

Curriculum Vita

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Ph.D in Medical Virology

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Research interest:

In addition to some clinical virology research, my recent study is involved on the different clinical and molecular aspects of Herpesviridae.

H index: 20

Recent Publications:

The chicken chorioallantoic membrane model for isolation of CRISPR/cas9-based HSV-1 mutant expressing tumor suppressor p53, 2023, M Kelishadi, H Shahsavarani, **A Tabarraei**, MA Shokrgozar, ... , Plos one 18 (10), e0286231

Genomic analysis of SARS-CoV-2 variants: diagnosis and vaccination challenges
H Abbasi, M Behrouzikhah, M Divbandi, **A Tabarraei**, A Khosravi, ..., 2023
Journal of Biomolecular Structure and Dynamics, 1-13

Role of host immunity and HBx among inactive chronic hepatitis B patients in a highly endemic region, 2023, N Yousefpoor, M Mahdavian, Z Pourbagher, SA Ghezeldasht, A Mosavat, **A, Tabarraei**..., Microbial Pathogenesis, 106170

Antimicrobial Resistance Patterns of Staphylococcus saprophyticus Isolates Causing Urinary Tract Infections in Gorgan, North of Iran, 2023 , M Rafiee, **A Tabarraei**, M Yazdi, A Mohebbi, EA Ghaemi, Medical Laboratory Journal 17 (2), 33-38

Implementation of an in-house platform for rapid screening of SARS-coV-2 genome variation, 2023, FZ Ashrafi, M Mohseni, M Beheshtian, Z Fattahi, F Ghodrattpour, **A Tabarraei** ..., Archives of Iranian Medicine 26 (2), 69-75

Hepatitis B virus in cervicovaginal lavage samples of pregnant women in Gorgan city, north of Iran, 2023, A Vaez, HR Niko, SD Hosseini, E Mobasheri, **A Tabarraei**
Medical Laboratory Journal 17 (5), 24

EBNA1 Upregulates P53-Inhibiting Genes in Burkitt's Lymphoma Cell Line, 2023, SMA Hashemi, A Moradi, SY Hosseini, HR Nikoo, T Bamdad, **A Tabarraei**, ...
Reports of Biochemistry & Molecular Biology 11 (4), 672

Hepatitis B virus X protein induces expression changes of miR-21, miR-22, miR-122, miR-132, and miR-222 in Huh-7 cell line, 2023, M Khosravi, E Behboudi, H Razavi-Nikoo, **A Tabarraei**, Articles in Press, Accepted Manuscript, Archives of Razi Institute

An in vitro antiviral evaluation of punicalagin toward influenza A virus
Articles in Press, Accepted Manuscript, Available Online from 25 November 2023
Fatemeh Javadi-Farsani; Ali Karimi; Hadi Razavi Nikoo; Mohammad-Taghi Moradi;
Alijan Tabarraei

Molecular and Serological Epidemiology of Herpes Simplex Virus Type 1 and 2 in
Pregnant Women of Gorgan City, North East of Iran, 2023, SD Hosseini, M Yasaghi,
E Mobasheri, H Razavi Nikoo, **A Tabarraei**. Journal of Reproduction & Infertility 24
(1), 35-42

A review on human reproductive systems encountering with the severe acute
respiratory syndrome coronavirus 2 infection, 2023, E Samadian, B Aghcheli, R
Gharaei, **A Tabarraei**, International Journal of Reproductive BioMedicine (IJRM), 1–
16-1–16

A New Insight Into p53-Inhibiting Genes in Epstein–Barr Virus-Associated Gastric
Adenocarcinoma, 2023, SMA Hashemi, A Moradi, SY Hosseini, H Razavi Nikoo, T
Bamdad, **A Tabarraei** ..., Iranian biomedical journal 27 (1), 34-45

Antimicrobial Resistance Patterns of Staphylococcus saprophyticus Isolates Causing
Urinary Tract Infections in Gorgan, North of Iran, 2023, M Rafiee, **A Tabarraei**, M
Yazdi, A Mohebbi, EA Ghaemi, Medical Laboratory Journal 17 (2), 33-38

Molecular detection of HHV-1, HHV-2, HHV-5 and HBV in semen of fertile and
infertile men by multiplex PCR method, 2022, M Yasaghi, SD Hosseini, A Moradi, M
Hassanpour, **A Tabarraei**, Iranian Journal of Microbiology 14 (6), 921-927

