 11 (2), 81-82

Association between human Epstein–Barr virus and brain cancer: a systematic review and meta-analysis

S Ghorbani, V Tambrchi, R Farzi, A Khatami, RN Samiei, H Saadati, ...
Future Virology

Complete Inhibition of Human Rotavirus Infection by the Aqueous Extract of Scrophularia variegata

P Khales, F Shahi, S Ghorbani, A Esteghamati, S Sayyahfar, K Khanaliha, ...
Anti-Infective Agents 21 (2), 86-93

Association between Epstein-Bar virus and colorectal cancer: A systematic review and meta-analysis

EJ Maskouni, T Jamalvandi, F Tabatabaei, SB Shirazi, H Saadati, ...
Microbial Pathogenesis, 106087

Global epidemiology of HBV infection among hemodialysis patients: A systematic review and meta-analysis

Z Khalesi, MH Razizadeh, M Javadi, A Bahavar, Z Keyvanlou, H Saadati, ...
Microbial Pathogenesis, 106080

Association between human herpesviruses and multiple sclerosis: A systematic review and meta-analysis

Z Khalesi, V Tamrchi, MH Razizadeh, A Letafati, P Moradi, A Habibi, ...
Microbial Pathogenesis, 106031

High resolution melting curve analysis for rapid detection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) variants.

SJ Kiani, M Ramshini, F Bokharaei-Salim, T Donyavi, B Eshrati, ...
Acta virologica 67 (1)

2022

Characterization of occult hepatitis B infection among Iranian liver transplant recipients

A Khamseh, V Poortahmasebi, S Soltani, M Nasiritoosi, A Jafarian, ...
Journal of Clinical Laboratory Analysis 36 (10), e24614

Association between human polyomavirus infection and brain cancer: A systematic review and meta-analysis

V Tambrchi, H Saadati, P Moradi, Z Keyvanlou, S Advay, M Nili, S Abdi, ...
Microbial pathogenesis, 105797

Evaluation of miRNA-122, miRNA-149, miRNA-199a, and miRNA-let7 Expression in HIV, HBV, and HIV-HBV Co-infected Patients

SS Moochani, M Moghoofei, A Tavakoli, A Tabibzadeh, S Ghorbani, ...
Iranian Journal of Medical Microbiology 16 (5), 420-429

In Vitro Assessment of The Effects of Althaea Officinalis Root Extract on Rotavirus Multiplication

P Khales, SM Seyed Khorrami, S Ghorbani, M Farahmand, A Esteghamati, ...
Iranian Journal of Virology 16 (1), 1-6

Expression levels of miR-22, miR-30c, miR-145, and miR-519d and their possible associations with inflammatory markers among patients with coronary artery disease

S Ghorbani, SH Sezavar, F Bokharaei-Salim, A Ataei-Pirkooh, A Tavakoli, ...
ARYA atherosclerosis 18 (3), 1

Association between human herpesvirus-6 and primary brain tumors: a systematic review and meta-analysis

S Ghorbani, A Letafati, A Khatami, R Farzi, S Shabani, P Moradi, ...
Future Virology 17 (5), 305-314

Salivirus infection: Systematic review and meta-analysis of association with gastrointestinal symptoms

in children

MM Kesheh, A Khatami, H Saadati, M Jabbari, MH Razizadeh, ...
Reviews in Medical Virology 32 (1), e2238

Global prevalence and genotype distribution of norovirus infection in children with gastroenteritis: a meta-analysis on 6 years of research from 2015 to 2020

M Farahmand, M Moghoofei, A Dorost, Z Shoja, S Ghorbani, SJ Kiani, ...
Reviews in medical virology 32 (1), e2237

2021

Effectiveness of COVID-19 vaccines against Delta (B. 1.617. 2) variant: a systematic review and meta-analysis of clinical studies

A Pormohammad, M Zarei, S Ghorbani, M Mohammadi, ...
Vaccines 10 (1), 23

Epidemiologic and Clinical Characteristics of 186 Hospitalized Patients with Covid-19 in Tehran, Iran: A Retrospective, multi-Center Case Series

S Papizadeh, P Moradi, M Havasi Mehr, S Amerkani, R Farhadi Nezhad, ...
Iranian Journal of Virology 15 (2), 88-94

Adenovirus-36 DNA in Adipose Tissue of Iranian Patients with Severe Obesity and A Paradoxical Alteration of Serum Lipids Due to the Virus

V Tambrchi, S Ghorbani, A Pazouki, SJ Kiani, S Mokhber, A Kabir, ...
مجله ویروس شناسی ایران 15 (2), 21-15

Molecular investigation of human cytomegalovirus and Epstein-Barr virus in glioblastoma brain tumor: a case-control study in Iran

H Ghaffari, A Tavakoli, M Faranoush, A Naderi, SJ Kiani, A Sadeghipour, ...
Iranian Biomedical Journal 25 (6), 426

Clinical characteristics and outcomes of pregnant women with COVID-19 and comparison with control patients: A systematic review and meta-analysis

M Jafari, A Pormohammad, SA Sheikh Neshin, S Ghorbani, D Bose, ...
Reviews in medical virology 31 (5), 1-16

Molecular and serological markers of human parvovirus B19 infection in blood donors: A systematic review and meta-analysis

M Farahmand, A Tavakoli, S Ghorbani, SH Monavari, SJ Kiani, ...
Asian Journal of Transfusion Science 15 (2), 212

