

**23th Iran's International Congress in Microbiology**  
**Main Hall Ibne Sina**

<b>Tuesday August 30</b>			
<b>Subject</b>	<b>Presentor</b>	<b>Specilaty</b>	<b>Time</b>
<b>Opening ceremony and welcome</b>			<b>8:00-8:10</b>
Welcome by Scientific secretary	Dr. Mojdeh Hakemi Vala	Professor in Medical Bacteriology, Shahid Beheshti University of Medical Sciences	<b>8:10-8:20</b>
Speach	Dr.Mohammad Taghi Beikmohammadi	Anesthesiologist, Head of school of medicine, Tehran University of Medical Sciences	<b>8:20-8:35</b>
Speach	Dr. Mohammad Mehdi Feizabadi	Profesor in Medical Microbiology, Head of Iranian Society of Microbiology	<b>8:35-8:45</b>
Speach	Dr. Hossein Ghanaati	Imaging specialist, Head of Tehran University of Medical Sciences	<b>8:45-9:00</b>
<b>Appreciation of Eminent Microbiologists</b>			<b>9:00-9:30</b>
An overview of the latest situation of Covid-19	Dr.Mohammad Mehdi Gouya	Infectious diseases specialist, Iran University of Medical Sciences	<b>9:30-10:00</b>
<b>Break &amp; Visit posters</b>			<b>10:00-10:30</b>
<b>Panel of emerging and re-emerging diseases</b>			<b>10:30-12:15</b>
<p><b>Panel President:</b> Dr Mohammad Mehdi Gouya (Specialist in infectious diseases and tropical medicine, Iran University of Medical Sciences)</p> <p><b>Panel Members:</b> Dr Mostafa Salehi Vaziri (PhD in Medical Virology, Vice President of Research and Technology of Pasteur Institute of Iran), Prof. Max Maurin (University of Grenoble Alpes, CNRS, Grenoble INP, CHU Grenoble Alpes, Grenoble, France), Prof. Ehsan Mostafavi (PhD in Epidemiology, Director of the research centre for emerging and reemerging infectious diseases of Pasteur Institute of Iran), Dr Saber Esmaili (PhD in Medical bacteriology, Academic staff of the department of epidemiology and biostatistics, national reference laboratory for plague, tularemia and Q fever of Pasteur Institute Iran), Prof. Seyed Mohsen Zahraei (Infectious disease specialist, head of vaccine-preventable diseases department, Iran CDC), Prof. Mohammad Reza Pourmand (PhD in Medical bacteriology, Tehran University of Medical Sciences)</p>			
An overview of the latest situation of monkeypox in Iran and the world	Dr. Mostafa Salehi-Vaziri		<b>10:30-10:45</b>
Prediction of emerging and re-emerging diseases in the future with the ability to cause a pandemic	Prof. Ehsan Mostafavi		<b>10:45-11:00</b>
<i>Francisella tularensis</i> and waterborne infections	Prof. Max Maurin		<b>11:00-11:15</b>
An overview of the reservoirs, vectors and human cases of Rickettsia in Iran	Dr Saber Esmaili		<b>11:15-11:30</b>