Quantitative analysis of Merkel cell polyomavirus (MCPyV) genome in non-
melanoma skin cancer and normal tumor margins, 2022, A Hasanzadeh, F Sadeghi, G
Kamrani, N Mohammadi, Z Vosough, **A Tabarraei** ... Brazilian Journal of
Microbiology, 1-8

Detection of SARS-CoV-2 genome in the air, surfaces, and wastewater of the referral
hospitals, Gorgan, north of Iran, 2022, FR Ziarani, A Tahamtan, H Safari, **A**
Tabarraei, YD Shahamat, Iranian Journal of Microbiology 14 (5), 617-623

RT-LAMP in SARS-CoV-2 detection: point to improve primer designing and
decrease molecular diagnosis pitfalls, 2022, H Teimouri, M Rahimi, M Taheri, **A**
Tabarraei, M Shahbazi, S Omidvar, ..., Expert Review of Molecular Diagnostics 22
(10), 953-961

Serum cytokine/chemokine profile and clinical/paraclinical data in COVID-19
deceased and recovered patients, 2022, B Aghcheli, E Behboudi, **A Tabarraei**, H
Razavi Nikoo, A Rajabi, A Moradi, ..., European Journal of Inflammation 20,
1721727X221125436

Research Note: Effect of corn silage and alfalfa meal as alternative induced molt
methods to improving Salmonella Enteritidis resistance in laying hens, 2022,
H Ayasi, B Dastar, T Ghoorchi, SR Hashemi, **A Tabarraei**, M Alemi, Poultry Science
101 (9), 101984

Assessment and Molecular Docking of SARS-CoV-2 NSP3 and NSP12 Mutants in Iranian Patients in Golestan Province, 2022, E Behboudi, A Tabarraei, A Tahamtan, MR Kalani, A Moradi, International Journal of Pediatrics 10 (7), 16370-16380

SARS-CoV-2 outbreak in Iran: The dynamics of the epidemic and evidence on two independent introductions, 2022, Z Fattahi, M Mohseni, K Jalalvand, F Aghakhani Moghadam, A Tabarraei, ...Transboundary and emerging diseases 69 (3), 1375-1386

Anti-inflammatory effects of curcumin-loaded niosomes on respiratory syncytial virus infection in a mice model, 2022, S Samadzadeh, MS Arabi, M Yasaghi, V Salimi, A Tabarraei, A Moradi, ..., Journal of medical microbiology 71 (4), 001525

Recovery of olfactory and gustatory dysfunctions in coronavirus disease 2019 patients: a prospective cohort study, 2022, MHT Balajelini, MA Vakili, A Rajabi, M Mohammadi, A Tabarraei, ...,The Journal of Laryngology & Otology 136 (4), 321-328

Real-time PCR Ct value in SARS-CoV-2 detection: RdRp or N gene?, 2022, H Abbasi, A Tabarraei, SM Hosseini, A Khosravi, HR Nikoo, Infection 50 (2), 537-540

Evaluation of biochemical characteristics of 183 COVID-19 patients: A retrospective study, 2022, SM Mir, A Tahamtan, HR Nikoo, MS Arabi, AW Moradi, S Ardakanian, A Tabarraei ..., Gene Reports 26, 101448

COVID-19 in pediatrics: demographic, clinical, laboratory, and radiological characteristics of infected patients with SARS-CoV-2, 2022, M Najafinejad, F Cheraghali, B Aghcheli, A Rajabi, L Barati, H Naziri, A Tabarraei ..., Frontiers in pediatrics 9, 1647

Identification of SARS-CoV-2 Genome in the Blood Samples of COVID-19 Patients, 2022, B Aghcheli, A Moradi, A Tabarraei, H Naziri, MR Kalani, A Tahamtan Journal of Gorgan University of Medical Sciences 23 (4), 40-46

Curcumin inhibits the replication of rotavirus in vitro.2022, M Hassanpour, A Tazarghi, A Teimoori, A Tabarraei, V Erfani-Moghadam, ..., Acta Virologica 66 (2), 166-171

Recently Discovered Iranian Population of Roussettus leschenaultii (Chiroptera; Petropodidae), Highlighting the Essential Need for Taxonomic Expertise in Applied Medical Sciences, 2022, Z Mohammadi, A Tabarraei, F Ghorbani, A Khajeh, HG Kami, S Shahabi, ..., Journal of Health Sciences & Surveillance System 10 (1), 62-70

Genetic variation in *CYP1A1* and *AHRR* genes increase the risk of *systemic lupus erythematosus* and exacerbate disease severity in smoker patients, 2021, M Saghaeian Jazi, S Mohammadi, M Zare Ebrahimabad, S Sedighi, A Tabarraei ..., Journal of Biochemical and Molecular Toxicology 35 (12), e22916

