

THE **21**<sup>st</sup>

# INTERNATIONAL VIRTUAL CONGRESS OF MICROBIOLOGY



17-20 August **2020**



TEHRAN UNIVERSITY  
OF  
MEDICAL SCIENCES

APPRAISE  
Appraise To Raise



Fasa University  
of Medical Sciences



Razi Vaccine and Serum  
Research Institute



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## WELCOME MESSAGE



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**Mohammad Mehdi Feizabadi**  
President, ICM

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Iranian Society for Microbiology with the purpose of upgrading scientific level and presenting the most novel scientific and research achievements, is going to hold the 21th International (Virtual) Congress of Microbiology (ICM) of Iran. According to the necessity of improvement in microbiology science among microbiologist community of our country in regard to the latest scientific achievements around the world, this Congress has an important role in sharing experiences and up to date discoveries among Iranian and international researchers.

Therefore, it is a great honor for me to invite you to the 21th International Virtual Congress of Microbiology, to be held from the 17th till the 20th of August 2020, with the support of Tehran University of Medical Sciences (TUMS), TUMS Appraise To Raise Group, Razi Vaccine and Serum Research Institute, Fasa University of Medical Sciences, and with retraining points for community of therapeutic and health services (medical doctors, dentists, pharmacist, laboratory scientists staff, nurses and midwives, therapeutic and health services experts and specialists) as well as microbiologists and infectious disease and laboratory specialists.

The innovative aspects of technologies in applied microbiology will be in debate among expert scientists in webinars. We hope that we will provide a suitable atmosphere in order to share national and international achievements with the support and collaboration of other executive and scientific committees of our country. I strongly hope that this congress will have a great impact on improving the health and hygiene quality of our lives.

## WELCOME MESSAGE



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**Abbas Abdollahi**  
Executive Secretary, ICM

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The 21th International (Virtual) Congress of Microbiology (ICM) of Iran will be held on 17-20 August 2020 at Tehran University of Medical Sciences (TUMS). In this scientific event, the most novel scientific achievements and investigations will be considered in different sections including keynote lectures, educational panels, and oral and poster presentation with the presence of prominent international scientists in various subject areas. Celebration in honor of our veteran professors is one of the routine programs as former congresses.

On behalf of the Executive Committee, I kindly appreciate the valuable participation of dear professors and microbiologists in this event. I hereby would like to thank the Dean of TUMS School of Medicine, financial supporters and all of the executive members for their sincere collaborations with preparation of holding the forthcoming Congress. Besides, I would like to highlight the important role of productive and knowledge based companies, which will be introduced in exhibition section of the Congress, in providing research materials and equipment in our country.

# Panel I: Emerging and Re-emerging Infectious Diseases

August 17, 2020

11:00 AM (GMT); 03:30 PM (Tehran Local Time)



Dr. Mohammad Mehdi **Gouya**, Head of Panel  
Center for Diseases Control, Ministry of Health, Tehran, Iran  
**Lecture:** COVID-19 Pandemics; The Way Passed, The Way Forward



Dr. Ehsan **Mostafavi**  
Emerging and Re-emerging Infectious Diseases Research Centre, Pasteur Institute of Iran, Tehran, Iran  
**Lecture:** Update of Epidemiological Situation of COVID-19 in Iran



Dr. Javier **Garau**  
University of Barcelona, Barcelona, Spain  
**Lecture:** COVID-19 Management



Dr. Elmoubasher **Abu Baker** Abd Farag  
Ministry of Public Health, Doha, Qatar  
**Lecture:** The Drivers of MERS-CoV at Human Animal Interface



Dr. Majid **Mokhtari**  
Shahid Beheshti University of Medical Sciences, Tehran, Iran  
**Lecture:** COVID-19; Where We Were, and Where We Are Going? An Iranian Perspective



Dr. Talat **Mokhtari-Azad**  
School of Public Health, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Coronavirus Changes Over Time



Dr. Mostafa **Salehi-Vaziri**  
Department of Arboviruses and Hemorrhagic Fevers, Pasteur Institute of Iran, Tehran, Iran  
**Lecture:** The Updates of Viral Hemorrhagic Fevers in Iran



Dr. Payman **Hemmati**  
Expert in Surveillance Office in Center for Diseases Control, Ministry of Health, Tehran, Iran  
**Lecture:** International health regulation related to emerging infectious diseases



Dr. Saber **Esmaeili**  
Emerging and Reemerging Infectious Diseases Research Centre, Pasteur Institute of Iran, Tehran, Iran  
**Lecture:** Rickettsial diseases in Iran



Dr. Seyed Ali **Deghan Manshadi**  
Imam Khomeini Hospital Complex, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Management of COVID-19, IKHC Experience



