

## Immunology

**Comparing the distribution of common human papillomavirus genotypes among the population of Fars province in southwest Iran with the genotypes included in the available HPV vaccines** Kalani, M., Mirzaei, F., Keyghobadi, H., (...), Kalani, M., Moravej, A. Molecular Biology Reports

**The significance of stem cell-like memory T cells in viral and bacterial vaccines: A mini review** Fazeli, P., Kalani, M., Mahdavi, M., Hosseini, M. International Immunopharmacology

**The Effect of Ophthalmic and Systemic Formulations of *Latilactobacillus sakei* on Clinical and Immunological Outcomes of Patients With Dry Eye Disease: A Factorial, Randomized, Placebo-controlled, and Triple-masking Clinical Trial** Heydari, M., Kalani, M., Ghasemi, Y., Nejabat, M. Probiotics and Antimicrobial Proteins

**Sequential radiation exposure: uncovering the potential of low dose ionizing radiation in mitigating high dose effects on immune cells** Masoudi, S., Kalani, M., Alavianmehr, A., (...), Mortazavi, S.M.J., Farjadian, S. International Journal of Radiation Biology

**Abnormal frequency of the memory B cell subsets and plasmablasts in patients with congenital severe hemophilia A: correlation with "Inhibitor" formation.** Zekavat OR, Movahednezhad Y, Shahsavani A, Haghpanah S, Shokrgozar N, Golmoghaddam H, Kalani M, Bordbar MR, Arandi N. Blood Res

## Bacteriology

**Effects of genetically modified soybean on physiological variables and gut microbiota of Sprague-Dawley rats** Ashrafi-Dehkordi, E., Alborzi, A., Pouladfar, G., Abbasian, S.A., Mazloomi, S.M. PLoS ONE

**Clinical Findings, Bacterial Agents, and Antibiotic Resistance in Children with Spontaneous Peritonitis in Southern Iran: An Academic Tertiary Referral Center's Experience** Salehi, S., Honar, N., Pouladfar, G., (...), Shahramian, I., Abbasian, A. Iranian Journal of Medical Sciences

**Mendelian Susceptibility to Mycobacterial Disease with Signal Peptide Peptidase-like 2A (SPPL2A) Deficiency: A Case Report** Esmaeilzadeh, H., Pouladfar, G., Gholami, M.A., Mohtadi, H. Iranian Journal of Allergy, Asthma and Immunology

**Correction to: Abnormal frequency of the memory B cell subsets and plasmablasts in patients with congenital severe hemophilia A: correlation with "Inhibitor" formation (Blood Research, (2024), 59, 1, (16), 10.1007/s44313-024-00017-7)** Zekavat, O.R., Movahednezhad, Y., Shahsavani, A., (...), Bordbar, M.R., Arandi, N. Blood Research

**Variants of Ascitic Fluid Bacterial Infections and Clinical Outcomes in Patients with Liver Cirrhosis.** Niknam R, Mansouri S, Fallahi M, Ejtehad F, Zahiri L, et al. Arch Pediatr Infect Dis

**IFN-gamma, IL-17, IL-22+ CD4+ subset in patients with hepatitis C virus and correlation with clinical factor.** Khansalar, S; Faghih, Z; Barani, S; Kalani, M; Ataollahi, MR; Mohammadi, Z; Namdari, S; Kalantar, K. American Journal of Clinical and Experimental Immunology

## Virology

**Humoral immune response and safety of Sars-Cov-2 vaccine in people with multiple sclerosis** Seyedeh Sadigheh Hamzavi, Rosemina Bahrololoom, Sepideh Saeb, Nahid Heydari Marandi, Marzieh Hosseini Alimohammad Keshtvarz hesam abadi and Marzieh Jamalidoust *BMC Immunology* *BMC Immunology*

**Comparison of Epstein-Barr virus copy number in white blood cells of chronic lymphocytic leukemia patients with laboratory prognostic biomarker** Farkhondeh Azhdari , Zahra Faghih , Shirin Haghighat, Marzieh Jamalidoust , Seyed Younes Hosseini , Seyed Mohammad Ali Hashemi , Jamal Sarvari *BMC Research Notes*

**Efficient biocompatible drug carrier: Lignin-based nanogel amplifies Curcumin's cytotoxic effects and induces apoptosis in brain and lung cancer cell lines** Zahirinejad, S., Ashkan, Z., Hemmati, R., (...), Jamalidoost, M., Javanmard, S.H *Biocatalysis and Agricultural Biotechnology*

**Human Papillomavirus (HPV16 and HPV18) Infection; Pathogenesis, Vaccination, and Detection by Loop-Mediated Isothermal Amplification with Lateral Flow Dipstick Tests: A Review** Kargar, F., Rahmati, M., Jamalidoust, M., (...), Milani, M., Vahedi, A *Archives of Pediatric Infectious Diseases*

**The association of serum levels of vitamin D, Zn, and Mg and disease severity in children and adolescents with COVID-19: A case-control study:** Zhila Afshar , Keivan Sahebi , Mohammad Javad Entezari Meybodi , Negar Yazdani , Seyedeh Sedigheh Hamzavi , Hossein Moravej , Homa Ilkhanipoor , Anis Amirhakimi . *Clinical Epidemiology and Global Health*