Disease waves of SARS-CoV-2 in Iran closely mirror global pandemic trends

Z Fattahi, M Mohseni, M Beheshtian, A Jafarpour, K Jalalvand, Alijan Tabarraei,...
MedRxiv, 2021.10. 23.21265086

A case series of pediatric COVID-19 with complicated symptoms in Iran
Fatemeh Cheraghali, Leila Barati, Dayan Amanian, Lobat Shahkar, Maryam
Najafinejad, Hamed Naziri, Somayeh Shahabi, Alijan Tabarraei, Alireza Tahamtan,
2021, Future Virology 16 (10), 649-656

Epidemiological and clinical characteristics of the COVID-19 epidemic and
associated factors for mortality in Golestan province, Iran: a retrospective cohort
study, Journal of Preventive Medicine and Hygiene 62 (2), E298,
MR Honarvar, G Roshandel, H Shirzad-Aski, A Tabarraei, A Tahamtan, ...

Virus load and incidence of olfactory, gustatory, respiratory, gastrointestinal disorders
in COVID-19 patients: A retrospective cohort study. 2021, MH Taziki Balajelini, A
Rajabi, M Mohammadi, HR Nikoo, A Tabarraei, ..., Clinical Otolaryngology 46 (6),
1331-1338

Functional variation (Q63R) in the cannabinoid CB2 receptor may affect the severity
of COVID-19: a human study and molecular docking, 2021, M Rastegar, S
Samadzadeh, M Yasaghi, A Moradi, A Tabarraei, V Salimi, ... Archives of Virology
166, 3117-3126

Advanced sequence optimization for the high efficient yield of human group A
rotavirus VP6 recombinant protein in Escherichia coli and its use as immunogen
M Masoudi, A Teimoori, A Tabarraei, M Shahbazi, M Divbandi, N Lorestani, ...
Journal of Medical Virology.2021. 93 (6), 3549-3556

Human gene polymorphisms and their possible impact on the clinical outcome of
SARS-CoV-2 infection. SMA Hashemi, M Thijssen, SY Hosseini, A Tabarraei, MR
Pourkarim, ... Archives of Virology, 2021. 1-20

Case Report: Detection of SARS-CoV-2 From Cerebrospinal Fluid in a 34-Month-
Old Child With Encephalitis. F Cheraghali, A Tahamtan, SA Hosseini, MH Gharib, A
Moradi, ...Frontiers in paediatrics. 2021. 9, 194

SARS-CoV-2 outbreak in Iran: The dynamics of the epidemic and evidence on two
independent introductions. Z Fattahi, M Mohseni, K Jalalvand, F Aghakhani
Moghadam, ... Transboundary and emerging diseases. 2021

Viruria of Human BK Virus and John Cunningham Virus among Renal Transplant
Recipients and Healthy Control in Southeast of Caspian Sea
F Safaei, A Mohebbi, M Hassanpour, HR Nikoo, A Tabarraei. Intervirology. 2021.
64 (2), 1-8

Epidemiology of extrapulmonary tuberculosis in Northeast of Iran. A Nikonajad, SA
Azimi, A Allami, R Qasemi Bargi, A Tabarraei. Medical Laboratory Journal. 2021.
15 (1), 1-7

Using Anti-SARS-CoV-2 IgG and IgM Antibodies to Detect Outpatient Cases with

Olfactory and Taste Disorders Suspected as Mild Form of COVID-19: a Retrospective Survey. MHT Balajelini, MA Vakili, M Saeidi, **A Tabarraei**, SM Hosseini. *SN comprehensive clinical medicine*.2020. 2 (12), 2554-2560

Variants in Intron 4 of PD-1 Gene are Associated with the Susceptibility to SLE in an Iranian Population. Y Khanjari, M Oladnabi, N Abdollahi, A Heidari, S Mohammadi, ... *Iranian Journal of Immunology*. 2020. 17 (3), 204-214

Ten challenging questions about SARS-CoV-2 and COVID-19. M Teymoori-Rad, S Samadizadeh, **A Tabarraei**, A Moradi, MB Shahbaz, ... *Expert review of respiratory medicine*. 2020. 14 (9), 881-888

Prevalence of Human Papillomavirus Genotypes in Patients with Genital Warts in Gorgan, Iran. M Mehri, S Hosseinzadeh Kakroudi, FS Askari, A Mohebbi, **A Tabarraei**. *Journal of Clinical and Basic Research*. 2020. 4 (2), 0-0

