

Daily Programs of 24th Iran's International Congress of Microbiology
18-20 September 2023

Programs in Khwarizmi Hall

Monday 18 Sep Khwarizmi Hall	
8:15-8:45	Opening Ceremony
8:45-9:10	Welcome Speech Prof. Nasrin Moazami (Microbial Biotechnologist) The position of microorganisms in the birth and evolution of life on Earth
9:10-9:35	Prof. Reza Malekzadeh's Speech (Adult gastrointestinal and liver Specialist) Microbial Infections: One of the Main Causes of Cancer
9:35-10	Prof. Abdolvahab Alborzi (Professor of Pediatric Infectious Diseases) Innovative Approach to Kala-azar Diagnosis, Treatment and Prevention by Clinical Microbiology Research Center, Shiraz University of Medical Science
10-10:30	Coffee Break and Poster Viewing
10:30-12	Panel on Laboratory Management
<p>Panel Chair: Dr. Hassan Morovvati (DVM. Ph.D. of Anatomical Sciences) Topic: (Development and improvement of human resources in the laboratory)</p> <p>Panel Members: Dr. Alireza Zarasvand (Director, Technology and innovation office , MSRT, IRAN) Topic: (Microbiology and Biotechnology situation in the technology and innovation ecosystem of Iran)</p> <p>Dr. Vahid Zare (Razi Vaccine and Serum Research Institute, Agricultural Research Education And Extention Organization) Topic: (Strategic management in knowledge-based organizations)</p> <p>Dr. Gholamreza Hamzelooi (Head of Reference Health Lab of Tehran University of medical sciences) Topic: (Quality assurance in clinical microbiology laboratories)</p>	

Dr. Peyman Falsafi (Assistant Professor, Institute of Agricultural Education & Extension, Agricultural Research, Education and Extension Organization, Tehran)

Topic: (Knowledge management in education and research centers)

Dr. Mohsen Lotfi (Associate Professor, Razi Vaccine & Serum Research Institute, Agricultural Research, Education and Extension Organization, Karaj, Iran)

Topic: (Good Laboratory Practices (GLP) principles in Research and Diagnostic Laboratories)

Dr. Bizhan Nomanpour (Associate Prof. of Clinical Microbiology Microbiology Dept. Kermanshah University of Medical Sciences)

Topic: (6 Sigma principles in clinical Microbiology laboratory)

Keynote Speech

Dr. Alireza Zarasvand

Director, Technology and innovation office, MSRT, IRAN

Microbiology and Biotechnology situation in the technology and innovation ecosystem of Iran

12-13:30

Prayer and Lunch Break

13:30-15

Panel on the Antimicrobial Resistance

Panel Chair: Dr. Kiarash Ghazvini (Ph.D. of Microbiology)

Topic: (Epidemiological trends of Vancomycin-resistant Enterococci isolated from healthcare-associated infections in Northeast of Iran during 2012 to 2022)

Panel Members: Prof. Christian G. Giske (Professor, Karolinska Institute, Stockholm, Sweden)

Topic: (New EUCAST Breakpoints and Methods)

Dr. Ali Pormohammad (Postdoctoral Associate, Scientist and Medical Microbiologist, University of Alberta, Canada)

Topic: (Novel Approaches in Controlling Chronic Non-Healing Wound Infections)

Prof. Cristina Mussini (Professor, Director of the Infectious Diseases Clinics, University Hospital, Modena, Italy)

Topic: (Strategies of Antimicrobial Stewardship)

Dr. Mohammad Hassan Aelami (Pediatrician and Pediatric Infectious Specialist)

Topic: (Antimicrobial resistance survey in university hospitals of Mashhad, Iran)

Dr. Sepideh Hassanzadeh (Ph.D. of Bacteriology)

Topic: (Exploring antibiotic usage and patterns of bacterial resistance)

