

## Ongoing projects of the Microbial Biotechnology Research Center

Number	Code number	Title	Presenter	Date
1	1386	Study of Staphylococcus epidermidis isolates type based on multiple locus variable number tandem Repeat analysis MLVA and identification of PSMS	DR. Gholamreza Irajian	1398/4/1
2	20772	Prevalence and antibiotic resistance pattern of ESBL producing Gram-negative bacilli isolated from urinary tract infections of patients admitted to Special Diseases Hospital in East Tehran	DR. Gholamreza Irajian	1400/12/1
3	21063	systematic review on effectiveness of anti-microbial photodynamic therapy (aPDT) on treatment of chronic periodontitis	DR. Gholamreza Irajian	1401/4/6
4	24836	Evaluation of the frequency of psl genes related to biofilm formation and epitope-based vaccine prediction in multidrug-resistant (MDR) strains of Pseudomonas aeruginosa	DR. Abed Zahedi	1402/1/20
5	241045	Evaluation of heavy metal tolerance and bioremediation through the use of probiotics in humans in a review study of clinical trial studies	Dr. Malihe Talebi	1400/7/10
6	27517	Investigation of molecular epidemiology of clinical strains of Pseudomonas aeruginosa isolated from clinical samples of patients hospitalized in intensive care units of two selected hospitals in Tehran	Dr. Abed Zahedi	1402/10/23
7	23906	In vitro evaluation of apoptotic effects of Lactobacillus rhamnosus on oral Squamous Cell Carcinoma	Dr. Shiva Mirkalantari	1402/11/15
8	27556	Investigating the antibiotic resistance pattern and molecular analysis of carbapenem-resistant Acinetobacter baumannii strains isolated from hospitalized patients in the Intensive Care Units of two selected hospitals in Tehran in 2023	Dr. Ali Mojtahedi	1402/11/15
9	27641	Investigation of antibiotic resistance pattern and molecular epidemiology of carbapenem resistant Klebsiella pneumoniae isolates in clinical samples obtained from patients hospitalized in the intensive care unit	Dr. Abed Zahedi	1402/12/20
10	28078	Prevalence of antibiotic resistance of Salmonella Typhimurium isolates in Iran: a systematic review and meta-analysis	Dr. Faramarz Masjedan	1402/12/20
11	30410	The study of gene expression profile and regulatory factors involved in common Gram-negative bacteria infection associated with atherosclerosis plaque formation	Dr. Mohammad Najafi	1403/05/01
12	30315	Molecular investigation and evaluation of antifungal drugs susceptibility pattern in	Dr. Shirin Farahyar	

		patients with fungal infection of skin and hair of scalp in Tehran city in 1403		
--	--	--	--	--

Last revision: 02/11/1403

Number	Title	Presenter	Date
1	Study of Staphylococcus epidermidis isolates type based on multiple locus variable number tandem Repeat analysis MLVA and identification of PSMS	DR. Gholamreza Irajian	1398/4/1
2	Evaluation of dominant microbiota in HPV-positive and HPV-negative bacterial vaginosis patients compared to healthy individuals	DR. Shabnam Razavi	1398/10/1
3	Global evaluation of resistance to clistine in Pseudomonas aeruginosa a systematic review and meta-analysis	DR. Shabnam Razavi	1399/7/7
4	Prevalence and antibiotic resistance pattern of ESBL producing Gram-negative bacilli isolated from urinary tract infections of patients admitted to Special Diseases Hospital in East Tehran	DR. Gholamreza Irajian	1400/12/1
5	Evaluation of heavy metal tolerance and bioremediation through the use of probiotics in humans in a review study of clinical trial studies	DR. Malihe Talebi	1400/7/10
6	systematic review on effectiveness of anti-microbial photodynamic therapy (aPDT) on treatment of chronic periodontitis	DR. Gholamreza Irajian	1401/4/6
7	Molecular survey of fungal urinary tract infections and evaluation of antifungal susceptibility pattern of isolates in pregnant women referring to Shahriar health center of Iran University of Medical Sciences, Tehran, in 2022	DR. Shrin Farahyar	1401/2/1
8	The emerging role of probiotics and their derivatives against biofilm-producing MRSA: A scoping review	DR. Shabnam Razavi	1401/8/18
9	Examining the antibacterial activity of cerium oxide nanoparticles for antibacterial properties in implants and dressings A systematic review and meta-analysis	DR. Fatemeh Ramezani	1401/9/22
10	Prevalence of Brucella endocarditis, A systematic review and meta-analysis	DR. Faramarz Masjedan	1401/9/21
11	The evaluation of virulance and antibiotic resistance genes and biofilm formation in colisitn resistance Klebsiella pneumoniae isolates	DR. Davood Darban	1401/1/14
12	Risk factors associated with human Brucellosis, A Systematic Review and Meta-Analysis	DR. Faramarz Masjedan	1401/12/7
13	The role of antimicrobial peptide in oral cancer	DR. Faramarz Masjedan	1401/11/9
14	Evaluation of the frequency of psl genes related to biofilm formation and epitope-based vaccine prediction in multidrug-resistant (MDR) strains of Pseudomonas aeruginosa	DR. Abed Zahedi	1402/1/20

15	A systematic review of the effect of antibody-based drugs (polyclonal and monoclonal) in the treatment of bacterial sepsis	DR. Abed Zahedi	1401/11/9
16	Evaluation of the effects of monoclonal antibody against antigen rPilQ-PilA DSL of Pseudomonas aeruginosa in the treatment of rabbit sepsis	DR. Abed Zahedi	1402/2/20