Prevalent latent human cytomegalovirus genotype b2 in biopsy samples of gastric cancer. A Mohebbi, Z Mamizadeh, H Bagheri, F Sharifnezhad, **A Tabarraei**, ... *Future Virology*. 2020. 15 (02), 71-78

Expression and purification of HCMV glycoprotein B full protein in Escherichia coli. S Azadfar, A Yamchi, A Majd, **A Tabarraei** *Journal of Complementary Medicine Research*. 2020. 11 (3), 60-67

Inhibition of H1N1 influenza virus infection by zinc oxide nanoparticles: another emerging application of nanomedicine. H Ghaffari, A Tavakoli, A Moradi, **A Tabarraei**, F Bokharaei-Salim, ... *Journal of biomedical science*, 2019,26 (1), 70

Molecular and serologic characterization of rotavirus from children with acute gastroenteritis in northern Iran, Gorgan. N Lorestani, A Moradi, A Teimoori, M Masodi, S Khanizadeh, **A Tabarraei** ... *BMC gastroenterology*. 2019,19 (1), 100

Presence of GB Virus C in Whole-Blood Derivatives: A Pilot Study. M Kelishadi, P Hashemi, GH Ashrafi, N Behnampour, **A Tabarraei**. *Medical Laboratory Journal* 2019, 13 (5), 26-31

Cannabinoid CB2 Receptor Functional Variation (Q63R) Is Associated with Multiple Sclerosis in Iranian Subjects. A Tahamtan, S Rezaei, S Samadizadeh, A Moradi, **A Tabarraei**, N Javid, ... *Journal of Molecular Neuroscience*, 2019m 1-6

Cell Death Mechanisms in Esophageal Squamous Cell Carcinoma Induced by Vesicular Stomatitis Virus Matrix Protein. Y Douzandegan, A Tahamtan, Z Gray, HR Nikoo, **A Tabarraei**, A Moradi. *Osong public health and research perspectives* 2019,10 (4), 246

M51R and Delta-M51 matrix protein of the vesicular stomatitis virus induce apoptosis in colorectal cancer cells. Z Gray, **A Tabarraei**, A Moradi, MR Kalani *Molecular biology reports* 2019, 46 (3), 3371-3379

Investigation of the Possible Association between Human Cytomegalovirus and

Pterygium Development. M Kelishadi, M Kelishadi, GH Ashrafi, A Tabarraei
Medical Laboratory Journal 2019, 13 (4), 1-4

Frequency of Human Herpesvirus 6 (HHV-6) in Pterygium Using Real-Time PCR Based on SYBR-Green I Fluorescence. M Kelishadi, M Kelishadi, A Ahmadi, N Javid, GH Ashrafi, A Tabarraei. Medical Laboratory Journal 2019, 13 (2), 16-22

Study of the mechanisms of crocetin-induced differentiation and apoptosis in human acute promyelocytic leukemia cells. M Moradzadeh, A Ghorbani, S Erfanian, ST Mohaddes, H Rahimi, A Tabarraei ... Journal of cellular biochemistry 2019, 120 (2), 1943-1957

Interleukin 10 gene promoter polymorphisms (rs1800896, rs1800871 and rs1800872) and haplotypes are associated with the activity of systemic lupus erythematosus and IL10 levels ... S Mohammadi, M Saghaeian Jazi, M Zare Ebrahimabad, F Eghbalpour, A Tabarraei... International journal of immunogenetics 2019, 46 (1), 20-30

Non-replicating Newcastle Disease Virus as an adjuvant for DNA vaccine enhances antitumor efficacy through the induction of TRAIL and granzyme B expression. A Mohebbi, MS Ebrahimzadeh, SB Rahimi, M Saeidi, A Tabarraei, ... Virus research 2019, 261, 72-80

Hepatitis B virus reverse transcriptase polymorphisms between treated and treatment-naïve chronically infected patients. A patients Rezanezhadi, M., Mohebbi, A., Askari, F.S., Hosseini, S.D., Tabarraei, A. VirusDisease 2019

Analysis of poliovirus receptor, CD155 expression in different human colorectal cancer cell lines: Implications for poliovirus virotherapy. S Zhand, SM Hosseini, A Tabarraei, A Moradi, M Saeidi. Journal of cancer research and therapeutics 2019,15 (1), 61

Antitumor Immunity Induced by Genetic Immunization with Chitosan, Nanoparticle Formulated Adjuvanted for HPV-16 E7 DNA Vaccine. A Tahamtan, M Barati, A Tabarraei, SR Mohebbi, S Shirian, A Gorji, ... Iranian Journal of Immunology 2018, 15 (4), 269-280