Keynote Speech

Prof. Christian G. Giske

Director of EUCAST
Professor and Chief Consultant Physician Vice
Chair of Committee for Research in Karolinska Institute
Head of Division of Clinical Microbiology in Department of Laboratory Medicine, Karolinska Institute,
Stockholm, Sweden

New EUCAST Breakpoints and Methods

15-15:30	Coffee Break and Poster Viewing
15:30-17	Panel on the Infection Prevention and Control

Panel Chair: Dr. Arash Seifi (Infectious Diseases Specialist)

Topic: (Epidemiology of Healthcare associated infections)

Panel Members: Dr. Marianna Maschiari (Infectious and Tropical Diseases Specialist, Italy)

Topic: (Strategies of Infectious Control)

Dr. Davood Yadegarinia (Infectious and Tropical Diseases Specialist, Shahid Beheshti University of Medical Sciences)

Topic: (Introduction)

Dr. Esmail Mohammadnejad (Ph.D. of Nursing, Head of Infection Control at Imam Khomeini Hospital Complex)

Topic: (Prevention and Control of MDR Organisms in ICUs)

Dr. Fahimeh Hadavand (Infectious and Tropical Diseases Specialist)

Topic: (MRSA: Prevention of transmission in hospitals)

Dr. Hamid Solgi (Ph.D. of Bacteriology)

Topic: (Successful Control of outbreak)

Keynote Speech

Dr. Marianna Maschiari

Coordinator of Antimicrobial Stewardship Group and Active Member of the Infection Control Group in
Azienda Ospedaliero-Universitaria Policlinico di Modena, Italy
Member of Italian Society of Infectious and Tropical Diseases (SIMIT)

Strategies of Infectious Control

Monday 18 Sep
Abooreyhan Hall

10:30-12:00

Panel on the Role of Microorganisms in Cancer

Panel Chair: Dr. Masoud Alebouyeh (Ph.D. of Bacteriology)

Topic: (New findings in *Helicobacter pylori* infection and its role in the gastric cancer)

Panel Members:

Prof. Hartmut Schlüter (Professor of University Medical Center Hamburg-Eppendorf, Member of the Board of Directors of the Consortium for Top-Down Proteomics (CTDP), Head of Section "Mass Spectrometric Proteomics" of the UKE)

Topic: (Analysis of Proteoforms – closer to the relationship of proteins and their functions)

Dr. Seyed Reza Mohebbi (Medical Virologist)

Topic: (Hepatitis B virus and Hepatocellular carcinoma; an insight into molecular mechanisms of HBV carcinogenesis)

Dr. Saeid Latifi-Navid (Medical Molecular Genetics)

Topic: (Helicobacter pylori, Host Genetics, Gastric Microbiota and Gastric Cancer Risk)

Dr. Omid Memarsadeghi (MD, PhD, Dermatologist)

Topic: (Microbiome of Skin Cancer)

Prof. Hartmut Schlüter (Professor of University Medical Center Hamburg-Eppendorf, Member of the Board of Directors of the Consortium for Top-Down Proteomics (CTDP), Head of Section "Mass Spectrometric Proteomics" of the UKE)

Topic: (Analysis of Proteoforms – closer to the relationship of proteins and their functions)

Keynote Speech

Prof. Hartmut Schlüter

Professor of University Medical Center Hamburg-Eppendorf, Member of the Board of Directors of the Consortium for Top-Down Proteomics (CTDP), Head of Section "Mass Spectrometric Proteomics" of the UKE

Analysis of Proteoforms – closer to the relationship of proteins and their functions

12:00-13:30

Prayer and Lunch Break

13:30-15:00

Panel on the Nanomicrobiology: The role of Microorganisms in Nanotechnology

Panel Chair: Prof. Seyed Mahdi Rezayat (Professor of Pharmacology, Tehran University of Medical Sciences)

Panel Members: Dr. Fatemeh Gheybi (Medical Nanotechnology)

Topic: (Application of nano in microbiology)