## Panel II: Infection Control

August 18, 2020

11:00 AM (GMT); 03:30 PM (Tehran Local Time)



Dr. Mahboubeh **Hajabdolbaghi**, Head of Panel  
Emam khomaini Hospital, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Epidemiology of Nosocomial Infections in Iran



Dr. Shirin **Afhami**  
Shariati Hospital, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Prevention of MDR Organisms in Healthcare Settings



Dr. Negin **Esmailpour**  
Shariati Hospital, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Catheter-related Bloodstream Infection Diagnosis and Prevention



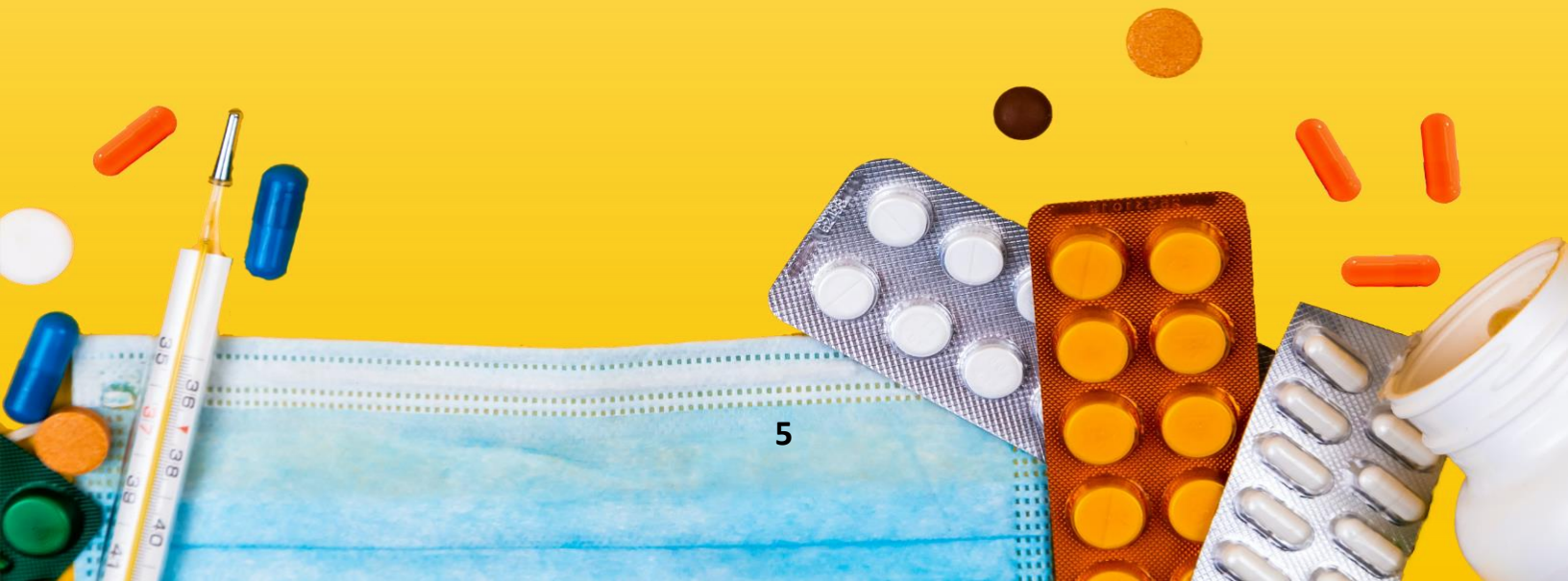
Dr. Arash **Saifi**  
Emam khomaini Hospital, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Nosocomial Infections, Antibiotic Stewardship Programs and Its Effects on Quality Improvement of Infection Control



Dr. Abbas **Bahador**  
School of Medicine, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** The Roles of Antiseptics, Disinfectants and Personal Protection Equipments in Infection Control



Dr. Ismaeil **Mohammadnejad**  
School of Nursing and Midwifery, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Catheter Associated Urinary Tract Infection ,Control and Prevention



## Panel III: Mycobacteria and Tuberculosis

August 19, 2020

11:00 AM (GMT); 03:30 PM (Tehran Local Time)



Dr. Payam **Tabarsi**, Head of Panel  
Clinical TB and Epidemiology Research Center,  
National Research Institute of Tuberculosis and Lung Diseases,  
Shahid Beheshti University of Medical Sciences, Tehran, Iran  
**Lecture:** Treatment of Drug-resistant Tuberculosis



Dr Daniela Maria **Cirillo**  
San Raffaele Scientific Institute Milan, Italy.  
**Lecture:** Use of WGS for tracking transmission in MTB



Dr. Tanil **Kocagoz**  
School of Medicine, Acibadem University, Istanbul, Turkey  
**Lecture:** Tuberculosis Diagnostics for Everybody