Mucosal immune parameters, immune and antioxidant defence related genes expression and growth performance of zebrafish (*Danio rerio*) fed on *Gracilaria gracilis* powder. SH Hoseinifar, S Yousefi, G Capillo, H Paknejad, M Khalili, A Tabarraei, ... Fish & shellfish immunology 2018, 83, 232-237

What family doctors know about congenital CMV: a regional survey in Iran
AH Adli, C Karami, SB Rahimi, A Mirarab, A Tabarraei. Italian journal of pediatrics 2018, 44 (1), 31

Survey of Coronaviruses Infection among Patients with Flu-like Symptoms in the Golestan Province, Iran. H Khani, A Tabarraei, A Moradi, Medical Laboratory Journal 2018, 12 (6), 1-4

CINNAMON AND ROSEMARY ESSENTIAL OILS INCORPORATED INTO

ALGINATE COATING IMPROVE CHEMICAL AND SENSORIAL QUALITY OF CHICKEN MEAT, M Aminzare, M Raeisi, A Afshari, A Tabarraei. Iranian Journal of Chemistry and Chemical Engineering (IJCCE) 2018

Optimization of SW480 Colon Cancer Cells Transfection with Lipofectamine 2000, Z Gray, Y Douzandegan, A Tabarraei, A Moradi, Medical Laboratory Journal 2018, 12 (4), 12-16

Ahmad Hosseinzadeh Adli, Alijan Tabarraei*, et al, What family doctors know about congenital CMV: a regional survey in Iran, Italian Journal of Pediatrics, 2018, 44:31

Zahra Najafimemar, Alijan Tabarraei, et al, Prevalence and Genotyping of Torque Teno Virus in HBV/HIV and Chronic HBV Patients in Iran, Iranian biomedical Journal, 2018, 22, 5.

S Zhand, A Tabarraei, et al, Analysis of poliovirus receptor, CD155 expression in different human colorectal cancer cell lines: Implications for poliovirus virotherapy. Medknow Publications, 2018

L Jahangiri, A Tabarraei, et al, Isolation of Probiotic Bacteria from Guppy *Poeciliareticulata* (Cyprinodontiformes:Poecilidae), Turkish Journal of Fisheries and Aquatic Sciences 2018, 18 (6), 809-815

M Pourmomen, A Tabarraei*, et al, Characterization of Gastrointestinal Human Cytomegalovirus Infection in Biopsy Samples from Urease Positive Patients Journal of Clinical and Basic Research 2018, 2 (1), 11-15

A Mohebbi, A Tabarraei, et al, An Overview of Hepatitis B Virus Surface Antigen Secretion Inhibitors, Frontiers in microbiology 2018, 9, 662

M Moradzadeh, A Tabarraei, et al, Epigallocatechin-3-gallate enhances differentiation of acute promyelocytic leukemia cells via inhibition of PML-RAR α and HDAC1 Phytotherapy Research 2018, 32 (3), 471-479

M Moradzadeh, A Tabarraei*, et al, Anti-tumor effects of crocetin and related molecular targets, Journal of cellular physiology 2018, 233 (3), 2170-2182

N Javid, A Tabarraei*, et al, Detection of human herpes virus type-6 in patients undergoing hemodialysis, Future Virology 2018, 13 (4), 237-243

M Moradzadeh, A Tabarraei, et al, Kaempferol increases apoptosis in human acute promyelocytic leukemia cells and inhibits multidrug resistance genes, Journal of cellular biochemistry 2018, 119 (2), 2288-2297

M Moradzadeh, A Tabarraei, et al, Short-term in vitro exposure to crocetin promotes apoptosis in human leukemic HL-60 cells via intrinsic pathway, Acta Poloniae Pharmaceutica-Drug Research 2018, 75 (2), 445-451

Y Khanjari, A Tabarraei*, et al, Frequency of PDCD1. 3 gene polymorphisms in systemic lupus erythematosus patients. Journal of Gorgan University of Medical Sciences 2018, 20 (1)

M Shojaa, A Tabarraei, et al, Association between 318C/T polymorphism of the CTLA-4 gene and systemic lupus erythematosus in Iranian patients, International journal of rheumatic diseases 2017, 20 (12), 2040-2044

A Mohebbi, A Tabarraei*, et al, Hepatitis B virus x protein coding sequence variation in chronically infected patient. Journal of Gorgan University of Medical Sciences 2017, 19 (3)