Professor Jörg P. Kutter (Chairman of Analytical Biosciences at the Department of Pharmacy at the University of Copenhagen, Denmark)

Topic: (Microfluidics Based Analytical Strategies and Approach for Microbial Detection)

Prof. Bitā Mehravi (Professor of Medical Nanotechnology)

Topic: (Application of photocatalic-based nanostructured materials disinfection)

Dr. Somayeh Daneshjoo (Ph.D. of Nanobiotechnology)

Topic: (Study of biosynthesized nickel nanoparticles and antimicrobial activities from bacillus megaterium)

Dr. Masoomeh Amini (Ph.D. of Bacteriology)

Topic: (B-glucan and its liposomal form as effective antibiotic alternative in poultry)

Dr. Hamid Pajavand (Ph.D. of Bacteriology)

Topic: (Synthesis of CDs by hydrothermal method and evaluation of its antibacterial and anti-biofilm effect against antibiotic-resistant *S. aureus* and *P. aeruginosa* strains)

Keynote Speech

Professor Jörg P. Kutter

Chairman of Analytical Biosciences at the Department of Pharmacy at the University of Copenhagen, Denmark

Microfluidics Based Analytical Strategies and Approach for Microbial Detection

15:00-15:30

Coffee Break and Poster Viewing

15:30-17:00

Panel On Metagenomics

Panel Chair: Dr. Maryam Eslami (MD., Ph.D. in Genetics, and Regenerative Medicine Fellowship)

Panel Members: Dr. Maria Riedner (Coordinator of the Technology Platform Mass Spectrometry University of Hamburg, Hartmut Schlüter's Lab, Hamburg, Germany)

Topic: (Tissue sampling with infrared-laser systems – getting closer to the original composition of molecules in tissues)

Dr. Azadeh Safarchi (Ph.D. of Microbiology, Postdoctoral Research Fellow at CSIRO, Australia)

Topic: (Human Gut Microbiom and Disease Prediction)

Dr. Jale Moradi (Ph.D. of Bacteriology, Postdoctoral Researcher, Oral Health Center of Expertise, Norway)

Topic: (Introduction on Shotgun Metagenomics: From Sampling to Analysis)

Dr. Sama Rezasoltani (Ph.D. of Microbiology, Postdoctoral Fellow of Alexander von Humboldt Foundation, Hamburg, Germany)

Topic: (Proteomics and Mass Spectrometry)

Dr. Mohammadali Khosravi (Ph.D of Biotechnology)

Topic: (CRISPR revolution: unlocking the potential of microbial genomes for Biotechnology and beyond)

Keynote Speech

Dr. Maria Riedner

Coordinator of the Technology Platform Mass Spectrometry University of Hamburg, Hartmut Schlüter's Lab, Hamburg, Germany

Tissue sampling with infrared-laser systems – getting closer to the original composition of molecules in tissues

Monday 18 Sep
Andisheh Hall

13:30-15

Oral Presentation: (Young Researchers)

13:30-13:40

Pannel Chair: Dr. Morvarid Shafiei

13:40-15

Topic: (Bacteriophage-Delivering Hydrogel offers simultaneous promise against methicillin-resistant *Staphylococcus aureus* (MRSA) causing bedsore and diabetic wounds)

Pannel members:

Golnar Rahimzadeh, Shahin Sheiki, Zohre Eshaghi Seijani, Somayeh Kermani, Hajar Hajian, Hamidreza Gelyan, Batool Kaviani, Abbas Zarei, Zenab Ghanei Aghmooyei

Tuesday 19 Sep
Abooreyhan Hall

8:30-10:00

Panel on the Prebiotics and Probiotics

Panel Chair: Dr. Saeed Mirdamadi (Ph.D. of Biotechnology)

Topic: (Probiotics and their bioactive derivatives, opportunities and challenges)

Panel Members:

Prof. Hartmut Schlüter (Professor of University Medical Center Hamburg-Eppendorf, Member of the Board of Directors of the Consortium for Top-Down Proteomics (CTDP), Head of Section "Mass Spectrometric Proteomics" of the UKE)

Topic: (Analysis of Proteoforms – closer to the relationship of proteins and their functions)

Dr. Omid Pajand (Ph.D. of Medical Microbiology)

Topic: (Effects of probiotic supplementation on exercise; Can probiotics make our muscle stronger?)