Efficacy and safety of COVID-19 vaccines: a systematic review and meta-analysis of randomized clinical trials

A Pormohammad, M Zarei, S Ghorbani, M Mohammadi, MH Razizadeh, ...
Vaccines 9 (5), 467

Two rivals or colleagues in the liver? Hepatitis B virus and Schistosoma mansoni co-infections: a systematic review and meta-analysis

A Khatami, S Bahadory, S Ghorbani, H Saadati, M Zarei, A Soleimani, ...
Microbial pathogenesis 154, 104828

Comparison of influenza type A and B with COVID-19: A global systematic review and meta-analysis on clinical, laboratory and radiographic findings

A Pormohammad, S Ghorbani, A Khatami, MH Razizadeh, E Alborzi, ...
Reviews in medical virology 31 (3), e2179

Characterization of Occult Hepatitis B Virus Infection Among Iranian Patients with Behcet's Disease; Correlation with Clinical Status

F Shahram, S Ghorbani, M Mahmoudi, M Akhlaghi, Z Jadali, V Imeni, ...
Hepatitis Monthly 21 (1)

Human cytomegalovirus and Epstein-Barr virus infections in breast cancer: A molecular study on Iranian women

H Ghaffari, A Tavakoli, N Nafissi, M Farahmand, S Ghorbani, ...
Breast Disease 40 (4), 227-233

MicroRNAs profiling in HIV, HCV, and HIV/HCV co-infected patients

M Moghoofei, S Najafipour, S Mostafaei, A Tavakoli, F Bokharaei-Salim, ...
Current HIV research 19 (1), 27-34

2020

Bovine Leukemia virus (BLV) and risk of breast cancer: a systematic review and meta-analysis of case-control studies

A Khatami, A Pormohammad, R Farzi, H Saadati, M Mehrabi, SJ Kiani, ...
Infectious Agents and Cancer 15, 1-8

Clinical characteristics, laboratory findings, radiographic signs and outcomes of 61,742 patients with confirmed COVID-19 infection: A systematic review and meta-analysis

A Pormohammad, S Ghorbani, B Baradaran, A Khatami, RJ Turner, ...
Microbial pathogenesis 147, 104390

Tips for molecular detection of SARS-CoV-2 using Real-time PCR method

J Kiani, S Ghorbani, F Seif, M Khoshmirsafa, F Bokharaei
Razi Journal of Medical Sciences 27 (6), 113-165

Comparison of confirmed COVID-19 with SARS and MERS cases-Clinical characteristics, laboratory findings, radiographic signs and outcomes: a systematic review and meta-analysis

A Pormohammad, S Ghorbani, A Khatami, R Farzi, B Baradaran, ...
Reviews in Medical Virology 30 (4), e2112

Assessment of key elements in the innate immunity system among patients with HIV, HCV, and coinfections of HIV/HCV

M Moradi, A Tabibzadeh, D Javanmard, S Ghorbani, F Bokharaei-Salim, ...
Current HIV Research 18 (3), 194-200

No evidence of Human Cytomegalovirus infection among Behcet's Patients

S Ghorbani, D Javanmard, SJ Kiani, A Tavakoli, SS Moochani, ...
Iranian Journal of Medical Microbiology 14 (2), 133-137

Histone deacetylases in virus-associated cancers

H Mirzaei, S Ghorbani, S Khanizadeh, H Namdari, E Faghihloo, A Akbari
Reviews in medical virology 30 (1), e2085

2019

Measurement of serum hepatitis B surface antibody levels in Iranian autistic children and evaluation of immunological memory after booster dose injection in comparison with ...

S Barfi, C Narges, HR Pouretamad, V Poortahmasebi, M Norouzi, ...
Journal of Medical Virology 91 (7), 1272-1278

Association between human papillomavirus infection and prostate cancer: A global systematic review and meta-analysis

SHM Mohsen Moghoofei, Mohsen Keshavarz, Saeed Ghorbani, Farhad Babaei, Javid ...
Asia-Pacific Journal of Clinical Oncology, 1-9

2018

miRNA-based strategy for modulation of influenza A virus infection

M Keshavarz, H Dianat-Moghadam, VH Sofiani, M Karimzadeh, M Zargar, ...
Epigenomics 10 (6), 829-844

Detection of HBV genome in the plasma and peripheral blood mononuclear cells of Iranian HBsAg negative patients with HIV infection: occult HBV infection

Z Tajik, F Bokharaei-Salim, S Ghorbani, H Keyvani, M Esghaei, ...
Archives of virology 163, 1559-1566

Research background

2013-2016: During the master's course, I investigated the prevalence and any association of Occult hepatitis B (OBI) infection with Behcet disease.

2016-2021: During the Ph.D. course, I investigated the association of B19 infection with atherosclerosis, furthermore, we evaluated the expression levels of miR-22, miR-30c, miR-145, and miR-519d among atherosclerosis patients and the association of Erythropoietin with B19 infection.

2018-2019: we evaluated the expression levels of some miRNAs among HIV, HCV and HIV/HCV co-infection patients

2019-2020: we evaluated the association of some viruses (HSV, VZV, EBV and CMV) with Glial Tumor

2020-2021: we investigated the correlation between clinical manifestation, laboratory finding, Chest CT-Scan and outcome of COVID-19 patients

2020-2022: During the coronavirus pandemic, I published several meta-analysis studies on coronavirus in collaboration with the University of Calgary, Canada, and Harvard, USA.