N Javid, A Tabarraei*, et al, Human cytomegalovirus UL54 and UL97 mutations for detection of ganciclovir resistance in congenital infection, Future Virology, 2017

S Zhand, A Tabarraei, et al, Cytotoxic T lymphocytes and CD4 epitope mutations in the pre-core/core region of hepatitis B virus in chronic hepatitis B carriers in Northeast Iran, Indian Journal of Gastroenterology 2017, 36 (4), 253-257

M Bazuori, A Tabarraei, A Moradi, Molecular Epidemiology of Hepatitis C Virus Genotypes in Patients with Thalassemia Major in Golestan Province, Iran Journal of Clinical and Basic Research 2017, 1 (1), 1-10

N Javid, A Tabarraei*, et al, Adenoviruses Type D in Patients with Respiratory Tract Infection Symptoms, Open Access Library Journal 2017, 4 (05), 1

Yousef Douzandegan, Alijan Tabarraei, et al: Optimization of KYSE-30 Esophagus Cancer Cell Line Transfection Using Lipofectamine 2000, Aug 2017

Sareh Zhand, Alijan Tabarraei et al: Cytotoxic T lymphocytes and CD4 epitope mutations in the pre-core/core region of hepatitis B virus in chronic hepatitis B carriers in Northeast Iran, Jul 2017, Indian Journal of Gastroenterology

Majid Talkhabifard, Alijan Tabarraei et al: Evaluation of a Probe-Based PCR-ELISA System for Simultaneous Semi Quantitative Detection and Genotyping of Human Cytomegalovirus (HCMV) Infection in Clinical Specimens, May 2017, The Open Microbiology Journal

Azam Mirarab, Alijan Tabarraei et al: Frequent pUL27 Variations in HIV-Infected Patients, Apr 2017, Intervirology

Naeme Javid, Abdolvahab Moradi, Alijan Tabarraei, Masoud Bazouri: Clinical and Epidemiological Profile of Pandemic Influenza A H1N1, H3N2, and Type B in the Southeast of Caspian Sea, Iran, Feb 2017, Jundishapur Journal of Microbiology

Fatemeh Fotouhi, Alijan Tabarraei, et al: Adjuvant use of the NKT cell agonist alpha-galactosylceramide leads to enhancement of M2-based DNA vaccine immunogenicity and protective immunity against influenza A virus, Jan 2017, Archives of Virology

S Zhand, SM Hosseini, A Tabarraei, A Moradi, M Saeidi: Analysis of poliovirus receptor, CD155 expression in different human colorectal cancer cell lines:

Implications for poliovirus virotherapy, Jan 2017, Journal of Cancer Research and Therapeutics

Mishar Kelishadi, Mandana Kelishadi, **Alijan Tabarraei**: Coinfection of Adenovirus with the Members of Herpesviridae in Ophthalmic Pterygium, Dec 2016, The Open Microbiology Journal

Azam Mirarab, **Alijan Tabarraei** et al: Human cytomegalovirus pUL97 drug-resistance mutations in congenitally neonates and HIV-infected, no-drug-treated patients, Dec 2016, Future Virology

Chiman Karami, **Alijan Tabarraei** et al: Study of genotype, subtype and mutation in the S gene in hepatitis B patients Co-infected with HIV in Iran, Nov 2016, Jundishapur Journal of Microbiology

Naeme Javid, MSc Fatemeh Cheraghali, MD Abdolvahab Moradi, PhD Mishar Kelishadi, MSc **Alijan Tabarraei**, PhD. Newborn Screening for Congenital Cytomegalovirus Infection in Iran *The Pediatric Infectious Disease Journal* •sep 2016

Shiva Armanmehr a, b, Hamid Reza Kalhor b, *, **Alijan Tabarraei c**. Production of a soluble and functional recombinant apolipoproteinD in the Pichia pastoris expression system. Protein Expression and Purification 121 (2016) 157e162

Hamed Naziri^{1,2} • Kazem Baesi³ • Abdolvahab Moradi² • Mohammad R. Aghasadeghi³ • **Alijan Tabarraei²** • Willi McFarland⁴ • Mohamad Ali Davarpanah⁵ Antiretroviral drug resistance mutations in naïve and experienced patients in Shiraz, Iran, 2014. Arch Virol 2016

Mishar Kelishadi 1; Mandana Kelishadi 2; Abdolvahab Moradi 1; Naeme Javid 1; Masoud Bazouri 1; **Alijan Tabarraei 1,*** human adenoviruses role in ophthalmic pterygium formation, Jundishapur J Microbiol. 2015 April; 8(4): e16871