Dr. Afshin **Moniri**  
Clinical TB and Epidemiology Research Center,  
National Research Institute of Tuberculosis and Lung Diseases,  
Shahid Beheshti University of Medical Sciences, Tehran, Iran  
**Lecture:** Tuberculosis and HIV



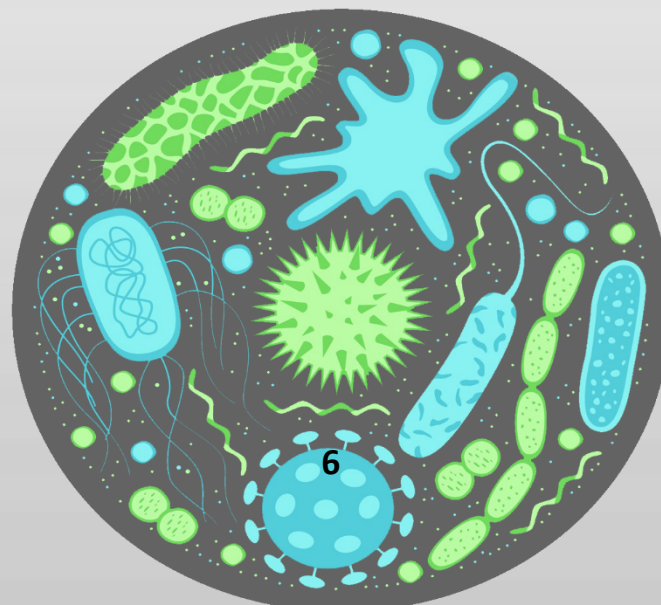
Dr. Mohammad Javad **Nasiri**  
School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran  
**Lecture:** Treatment of Mycobacteria Avium Complex (MAC)



Dr. Majid **Marjani**  
Clinical TB and Epidemiology Research Center,  
National Research Institute of Tuberculosis and Lung Diseases,  
Shahid Beheshti University of Medical Sciences, Tehran, Iran  
**Lecture:** Treatment and Detection of Inactive Tuberculosis



Dr. Mohammad Mehdi **Feizabadi**  
School of Medicine, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Efflux Pumps and Point Mutations and Their Roles in Multidrug-resistant Tuberculosis



## Panel IV: Antimicrobial Resistance

August 20, 2020

11:00 AM (GMT); 03:30 PM (Tehran Local Time)



Dr. Fereshteh **Shahcheraghi**, Head of Panel  
Medical Microbiology, Bacteriology Department, Pasteur Institute, Tehran, Iran



Dr. Jozef **Anne**  
Department of Microbiology and Immunology, Rega Institute, KU Leuven, Leuven, Belgium  
**Lecture:** New Targets in The Fight Against Resistant Bacteria



Dr. Christian **Giske**  
Division of Clinical Microbiology, Karolinska Institutet,  
Karolinska University Hospital, Solna, Sweden  
**Lecture:** Antibiotic Resistance in Gram Negative Bacteria



Dr. Mohammadreza **Salehi**  
Emam Khomeini Hospital Complex, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Anti Microbial Resistance and Anticlotic Percsption During the Covid 19 Pandemic Period



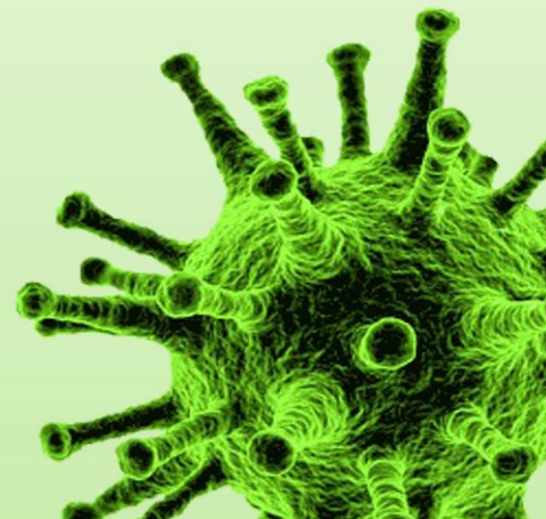
Dr. Fatima **Kaleem**  
Medical College, Foundation University, Islamabad, Pakistan  
**Lecture:** Reviving Older and Forgotten Antibiotics for Multidrug Resistant Bacteria



Dr. Farzad **Badmasti**  
Department of Bacteriology, Pasteur Institute of Iran  
**Lecture:** The Story of A. Baumannii



Dr. Mohammad **Emancini**  
Department of Microbiology, School of Medicine, Tehran University of Medical Sciences, Tehran, Iran  
**Lecture:** Drug Resistance in Gram-positive Cocci





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*and join the Congress*