The latest status of measles in Iran	Prof. Seyed Mohsen Zahraei	11:30-11:45
An overview of neglected microbial infections: (strategies and tactics)	Prof Mohammad Reza Pourmand	11:45-12:00
<b>Discussion</b>		12:00-12:15
<b>Lunch &amp; prayer</b>		12:15-13:30
<b>Oral presentation of selected papers</b> <b>Subject: Microbial Drug resistance</b>		13:30-14:00
<b>Panel of Microbial Drug resistance: prevalence and new detection methods</b>		14:00-15:45
<b>Panel president:</b> Dr. Freshteh Shahcheraghi( Professor in Medical bacteriology, Pasteur Institute of Iran) <b>Panel members:</b> Dr. Behnam Sobouti(Professor of pediatric Infectious diseases, Iran University of Medical Sciences), Dr. Davood Yadegarniya (Infectious diseases specialist, Shahid Beheshti University of Medical Sciences), Dr. Christian Giske (Professor/Chief consultant physician, Chairman of EUCAST and Karolinska Institutet, Stockholm-Sweden), Dr. Ali Pormohammad( Post-doctoral research fellow,University of Calgary, Alberta, Canada), Dr. Fereshteh Jabal Ameli( Medical Bacteriology, Tehran University of Medical Sciences), Dr. Seyed Sajad Khoramrooz (Medical bacteriologist, Yasuj University of Medical Sciences)		
Antibacterial resistance in pediatric burn patients	Dr. Behnam Sobouti	14:00-14:15
Drug resistant among gram negative bacteria during Covid-19	Dr. Davood Yadegarniya	14:15-14:30
Novel antimicrobial with activity against MDR gram negative bacteria	Dr. C.Giske	14:30-14:55
Discovering novel metal (LOID) based and plant based antibacterial compositions and uses there of against bacterial biofilm	Dr. Ali pormohammad	14:55-15:10
Combination therapy against multidrug resistant bacteria and biofilm	Dr. Fereshteh Jabal Ameli	15:10-15:20
The current status of antibiotic resistance in <i>Staphylococcus aureus</i>	Dr. Seyed Sajad Khoramrooz	15:20-15:30
<b>Discussion</b>		15:30-15:45
<b>Break &amp; Visit posters</b>		15:45-16:15
<b>Oral presentation of selected papers</b> <b>Subject: zoonosis</b>		16:15-16:45
<b>Panel of Zoonosis</b>		17:00-18:30
<b>Panel Principle :</b> Dr. Nader mosavari(Head of Tuberculosis and Glanders Department, Razi Vaccine and Serum Research Institute, IRAN) <b>Panel Members:</b> Dr. Mehdi Mir Saeedi(Division of pulmonary, critical care and sleep medicine, College of Medicine, University of Florida, Jacksonville, FL, USA), Dr. Harisankar Singha(Senior Scientist), Dr. Behzad Amiri(Head of the Department of Zoonotic disease of center for communicable disease control and prevantion, Ministry of Health, IRAN) , Dr. Mohammad reza Shirzadi(Associate Professor of Infectious Disease National Zoonoses Expert of Center for Communicable Disease Control,IRAN (MOH), Dr. Mohammad Zeinali(Assistant Professor of Medical Parasitology, National zoonoses Expert of Center for Communicable		

Disease Control, IRAN (MOH), Dr. Darab Abdollahi (Head of Mycobacterial Diseases Control Group Iran Veterinary Organization)

Mycobacterium-Bronchial Epithelial Cells Cross-Talk Through Type I Interferon Signaling	Dr. Mehdi Mirsaidi	17:00-17:15
Zoonotic aspects of <i>Burkholderia mallei</i> infection (Glanders)	Dr. Harisankar Singha	17:15-17:30
Epidemiology of animal bite and Rabies in Iran	Dr. Behzad Amiri	17:30-17:40
Prevention and control of Rabies in Iran	Dr. Mohammad reza Shirzadi	17:40-17:50
Epidemiology and surveillance of Brucellosis with One-Health approach in Iran	Dr. Mohammad Zeinali	17:50-18:00
Assessing the trend of bovine tuberculosis in Iran, challenges and approaches.	Dr. Darab Abdollahi	18:00-18:10
Situation of Glanders and isolation and identification of <i>Burkholderia mallei</i> from suspect horses in Iran in last year	Dr. Nader Mosavari	18:10-18:20
<b>Discussion</b>		18:20-18:30

**Wednesday  
31 August  
Ibne Sina Hall**

Subject	Presentor	Specilaty	Time
<b>Oral presentation of selected papers</b> <b>Subject: Microbiota and their relation to diseases</b>			<b>8:00-8:30</b>
<b>Panel of Metagenomics and new advances</b>			<b>8:30-10:00</b>
<b>Panel President:</b> Professor. Mohammad Reza Zali ( Gasterologist, Head of Research for Gastroenterology and Liver, Shahid Beheshti University of Medical Sciences) <b>Panel Members:</b> Dr. Maria Gauzoli (Greece), Dr. André Gessner (Germany), Dr. Azadeh Safarchi (Australia), Dr. Leonardo Antonio Sechi (Italy )			
The role of microbiota in liver diseases	Dr. MR Zali		<b>8:30-8:45</b>
The paradigm of Inflammatory Bowel Disease	Dr. Maria Gauzoli		<b>8:45-9:00</b>
Microbiome Analytics in the 21st century: Perspectives and Caveats	Dr. André Gessner		<b>9:00-9:15</b>
Human gut microbiom, opportunities and challenges	Dr. Azadeh Safarchi		<b>9:15-9:30</b>
<i>Mycobacterium paratuberculosis</i> , Human Endogenous Retroviruses and Type 1 Diabetes	Dr. Leonardo Antonio Sechi		<b>9:30-9:45</b>