Dr. Parvaneh Jafari (Ph.D. of Microbiology)

Dr. Marzieh Hosseini-zhad (Ph.D. of Food Microbiology)

Topic: (Progressive concept of postbiotic metabolites, new horizons of applied microbiology in functional foods and nutraceuticals)

Dr. Mahdi Rohani (Ph.D. of Medical Bacteriology)

Topic: (Evaluation of native probiotic bacteria on gut inflammation status via different signaling pathways)

Keynote Speech

Prof. Hartmut Schlüter

Professor of University Medical Center Hamburg-Eppendorf, Member of the Board of Directors of the Consortium for Top-Down Proteomics (CTDP), Head of Section "Mass Spectrometric Proteomics" of the UKE

Analysis of Proteoforms – closer to the relationship of proteins and their functions

10:00-10:30

Coffee Break and Poster Viewing

10:30-12:00

Panel on Bacteriophages and Phage Therapy

Panel Chair: Dr. Nour Amirmozafari (Ph.D. of Microbiology)

Panel Members: Prof. Mikael Skurnik (Emeritus Professor of Bacteriology, Helsinki, Finland)

Topic: (Phage Therapy Initiative in Finland)

Dr. Raheleh Majdani (Ph.D. of Microbiology)

Topic: (phage therapy: challenges and opportunities)

Dr. Shakiba Darvish Alipoor (Ph.D. of Microbiology)

Topic: (Comparison of antibacterial activity of bacteriophage and phage-derived endolysin)

Dr. Golnar Rahimzadeh (Ph.D. of Microbiology)
Topic: (Phage therapy to preventing bacterial pneumonia in patients: A double-blind clinical trial study)

Keynote Speech

Prof. Mikael Skurnik

Research Director, Emeritus Professor of Bacteriology, Department of Bacteriology and Immunology, Haartman Institute, University of Helsinki Researcher, Emeritus Head of Laboratory, Division of Clinical Microbiology, Helsinki University Hospital, Finland

Phage Therapy Initiative in Finland

12:00-13:30

Prayer and Lunch Break

13:30-15:00

Panel on the Microbiology and Pharmacology

Panel Chair: Dr. Naser Mohammadpour (Ph.D. of Pharmaceutical Biotechnology)

Topic: (Haemophilus Influenzae Type b polysaccharide-Tetanus toxoid conjugate vaccine development in IRAN)

Panel Members:

Dr. Reza Jalalirad (Ph.D. of Industrial Microbiology)

Topic: (Challenges relevant to industrial production of biopharmaceutical recombinant proteins using *Escherichia coli* workhorse)

Dr. Mohammad Taghavian (Ph.D. of Pharmaceutical Biotechnology)

Dr. Mohammad Reza Fazeli (Ph.D. of Microbiology)

Dr. Delaram Doroud (Ph.D. of Biotechnology)

Topic: (Cell Banking in Pharmaceutical Microbiology: Ensuring Quality, Stability, and Safety)

Keynote Speech

15:00-15:30

Coffee Break and Poster Viewing

15:30-17:00

Panel on the Quality Control in Pharmaceutical and Cosmetics

Panel Chair: Prof. Arash Mahboubi (Professor of Pharmaceutics)

Panel Members: Dr. Nasrin Samadi (Ph.D. of Pharmaceutics)
Dr. Hossein Jamalifar (Ph.D. of Microbiology)
Prof. Hamidreza Moghimi (Professor of Pharmaceutics)
Parastoo Rezaee (Ph.D. of Microbiology, Head of Quality Control of Varian Pharmed Pharmaceutical Company)

