

Research projects 2023

Bacteriology	
1	Determining Antibiotic Resistance Patterns and Predictive Factors in Fars Province Over the Last Five Years
2	Investigation of transcriptional responses of immune system cells to Leishmania spp. using meta-analysis and machine learning algorithms
3	a case of COVID 19 and staphylococcus coinfection
4	Successful healing effect of local Taurolidine solution for treating deep pressure ulcer, case report
Virology	
1	Investigation of the role of herpes virus type 4 (EBV) in patients with severe types of COVID-19 compared to patients with less clinical manifestations.
2	Detection of enterovirus in cerebrospinal fluid (with or without pleocytosis) of children suspected of meningitis or encephalitis and its effect on reducing the duration of antibiotics therapy
3	Investigating the trend of respiratory infections in cold seasons after the end of the COVID-19 pandemic in hospitalized patients - Shiraz
4	COVID-19 Presented with Gastrointestinal Manifestations in an 11-Days-Old Neonate
5	Detection of SARS-CoV-2 in Different Types of Clinical Specimens An Iranian referral hospital based study
6	Study of the prevalence of acquired chickenpox infection in households with patients with various types of malignancies based on epidemiological data

Immunology

1 Investigating the associations between gene expression of cytokines IL-19, IL-20, IL-24 and cytokine receptors IL-20RA and IL-20RB with the active form of brucellosis

2 Investigating the associations between gene expression of immune mediators IL-32, MIP-2, TNF-, CXCL8 and TLR-4 with the active form of brucellosis

Mycology

1 Aspergillus-related Immune Reconstitution Inflammatory Syndrome in pediatric cancer patients, clinical characteristics, imaging finding, and survival outcomes

2 Algorithmic diagnosis of invasive fungal infections in patients with immune system defects by Real-time PCR method and using universal primers

parasitology

1 Geographic information systems based investigation of Dengue fever geographic distribution and risk zones in Larestan county, Fars province in 2023-2024

2 Geographic information systems based investigation of climatic and environmental risk factors of Dengue fever in Hormozgan province in 2023-2024

3 Comprehensive geographic information systems based investigation of climatic and environmental risk factors of malaria in Hormozgan province in a 5-year period 2020-2024

4 successful treatment of disseminated cutaneous leishmaniasis with liposomal amphotericin B and miltefosine in an eight year old girl

5 Investigating the geographical distribution and effect of environmental and climatic factors on the occurrence of Cutaneous leishmaniasis in North Khorasan provinces in the years 2019 to 2023

6	Molecular identification of enterovirus in cerebrospinal fluid of children suspected of meningitis and encephalitis by PCR-RT method and its relationship to duration of antibiotic treatment and length of hospitalization in Namazi Hospital, Shiraz
7	Comprehensive geographic information systems based investigation of climatic and environmental risk factors of malaria in Hormozgan province in a 5-year period 2020-2024
8	Geographic information systems based investigation of Dengue fever geographic distribution and risk zones in Larestan county, Fars province in 2023-2024
9	Investigation the environmental features of Tuberculosis disease in Bushehr Province using geographical information system (GIS) from 2019-2023
Other	
1	Successful healing effect of local Taurolidine solution for treating deep pressure ulcer, case report
2	Tyrosinemia Presenting With Multiple Hepatic Lesions and Splenomegaly