Microbial genomics analysis at the Italian Reference centre	Dr. Nicholas Radomski	<b>9:45-10:00</b>
<b>Discussion</b>		<b>10:00-10:15</b>
<b>Break &amp; Visit posters</b>		<b>10:15-10:45</b>
<b>Oral presentation of selected papers</b> <b>Subject: Infectious diseases in cancer and transplanted patients</b>		<b>10:45-11:00</b>
<b>Panel of Infectious diseases in immunocompromised patients</b>		<b>11:00-12:30</b>
<p><b>Panel President:</b> Dr. Sara Abolghasemi (Specialist Infectious diseases, fellowship in infectious diseases in immune compromised patients, Shahid Beheshti University of Medical Sciences)</p> <p><b>Panel members:</b> Dr. Rozita Khodashahi (Specialist Infectious diseases, fellowship in infectious diseases in immune compromised patients, Mashahd University of Medical Sciences), Dr. Zahra Abtahian (Specialist Infectious diseases, fellowship in infectious diseases in immune compromised patients, National Research Institute of Tuberculosis and lung, Shahid Beheshti University of Medical Sciences), Dr. Zahra Ahmadinejad (Specialist Infectious diseases, Tehran University of Medical Sciences), Dr. Sadegh Khodaveisi (Medical Mycology, Tehran University of Medical Sciences)</p>		
Infectious diseases in SOT Patients: Case Presentation	Dr. Rozita Khodashahi	<b>11:00-11:15</b>
Case presentation of infectious and non-infectious problem in a patient with bone marrow transplantation	Dr. Sara Abolghasemi	<b>11:15-11:30</b>
Infectious diseases in hematologic and HSCT patients: Case presentation	Dr. Zahra Abtahian	<b>11:30-11:45</b>
Presentation of a case with SBP infection before liver transplantation	Dr. Zahra Ahmadinejad	<b>11:45-12:00</b>
New methods in diagnosis of invasive fungal infections in immunocompromised patients	Dr. Sadegh Khodaveisi	<b>12:00-12:15</b>
<b>Discussion</b>		<b>12:15-12:30</b>
<b>Lunch &amp; prayer</b>		<b>12:30-14:00</b>
<b>Oral presentation of selected papers</b> <b>Subject: probiotics and microbiota</b>		<b>14:00-14:30</b>
<b>Probiotics, Microbiota and their importance in infectious diseases</b>		<b>14:30-16:00</b>
<p><b>Panel President:</b> Dr. Parvaneh Jafari (PhD in Microbiology, Science Faculty, Arak Branch)</p> <p><b>Panel Members:</b> Dr. Ghamartaj Khanbabaie (Pediatric pulmonary Specialist, Shahid Beheshti University of Medical Sciences), Dr. Masoud Aleboueh (Medical bacteriology, Research Institute for Children's Health, Shahid Beheshti University of Medical Sciences), Dr. Shahriyar Dabiriyani (PhD in control and food health, Iranian Dairy products Industries Association), Dr. Maryam Hashemi (Professor in food Bioprocess, Agricultural Biotechnology Research Institute Iran)</p>		
The effects of Microbiota in immune system	Dr. Khanbabaie	<b>14:30-14:45</b>
How probiotics can help us for treatment of chronic inflammatory	Dr. Aleboueh	<b>14:45-15:00</b>

Reviewing the potential role of probiotic yoghurt in weight management and glycemic control in type2 diabetes	Dr. Dabiryan	<b>15:00-15:15</b>
Comprehensive approach for assaying the safety of probiotic bacteria	Dr. Hashemi	<b>15:15-15:30</b>
New wound dressing products based on probiotic and postbiotic	Dr. Jafari	<b>15:30-15:45</b>
<b>Discussion</b>		<b>15:45-16:00</b>
<b>Break &amp; Visit posters</b>		<b>16:00-16:30</b>