Tuesday 19 Sep
Andisheh Hall

8:30-10:00

Panel on the Tuberculosis

Panel Chair: Dr. Abbas Ali Imani Fooladi (Professor of Medical Bacteriology)

Panel Members: Dr. Jalil Kardan (Quality Control and Screening Management Office, Deputy of Technical and New Technologies, Iranian Blood Transfusion Organization)

Topic: (Mycobacterium; Health and Disease)

Dr. Mohammad Javad Nasiri (Ph.D. of Microbiology)

Dr. Mostafa Ghalami Nobar (MSc of Microbiology)

Dr. Sirus Amini (Ph.D. of Microbiology)

Dr. Hossein Kazemian (Assistant Professor, Department of Medical Microbiology, Ilam University of Medical Science)

Topic: The growing challenge of Non-Tuberculosis Mycobacteria

10:00-10:30

Coffee Break and Poster Viewing

10:30-12:00

Oral presentations: (Young Researcher)

10:30-10:40

Panel Chair: Dr. Mehri Haeili

10:40-12:00

Topic: (Multifactorial resistance mechanisms associated with tigecycline resistance in *Escherichia coli*)

Panel Members:

Masoumeh Rajabzadeh, Mohammad Milad Shirandehi, Kambiz Feizi, Davood Javanmard, Parya Barooni Reshno, Faezeh Enbe Ali, FARiba Mofidi, Mina Shirmohammadpour, Samaneh Kheibari

12:00-13:30

Prayer and Lunch Break

13:30-15:00

Oral presentations: (Young Researchers)

13:30-13:40

Panel Chair: Dr. Rashid Ramazanzadeh

13:40-15:00

Topic: (Genotyping of extended spectrum beta-lactamases (ESBLs) producing *Pseudomonas meh* Isolates from Nosocomial infections)

Panel Members:

Amin Khoshbayan, Mohsen Seydabadi, Mahdieh Tarahhomi, Shokoofeh Zadehnasir, Zahra Rafat, Alireza Mohammad Hosseini, Mahdieh Baba, Seyed Mahdi Hosseinian

15:00-15:30	Coffee Break and Poster Viewing
15:30-17:00	Oral presentations: (Young Researchers)
15:30-15:40	Panel Chair: Dr. Naseh Maleki
15:40-17:00	Topic: (Microbial profiling of <i>Paederus fuscipes</i> (Coleoptera: Staphylinidae) through Next-Generation Sequencing)
	Panel Members: Sepideh Soltani, Dalileh Aslani, Alireza Hatami Rad, Ahad Shahmaleki, Afsaneh Mola Mirzaei, Hadiseh Rabiei, Fatemeh Beh Oftadeh, Zahra Tahmasebi, Mina Latifian, Zahra Davtalab Toosi
Wednesday 20 Sep Abooreyhan Hall	
8:30-10:00	Panel on the Emerging and Reemerging Diseases
<p>Panel Chair: Prof. Ehsan Mostafavi (Professor of Epidemiology) Topic: (What will the future pandemics look like and how prepared are we to deal with them?)</p> <p>Panel Members: Dr. Masoud Mardani (Professor of Infectious Disease, Shahid Beheshti Medical University) Topic: (Long COVID-19)</p> <p>Dr. Ahmad Raeisi (Communicable Diseases Management Centre) Topic: (An overview of the latest malaria situation in Iran)</p> <p>Dr. Seyed Mohsen Zahraei (Infectious and Tropical Diseases Specialist, Head of the Vaccine-Preventable Diseases Department, Communicable Diseases Management Centre) Topic: (Elimination of measles and rubella and the challenges of maintaining it)</p> <p>Dr. Saber Esmaeili (Ph.D. of Medical Bacteriology, Pasteur Institute of Iran) Topic: (Identification of tick-borne rickettsia in Iran)</p> <p>Dr. Abdolreza Mir-Oliaei (Communicable Diseases Management Centre) Topic: (Aedes mosquito in Iran, an emerging threat that needs attention)</p> <p>Dr. Fahmieh Bagheri Amiri (Ph.D of Epidemiology, Pasteur Institute of Iran) Topic: (Microbial resistance in Iran, a serious threat but less attention)</p> <p>Dr. Neda Baseri (Ph.D. in Medical Bacteriology; Pasteur Institute of Iran) Topic: (Q fever, an emerging disease with public health importance in Iran)</p>	

