

Research projects 2012

Bacteriology	
1	Comparison of quinolone-base regimen and current triple therapy in patients with H.pylori infection and detection of primary antibiotic resistance pattern in H.pylori isolated from patients with gastrointestinal disorders in Namazi hospital, Shiraz university of medical sciences
2	Molecular study of drug-resistant helicobacter pylori strains isolated from patients with gastrointestinal
3	extract and essential oil application of two medicinal plant of lamiaceae family of helicobacter pylori control
Virology	
1	Evaluation of hepatitis C reactivation according to study of polymorphisms of TGF-β, TNF-α and IL-10 patients with genotypes 1&3
3	Evaluation of hepatitis C reactivation according to study of pattern of gene expression of TGF-β, TNF-α and IL-10 in patients with genotypes 1 &3
3	Evaluation of acyclovir resistancy among HSV strains type 1 and 2 isolated from transplanted patients (solid organ and bone marrow)
4	Gene silencing of targeted structural HCV genes using RNA interference with an AAV vector
5	The evaluation of RNAi as a defense against HCV replication using AAV vector
6	Seprevalence of the cytomegalovirus antibody among children in various age group in Shiraz 1390-91
Mycology	
1	Antifungal susceptibility of candida species isolated from immunocompromised patients admitted to 12 university medical hospital in Iran
2	Microbiology and fungal study of maxillary sinus culture in chronic sinusitis patients using FESS
3	Sequencing of pneumocystis jirovecii DNA isolated from BAL samples in souther part of IRAN
4	In vitro antifungal susceptibility pattern of yeast from immunocompromised patients admitted in 12 hospital of Iran to antifungal agents with microdilution methods

Immunology

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1	Investigation of Th9 cells IL-10, IL-4 and IL-9 in patients suffering kala-azar
2	Investigation of Brucella canis in patients with brucellosis using molecular and rapid strip test methods
3	Investigation of Th22 cells and IL-22,17,6 and TGF-β in patients suffering kala-azar
4	The immunomodulatory effect of propolis ethanol extract of humoral and cellular responses in mice immunized with leishmania recombinant GP63 protein
5	Investigation of IL-18 gene polymorphisms in patients suffering kala-azar and comparison of their alleles and genotypes with normal controls