**Thursday  
September 1  
Ibnesina Hall**

<b>Oral presentation of selected papers Subject: COVID-19 and other related viral</b>		<b>10:30-11:00</b>
<b>Panel of recent findings in diagnosis, treatment and vaccination of Covid-19 disease</b>		<b>11:00-12:30</b>
<b>Panel president:</b> Dr. Payam Tabarsi (Infectious diseases specialist, Masih Daneshvari hospital, Shahid Beheshti University of Medical Sciences) <b>Panel members:</b> Dr. Asghar Abdoli (Medical Virology, Pasteur Institute of Iran), Dr. Salehi Vaziri (Medical Virology, Pasteur Institute of Iran), Dr. MohammadReza Salehi (Infectious diseases Specialist, Tehran University of Medical Sciences), Dr. Masoud Parsania (Medical Virology, Tehran Medical Sciences, Islamic Azad University Tehran)		
Covid-19 vaccine challenges	Dr. Asghar Abdoli	<b>11:00-11:15</b>
Covid-19 variants and their impact on vaccination	Dr. Salehi Vaziri	<b>11:15-11:30</b>
Antiviral therapy in COVID-19 patients	Dr. MohammadReza Salehi	<b>11:30-11:45</b>
Covid-19 in immunocompromised patients	Dr. Payam Tabarsi	<b>11:45-12:00</b>
Laboratory diagnosis challenges of COVID-19	Dr. Masoud Parsania	<b>12:00-12:15</b>
<b>Discussion</b>		<b>12:15-12:30</b>
Report of Dr. Maryam PorHaj Bagher ( executive secretary) of 23th Iran's congress of Microbiology	<b>Closing ceremony</b>	<b>12:30-13:00</b>

**Class4**  
**Wednesday**  
**31 August**

<b>Panel of new methods for detection of microbes</b>		<b>10:30-12:15</b>
<b>Panel principal:</b> Dr. Bizhan Nomanpour (Medical Microbiology, Kermanshah University of Medical sciences) <b>Panel members:</b> Dr.Medi Razzaghi-Abyaneh( Medical Mycology,Head of department of Mycology, Pasteur Institute of Iran), Dr. Ahmad Nejati (Medical Virology, School of Public Health, Tehran University of Medical Sciences), Dr. Mahdi Rohan i(Medical Microbiology, Head of Department of Microbiology, Pasteur Institute of Iran, Invited speaker from Italy, Dr. Jamil Zaidan		
<b>Subject</b>	<b>Presenter</b>	<b>Time</b>
Rapid methods for carbapenemases detection at the patient's bedside (POCT) and their comparison with molecular methods and CIM	Dr. Bizhan Nomanpour	<b>10:30-10:45</b>
Microbial Whole genome sequencing at the Italian National Reference Centre	Dr. Cesare camma	<b>10:45-11:00</b>
Recent advances and forthcoming challenges in early diagnosis of invasive fungal infections	Prof. Mehdi Razzaghi-Abyane	<b>11:00-11:15</b>
New methods for detecting viruses	Dr. Ahmad Nejati	<b>11:15-11:30</b>
Will declare soon	Dr. Jamil Zeidan	<b>11:30-11:45</b>
<b>Discussion</b>		<b>11:45-12:00</b>

**Class4**  
**Thursday**  
**1 September**

<b>Subject</b>	<b>Presenter</b>	<b>Time</b>
<b>Oral presentation of selected papers</b> <b>Subject: Urinary tract infections</b>		10:30-11:00
<b>Panel of Epidemiology, virulence, diagnosis, IPC and antimicrobial stewardship in Urinary tract infections</b>		11:00-12:45
<p><b>Panel Principle:</b> Dr. Amir Hossein Kashi (Deputy of research, Urology and Nephrology Research Center, Labbafinejad hospital, Shahid Beheshti University of Medical Sciences)</p> <p><b>Panel Members:</b> Dr. Kurt Naber (Urologist, Munich technical University, Germany), Dr. Meher Rizvi (Medical Microbiology, Sultan Qaboos University, Oman), Dr. Jyotsna Agarwal (Medical Microbiology, Department of Microbiology, Dr. R M L Institute of Medical Sciences, Lucknow, India), Dr. Sarita Mohapatra (Medical microbiology, Department of Microbiology, New Delhi, India), Dr. Saeid Bouzari (Department of molecular biology, Pasteur Institute of Iran)</p>		
Urinary catheters and UTI	Dr. Amir Hossein Kashi	11:00-11:15
Alternative treatment of uncomplicated urinary tract infection	Dr. Kurt Naber	11:15-11:30
An Overview of Urinary Tract Infection: Different therapeutic strategies	Dr. Saeid Bouzari	11:30-11:45
Antimicrobial prescribing etiquettes in simple and complicated UTI	Dr Meher Rizvi	11:45-12:00
Are recurrent UTI associated with more virulent <i>E. coli</i> ?	Dr. Jyotsna Agarwal	12:00-12:15
Molecular insights into Uncomplicated UTI from community settings	Dr. Sarita Mohapatra	12:15-12:30
<b>Discussion</b>		12:30-12:45