Keynote Speech

Dr. Masoud Mardani

Professor of Infectious Disease, Shahid Beheshti medical University, MD,MPH

Long Covid 19

10:00-10:30

Coffee Break and Poster Viewing

10:30-12:00

Panel on Infection in Immunocompromised Patients

Panel Chair: Dr. Sara Abolghasemi (Infectious and Tropical Diseases Specialist, Immunocompromised Host Fellowship)

Topic: (Management of CMV infection in immunocompromised patients)

Panel Members: Dr. Mohammadreza Salehi (MD and IDS, Research Center for Antibiotic Stewardship and Antimicrobial resistance, Tehran University of Medical Sciences)

Topic: (The role of non-antibiotic methods in the treatment of multi drug resistant microorganisms)

Prof. Stefania Stefani (Professor of Microbiology and Medical Microbiology, University of Catania, Italy)

Topic: (The Importance of Fast Microbiology in the Antimicrobial stewardship era)

Prof. Seyed Alireza Naji (Professor of Medical Virology, Virology Research Center, Dr. Masih Deneshvari Hospital)

Topic: (How to manage drug-resistant CMV infections?)

Dr. Zahra Abtahian (Infectious and Tropical Diseases Specialist, Immunodeficiency Fellowship, National Research Institute of Tuberculosis and Lung Diseases, Dr. Masih Daneshvari Hospital.)

Topic: (Management of Pneumonia of immunocompromised patients)

Dr. Hamed Fakhim (Assistant Professor of Medical Mycology, Infectious Diseases and Tropical Medicine Research Center)

Topic: (How to manage antifungal resistant infections in immunocompromised patients?)

Dr. Elaheh Nasri (Infectious and Tropical Diseases Specialist, Immunodeficiency Fellowship)

Topic: (Management of pneumocystis jirovici pneumonia in immunocompromised patients)

Keynote Speech

Dr. Mohammadreza Salehi

MD and IDS, Research Center for Antibiotic Stewardship and Antimicrobial resistance, Tehran University of Medical Science

The role of non-antibiotic methods in the treatment of multi drug resistant microorganisms

12:00-12:30

Closing Ceremony

Wednesday 20 Sep
Khwarizmi Hall

8:30-10:00

Food Microbiology

Panel Chair: Dr. Maryam Hashemi (Professor in Food Bioprocess, Microbial Biotechnology Department, Agricultural Biotechnology Research Institute of Iran (ABRII), Karaj, Iran)

Topic: (One Health Approach in Food Security)

Panel Members: Dr. Abdollah Nazarinia

Topic: (An overview of the state of health and food control in the country)

Dr. Mehdi Razaghi Abyaneh (Ph.D of Mycology)

Topic: (Fungal toxins and toxin-producing fungi. Challenges, opportunities and their role in food security)

Dr. Ramin Khaksar (Clear Labs Inc., Rutgers University, USA)

Topic: (Unlocking Diverse Microbiological Applications Through Next Generation Sequencing)

Dr. Mohammad Zeinali (MPH, PhD of Medical parasitology, Assistant Professor, Head of National Department of Food & Water Borne Disease Control, Center of Communicable Diseases Control Ministry of Health and Medical Education)

Topic: (Surveillance Of Food and Water Borne Diseases in Iran)