Mishar Kelishadi 1; Mohammad Mojerloo 2; Abdolvahab Moradi 1; Masoud Bazouri 1; Pezhman Hashemi 1; Sobhan Samadi 1; Atefeh Saeedi 1; **Alijan Tabarraei 1,*** (2014), GB virus C Viremia and Anti-E2 Antibody Response Among Hemodialysis Patients in Gorgan, Iran, Jundishapur J Microbiol. 2014 November; 7(11)

Atefeh Saeedi¹, Malihe Naderi², **Alijan Tabarraei³**, Mishar Kelishadi³, Amir Ghaemi^{4,5*}, Enhanced Immune Responses of a Hepatitis C Virus Core DNA Vaccine by Co-Inoculating Interleukin-12 Expressing Vector in Mice, Vaccine research, Volume1-Number2-Nov2014

Hassan Nikbakht, Pooria Gill, **Alijan Tabarraei**, Alireza Niazi, (2014), Nanomolecular detection of human influenza virus type A using reverse transcription loop-mediated isothermal amplification assisted with rod-shaped gold nanoparticles, RSC Advances (Nanoscience); 4

Abdolvahab Moradi, Sareh Zhand, Amir Ghaemi, Naeme Javid, Masoud Bazouri, **Alijan Tabarraei***, (2014), Mutations in pre-core and basal-core promoter regions of hepatitis B virus in chronic HBV patients from Golestan, Iran, : Iranian Journal of Basic Medical Science; 17(5)

Shojaa M, Aghaie M, Amoli M, Javid N, Shakeri F, Khashayar P, Tabarraei A, Keshtkar AA, Joshaghani HR, Kouroshnia A, Qorbani M, Mahmoudi F, Mohebbi R, Ranjbarpour N, (2014), Association between 318C/T polymorphism of the CTLA-4 gene and systemic lupus erythematosus in Iranian patients, : Int J Rheum Dis;

Tahamtan A, Tabarraei A, Moradi A, Dinarvand M, Kelishadi M, Ghaemi A, Atyabi E. (2014), Chitosan nanoparticles as a potential nonviral gene delivery for HPV-16 E7 into mammalian cells. *Artif Cells Nanomed Biotechnol*

Atefeh Saeedi, Amir Ghaemi, Alijan Tabarraei, Abdolvahab Moradi, Ali Gorji, Shahryar Semnani, Hoorieh Soleimanjahi, Ahmad Hosseinzadeh Adli, Seyed Yones Hosseini, Mohammad Ali Vakili, (2014), Enhanced cell immune responses to hepatitis c virus core by novel heterologous DNA prime/lambda nanoparticles boost in mice. *Artif Cells Nanomed Biotechnol*.

Armina Alagheband Bahrami, Amir Ghaemi, Alijan Tabarraei, Azadeh Sajadian, Ali Gorji, Hoorieh Soleimanjahi, (2014), DNA vaccine encoding HPV-16 E7 with mutation in L-Y-C-Y-E pRb-binding motif induces potent anti-tumor responses in mice, *Journal of Virological Methods*; 206

Fatemeh Cheraghali, Abdolvahab Moradi, Somayeh Azadfar, Naeme Javid, Alijan Tabarraei* (2013), Molecular epidemiology of viral meningitis in children in south east of Caspian Sea, Iran, *International Journal of Molecular and Clinical Microbiology* 1 (2013) 237-243

Zahra Gorzin, Ali Akbar Gorzin, Alijan Tabarraei, Naser Behnampour, Shiva Irani and Amir Ghaemi, (2014), : Immunogenicity Evaluation of a DNA Vaccine Expressing the Hepatitis C Virus Non-Structural Protein 2 Gene in C57BL/6 Mice, *Iranian Biomedical Journal* 18 (1): 1-7

Alireza Tahamtan, Amir Ghaemi*, Ali Gorji, Hamid R Kalhor, Azadeh Sajadian, Alijan Tabarraei, Abdolvahab Moradi, Fatemeh Atyabi and Mishar Kelishadi, (2014), Antitumor effect of therapeutic HPV DNA vaccines with chitosan-based nanodelivery systems, *Journal of Biomedical Science*, 21:69

Somayeh Azadfar 1; Fatemeh Cheraghali 1; Abdolvahab Moradi 1; Naeme Javid 1; Alijan Tabarraei 1,* (2014), *Herpes Simplex Virus* Meningitis in Children in South East of Caspian Sea, Iran, *Jundishapur J Microbiol*. 2014 January; 7(1)