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**Health-Related Quality of Life (HRQoL) in COVID-19 Patients After Recovering from the Acute Infection.** Firouzabadi, D., Mahmoudi, L., Kadkhodamohammadi, M., Niknam, R., Amanati, A. *Archives of Pediatric Infectious Diseases*

**High Post-Infection Protection after COVID-19 among Healthcare Workers: A Population-Level Observational Study.** Sepehr Shahriarirad , Naeimehossadat Asmarian , Reza Shahriarirad , Mohsen Moghadami , Mehrdad Askarian , Leila Hashemizadeh Fard Haghighi , Parisa Javadi , Golnar Sabetian. *Iran J Med Sci*

**Human Papillomavirus Prevalence in Urine and Anatomical Sites in South Iranian Men and Women with Normal and External Genital Warts: A Cross-Sectional Study.** Aliabadi, N., Marandi, N.H., Pouladfar, G., (...), Faramarzi, H., Ziyaeyan, M. *Jundishapur Journal of Microbiology*

**Antibiotic resistance mechanisms: the significance of gene swapping viruses.** Shafaati M.; Harandi H.; Salehi M.; Zare M. *Reviews and Research in Medical Microbiology*

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**Environmental surveillance of fungi and susceptibility to antifungal agents in tertiary care hospitals** Badiiee, P., Ghadimi-Moghadam, A., Bayatmanesh, H., (...), Amin Shahidi, M., Jafarian, H. *Microbiology spectrum*

**Evaluation of the Fluconazole Prophylaxis against Fungal Colonization in the Preterm Neonates: A Double-blind Clinical Trial** Amini, S., Rezaei, M., Pouladfar, G., (...), Jafarian, H., Badiie, P Iranian Journal of Neonatology

**Case Report: Gastrointestinal Basidiobolomycosis in a Young Girl with Cystic Fibrosis and Celiac Disease.** Tadayon A, Azh OR, Poor Khosravani M, Hamzavi SS, Yarmahmoodi F, Yeganeh BS, Ghasemian M. Am J Trop Med Hyg

**Navigating treatment for basidiobolomycosis: a qualitative review of 24 cases.** Pouladfar, G., Jahangiri, S., Shahpar, A. *et al.* Navigating treatment for basidiobolomycosis: a qualitative review of 24 cases. *BMC Infect Dis*

**Molecular Epidemiology and Antifungal Susceptibility Profile in *Nakaseomyces glabrata* Species Complex: A 5-Year Countrywide Study.** Salimi M, Javidnia J, Faeli L, Moslemi A, Hedayati MT, Haghani I, Aghili SR, Moazeni M, Badiie P, Roudbari M, Zarrinfar H, Mohammadi R, Lotfali E, Nouripour-Sisakht S, Seyedmousavi S, Shokohi T, Abastabar M. J Clin Lab Anal

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**Aspergillus-related immune reconstitution inflammatory syndrome in pediatric cancer patients, clinical characteristics, imaging findings, and survival.** Amanati A, Jahromi MG, Jafarian H, Abdipour Mehrian SR, Sajedianfard S, Farokhmanesh S, Maddahi A, Safari F, Nabavizadeh SA, Alinazari MMK. BMC Infectious Diseases

#### Parasitology

**Using meta-analysis and machine learning to investigate the transcriptional response of immune cells to *Leishmania* infection** Rezaei, Z., Tahmasebi, A., Pourabbas, B. PLoS neglected tropical diseases

#### Other

**Determination of Serum Procalcitonin Level in Kawasaki Disease** Sedghi, R., Dashti, A.S., Esmaeilzadeh, H. Journal of Comprehensive Pediatrics

**Nonfamilial cherubism in a 6-month-old infant: a case report.** Hamzavi, S.S., Askari, A., Bahrololoom, R. *et al.* Nonfamilial cherubism in a 6-month-old infant: a case report. BMC Pediatrics

**Additive and Dose-Dependent Effect of Rituximab on Pediatric Patients' Outcomes Concurrently Receiving Immunosuppressive Chemotherapy, A Prospective Cohort Study.** Amanati A., Vardanjani H.M., Zekavat S.O., (...), Bandari D.M., Mohammadi M.E.K. Archives of Pediatric Infectious Diseases

**The twin challenges of longevity and climate change in controlling antimicrobial resistance.** Shafaati M., Salehi M., Zare M. Journal of Antibiotics

**Mutations inside Lgt a Lipoprotein sorting enzyme and 23S rRNA as the candidate signatures in the evaluation of *H. pylori* Metronidazole and Clarithromycin MDR strains.** Atena Abedi Maghami , Amir Emami , Mohammad Reza Fattahi , Jalal Mardaneh , Neda Pirbonyeh , Abdullah Bazargani. Gene Reports

**Takotsubo Cardiomyopathy and Autoimmune Disorders: A Systematic Scoping Review of Published Cases.** Farjoud Kouhanjani M., Hosseini S.A., Mousavi S.M., (...), Ahmadi M., Attar A. International Journal of Clinical Practice