10:00-10:30

Coffee Break and Poster Viewing

10:30-12

Panel on the Zoonotic Diseases

Panel Chair: Dr. Nader Mosavari (Ph.D. of Microbiology, Head of Tuberculin and Maleine Research and Production Department, Razi Vaccine and Serum Research Institute)
Topic: (The need to review the diagnosis of Glanders at solipeds in the control and eradication program)

Panel Members: Dr. Joan Joseph Munne (Assistant Physician of the Microbiology, Service and Associate Researcher in Vall d'Hebron University, Hospital, Spain)

Topic: (A Novel Automated System for Malaria Diagnosis by using Artificial Intelligence Tools and a Universal Low-Cast Robotized Microscope)

Dr. Behzad Amiri (Forensic Specialist)

Topic: (The importance of monkeypox disease in the world and Iran)

Dr. Mohammad Reza Shirzadi (Infectious and Tropical Diseases Specialist)

Topic: (The importance of zoonotic diseases and the status of leishmaniasis in the country)

Dr. Sara Doosti (Expert on Common Wild Diseases, Center for Communicable Disease Control)

Topic: (The importance of CCHF and its care system in the country)

Dr. Mahboubeh Khaton Ghanbari (Expert on Common Wild Diseases, Center for Communicable Disease Control)

Topic: (The importance of Brucellosis and its care system in the country)

Dr. Masomeh Gasem Zadeh (National zoonoses Expert of Center for Communicable Disease Control, IRAN (MOH))

Topic: (The importance of Leptospirosis and its care system in the country)

Dr. Karim Amiri (Head of Mycobacterial Diseases Control Group Iran Veterinary Organization)

Topic: (The impact of bovine tuberculosis control on human health)

Dr. Nader Mosavari (Head of Tuberculosis and Glanders Department, Razi Vaccine and Serum Research Institute, IRAN)

Topic: (The need to review the diagnosis of Glanders at solipeds in the control and eradication program)

Keynote Speech

Dr. Joan Joseph Munne

Assistant Physician of the Microbiology, Service and Associate Researcher in Vall d'Hebron University, Hospital, Spain

A Novel Automated System for Malaria Diagnosis by using Artificial Intelligence Tools and a Universal Low-Cast Robotized Microscope

12:00-12:30

Closing Ceremony

Wednesday 20 Sep Andisheh Hall

8:30-10

Panel on the Disaster Microbiology

Panel Chair: Prof. Mohammad Reza Pourmand (Professor of Medical Microbiology)

Topic: (Capacity of the microbial platform in Tehran)

Panel Members: Dr. Abbas Ostadtaghizadeh (Ph.D. of Health in Disaster and Emergencies)

Topic: (Learned-lessons of 2019 flooding)

Prof. Hossein Hatami (Infectious and Tropical Diseases Specialist)

Topic: (Classification of Bioweapons and Related Syndromes)

Dr. Mohammad Javad Moradian (Ph.D. of Health in Disaster and Emergencies)

Topic: (Emergency planes in the laboratory)

Dr. Motahare Feizabadi Farahani (Center for Paleogenetics, University of Stockholm, Sweden)

Topic: (Ancient Pathogen Studies: Unveiling Human Health)

10:00-10:30

Coffee Break and Poster Viewing

10:30-12	Oral presentations: (Young Researchers)
10:30-10:40	Panel Chair: Dr. Zohreh Mashak
10:40-12	Topic: (A new approach in food packaging: smart, active, biodegradable nanobiocomposite) Panel Members: Mona Ahmadvand Koohsari, Zahra Bagherpour Goharkan, Seyed Negin Nazari, Tayabe Hasan Soltani Soolghani, Sohrab Sam, Reyhaneh Rafiei Delfan, Mojtaba Ali Molayi, Arash Yoosefi Orvand, Nafiseh Erfanian, Niloofar Rezaei)
12:00-12:30	Closing Ceremony