Yaghoob Yazdani^{1,2,3*}, Neda Keyhanvar³ and Alijan Tabarraei¹, (2014), Cloning and Functional Assessment of the Recombinant Human Hepcidin-25 in the Baculovirus Expression System, *Braz. Arch. Biol. Technol*

Khodaberdi Kalavi, Abdolvahab Moradi, Alijan Tabarraei*, (2013), Population-based Seroprevalence of HTLV-I Infection in Golestan Province, South East of Caspian Sea, Iran: *Iranian Journal of Basic Medical Sciences*; 16 (3)

Faranak Mahmoudi Alami, Nader Mansour Samaei, Hamidreza Bazrafshan, Alijan Tabarraei, Ayyoob Khosravi, Mohammad Amin Tabatabaiefar and Seyyede Naemeh Javid, (2013),

Association of Transcription Factor 7-Like 2 (Tcf7l2) Gene Haplotypes with the Risk of Type 2 Diabetes Mellitus in Iran, *Advances in Biological Research*; 7 (5)

Malik P., **Tabarraei A.**, Kehlenbach R. H., Korfali N., Iwasawa R., Graham S. V., Schirmer E. C. (2012). Herpes simplex virus ICP27 protein directly interacts with the nuclear pore complex through NUP62, inhibiting host nucleocytoplasmic transport pathways. *J. Biol. Chem.* 287 12277–12292.

Alami FM, Ahmadi M, Bazrafshan H, **Tabarraei A**, Khosravi A, Tabatabaiefar MA, Samaei NM. (2012) Association of the TCF7L2 rs12255372 (G/T) variant with type 2 diabetes mellitus in an Iranian population. *Genet Mol Biol.* Apr;35(2):413-7.

Moradi A, Zhand S, Ghaemi A, Javid N, **Tabarraei A.** (2012). Mutations in the S gene region of hepatitis B virus genotype D in Golestan Province-Iran. *Virus Genes.* Jun;44(3):382-7.

Amir Ghaemi, Hoorieh Soleimanjahi, Soodeh Razeghi⁴, Ali Gorji, **Alijan Tabaraei**, Abdolvahab Moradi, Akram Alizadeh, Mohammad Ali Vakili, (2012), Genistein Induces a Protective Immunomodulatory Effect in a Mouse Model of Cervical Cancer, Iran. *J. Immunol.* June, 9 (2), 119-127

Ghaemi, A., **A. Tabaraei**, P. Gill, H. Soleimanjahi and A. Gorji., 2012. Lambda phage nanoparticles for targetomics. *Biotechnology*, 11: 95-99

Abbasi A (MD), Tajbakhsh R (MD), Kabotari M , Zhand S (MSc), **Tabarraei A** (PhD), (2012), Occult Hepatitis B Virus Infection in Chronic Hemodialysis Patients in Panje-Azar Hospital, Gorgan, Volume 6, Number 1

Moradi A, Khodabakhshi B, Sadeghipour M, Besharat S, **Tabarraei A.** (2011). Concurrent infections of hepatitis C and HIV in hepatitis B patients in the north-east of Iran. *Trop Doct* Jul;41(3):129-31.

Hamid Vaez, **Alijan Tabaraei**, Abdolvahab Moradi and Ezzat A. Ghaemi, Evaluation of methicillin resistance *Staphylococcus aureus* isolated from patients in Golestan province-north of Iran, (2011), *African Journal of Microbiology Research* Vol. 5(4), pp. 432-436, 18 February,

Livani S, Mirinargesi M, Nemati-Shoja E , Rafiei S, Taziki M, **Tabarraei A**, (2011). Prevalence of Multidrug Resistant Mycobacterium tuberculosis by Mycobacteria growth indicator tube in Golestan province, North of Iran, Volume 5, Number 2.

Moradi AV, Azadfar S, Fatemeh Cheraghali, Javid N, Ghaemi A, **Tabarraei A**, (2011), Meningitis caused by mumps virus in children admitted to Gorgan's Taleghani hospital, Volume 5, Number 2

Fazeli MR, Ghaemi E, **Tabarraei A**, Kaplan EL, Johnson DR, Vakili MA, Khodabakhshi B. (2003). Group a streptococcal serotypes isolated from healthy schoolchildren in Iran. *Eur J Clin Microbiol Infect Dis.* Aug;22(8):475-8.

M.M.Soltan-Dallal, A.Tabarraie and K.MoezArdalan (2003). Comparison of four methods for isolation of Yersinia enterocolitica from raw and pasteurized milk from northern Iran; International journal of food microbiology, 94, 1. pp87-91

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