**Class6**  
**Tuesday**  
**30August**

<b>Panel of Prevention and control of nosocomial infections</b>		<b>11:00-12:30</b>
<p><b>Panel principle:</b> Dr. Arash Seifi (Infectious Diseases Specialist and IPC Fellowship, Head of control of nosocomial infections, Imam Khomainsi hospital, Tehran University of Medical Sciences)</p> <p><b>Panel members:</b> Dr. Esmaeil Mohammadnejad (PhD in nursing, Imam Khomainsi hospital, Tehran University of Medical Sciences), Dr. Fatemeh Fallah (PhD in Medical Microbiology, School of Medicine, Shahid Beheshti University of Medical Sciences), Dr. Marjan Rahnamaye Farzami (Clinical and anatomical Pathologist, Head of reference Lab of Ministry of health and education, Iran)</p>		
Statics of nosocomial infections and microbial drug resistance in Iran	Dr. Esmaeil Mohammadnejad	11:00-11:15
Infection Control of Multi-drug Resistant Gram-negative Bacteria (MDR-GNB)	Dr. Arash Seifi	11:15-11:30
The effect of effective factors in taking samples from infectious samples and creating false positive and negative answers	Prof. Fatemeh Fallah	11:30-11:45
Medical laboratory Roles and Challenges in detection and reporting antimicrobial resistance	Dr. Marjan Rahnamaye Farzami	11:45-12:00
<b>Discussion</b>		<b>12:00-12:30</b>

**Class6**  
**Wednesday**  
**31 August**

<b>Panel of Technology-based accelerators is held by Pishtaz-Teb Zaman company</b>		10:30-12:00
<p><b>Panel principal:</b> Dr. Vahid Younes (Ph.D of Immunology)</p> <p><b>Panel members:</b> Dr. Behrooz Tehrani, Post-DBA, Dr. Mehdi Boutorabi (Ph.D of Medical Microbiology, DCLS), Dr. Dorsa Jalaei ( Pharm.D/MBA), Dr. Amirhossein Abdi ( Pharm.D)</p>		
Future of Diagnostics	Dr. Behrooz Tehrani	10:30-11:00
In Vitro Diagnostics Market, products, technologies	Dr. Vahid Younesi	11:00-11:15
From Idea to Commercialization	Dr. Mehdi Boutorabi	11:15-11:30
Entrepreneurship, soft skills and personal development	Dr. Dorsa Jalaei	11:30-11:45
Synapse accelerator; past, present and future	Dr. Amirhossein Abdi	11:45-12:00
<i>Discussion</i>		12:00-12:30

**Class6**  
**Thursday**  
**1September**

<b>Panel of phage therapy</b>		10:00-11:30
<p><b>Panel principal:</b> Dr. Noor Amir Mozaffari (Medical Microbiology, Iran University of Medical Sciences)</p> <p><b>Panel members:</b> Dr. Jean-Paul Pirnay( Belgium), Ruby CY Lin(Australia) ,Dr. Raheleh Majdani ( University of Maraghe)</p>		
<i>Clostridium difficile</i> specific bacteriophages and the outlook for phage therapy in intestinal infections	Dr. Noor Amir Mozaffari	10:00-10:20
Phage therapy-The Australian experience	Ruby CY Lin (Australia)	10:20-10:40
Phage therapy in Belgium	Dr. Jean-Paul Pirnay ( Belgium)	10:40-11:00
Phage therapy: a new therapeutic solution for infected wounds	Dr. Raheleh Majdani	11:00 – 11:20
<i>Discussion</i>		11:20-11:30

