

# Research projects 2013

<b>Bacteriology</b>	
1	<b>Frequency of positive bacilli calmette-guerin real time-PCR in bone marrow biopsy specimens of children vaccinated with BCG</b>
2	<b>Culture and their sensivity and resistency in patients with evaluating organisms of bile stone who underwent laparoscopic cholecystectomy in shahid Faghihi hospital symptomatic gall</b>
3	<b>Urinary tract infection in hospitalized patients after kidney transplantation and evaluation of risk factors</b>
4	<b>The prevalence of helicobacter pylori in children in Shiraz, Iran</b>
5	<b>The seroprevalence of helicobacter pylori in children in Shiraz, Iran</b>
6	<b>Determiation vancomycin MIC in staphylococcus aureus strains isolated from patients in Shiraz and survey genes encoding resistance to this antibiotic in isolates</b>
7	<b>Characterization imipenem resistant metallo-<math>\beta</math>-lactamases (MBL) producing gram negative bacteria (ebterobacteriaceae, nonfermenters) using phenotypic and genotypic methods in Iranian clinical isolates</b>
8	<b>Comparison of quinolone-base regimen and current triple therapy in patients with H.pylori infection and determination of primary antibiotic resistance pattern in H.pylori isolated from patients with gastrointestinal disorders in Namazi hospital, Shiraz university of Medical sciences</b>
<b>Virology</b>	
1	<b>Production of HCV-F protein and determiation of the relationship between the specific antibodies to F protein among HCV-infected liver transplant recipients</b>
2	<b>Designing a novel specific primer/prob sets for influenza virus type B and setting up a one step rt-Real-Time PCR assay with high sensitivity and specificity for quantitative analysis of virus in clinical specimens</b>
3	<b>Design and production of expression recombinant vector containing NS3/NS4A gene of hepatitis C virus subtype 3a, and evaluation its protein expression in eukaryotic mammalian cells and immunogenicity in mice</b>
4	<b>Determning of HBV and HDV genotyping an their frequency in Iranian infected patients</b>
5	<b>In the study of amino acid substitution in HCV-core region and genetic variation in the IL-28B and prediction to virological response to combination therapy in HCV infected patients</b>
6	<b>Study the prevalence of NIH-CQ7 in blood samples of patients in waiting list for liver transplantation</b>
7	<b>The incidence of primary EBV infection among suspected patients referred to Nemazi hospital, Shiraz, Iran</b>
8	<b>Determning HCV genotype in Iranian addict and other high risk groups by Real-Time PCR assay</b>

9	<b>EBV DNemia monitoring quantitative PCR assay in Iranian liver organ recipients and following clinical consequences</b>
10	<b>Relationship between the interleukin-28b gene polymorphism and different EBV disease</b>
11	<b>Quantitative monitoring of EBV viral-load after transplantation in adult and children in Nemazi hospital-Shiraz</b>
12	<b>Desiging, setting up, optimizing, and applying of a sensitive and specific Duplex one step rt-Real-Time PCR assay for simultaneous detection of influenza A and B</b>
13	<b>Evaluating the incidence rate of influenza A virus in patients with respiratory symptoms by in house one step rt-Real-Time PCR assay for detection of influenza A and comparing its results with WHO suggested rt-Real-Time PCR assay</b>
14	<b>Determination and comparison of HCV viral load in seropositive liver and kidney transplant recipients by quantitative real-time PCR before and after transplantation</b>
15	<b>Evaluation and determination of serum HBV DNA level in the seropositive Afghan immigrants, southern Iran by real-time PCR assay</b>
16	<b>Applying rt-Real time PCR method for genotyping of hepatitis C in liver, kidney and bone marrow recipients</b>
17	<b>Detection and quantification of HHV-8 infection in patients with systemic lupus erythematosus by Real-Time PCR assay</b>
18	<b>The study of correlation of serum levels of miR-122 and IL28B polymorphisms on Sustained virological respons in HCV infected patients</b>
<b>Mycology</b>	
1	<b>Investigation of cryptococcal meningitis among patients with chronic meningitis by latex agglutination and molecular methods in 2 years, Shiraz,Iran</b>
2	<b>Exvivo comparison of antimicrobial effect of Naocl solution and Zataria Multiflora essence as irrigiants in root canal contaminated with candida albicans</b>
3	<b>Determination of candidaspecies sensitivity to common mouthwashes in liver and kidney transplantation patients of Namazi hospital-Shiraz 1393</b>
4	<b>Derermination and therapeutic drug monitoring of voriconazole plasma level by bioassay method and its correlation CYP2C19 genotypes be real-time PCR in immunocompromisedpatients</b>
<b>Immonology</b>	
1	<b>Investigation of Th17,Th22, Th9 relationship between children and adults suffering from stomach ulcers stomach infected with helicobacter pylori, also the cells of Th22, Th9 in mice infected with helicobacter pylori</b>
2	<b>Investigation of IL-28 gene variants in Iranian patients with hepatitis B infection</b>
3	<b>Assessment of IL-28 gene polymorphism in HCV recurrent cases of addicted sufferers</b>