



**Let's Work Together Against the Global Threat of Antimicrobial
Resistance**

**Inaugural Session
Friday 20th May 2022**

9:00-9:05 am	Recitation of the Holy Quran
9:05-9:10 am	National Anthem
09:10 – 09:20 am	Introduction and overview of symposium Professor Dr Maj Gen Irfan Ali Mirza MMIDSP Conference Chair
09:20 – 09:30 am	Welcome Address/ Achievements Dr. Bushra Jamil, President, MMIDSP
09:30 – 09:40 am	Address by Chief Guest Lt. Gen Wasim Alamgir HI(M), Vice Chancellor National University of Medical Sciences
09:40 – 10:00 am	Vote of Thanks Dr. Faisal Hanif, General Secretary, MMIDSP
10:00 – 10:30pm	Tea Break



Symposium Program Day 1 Friday 20th May 2022									
1030 1055 hr-	Keynote Address I: <i>Current Infectious Disease Situation and Way Forward.</i> Dr Faisal Sultan Shaukat Khanam Memorial Cancer & Research Hospital Duration 25 min								
1055 – 1120hr	Keynote Address 2: <i>Antimicrobial Resistance; The Shifting Paradigm</i> Maj Gen Prof. Aamer Ikram Executive Director, National Institute of Health, Islamabad Duration 25 min								
1120 – 1135hr	Plenary 1: <i>TB Research Journey! A Priority to End TB</i> Dr Raazia Fatima Chief Research and Surveillance CMU TB HIV & AIDS Duration 15 min								
1135- 1150 hr	Plenary 2: <i>The Human-Animal-Ecosystem interface- the forgotten precipice</i> Prof Dr Bushra Jamil Consultant Infectious Diseases AKU, Karachi Duration 15 min								
1150 – 1205 am	Plenary 3: <i>Gathering Storm of AMR- Role of Microbiologist in steering the ship</i> Prof (Maj Gen) Irfan Ali Mirza Head of Microbiology Deptt AFIP RWP Duration 15 min								
1205 – 1220	Plenary 4: <i>History of MMIDS</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> Dr. Muneeba Ahsan Sayeed Consultant Infectious Diseases DUHS </td> <td style="width: 33%; vertical-align: top;"> Dr Naseem Salahuddin Consultant Infectious Diseases Indus Hospital, Karachi Duration 15 min </td> <td style="width: 33%; vertical-align: top;"> Dr Ramla Ghafoor Fellow ID </td> </tr> </table>	Dr. Muneeba Ahsan Sayeed Consultant Infectious Diseases DUHS	Dr Naseem Salahuddin Consultant Infectious Diseases Indus Hospital, Karachi Duration 15 min	Dr Ramla Ghafoor Fellow ID					
Dr. Muneeba Ahsan Sayeed Consultant Infectious Diseases DUHS	Dr Naseem Salahuddin Consultant Infectious Diseases Indus Hospital, Karachi Duration 15 min	Dr Ramla Ghafoor Fellow ID							
1220 – 1300 HRS	<i>Let's Work Together Against the Global Threat of Antimicrobial Resistance</i> Moderator: Dr Rabia/Dr Maria AFIP Panel Discussion: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Dr Faisal Sultan</td> <td style="width: 50%;">Prof Afia Zafar</td> </tr> <tr> <td>Dr Bushra Jamil-----</td> <td>Major Gen Prof. Irfan Ali Mirza</td> </tr> <tr> <td>Dr Shobha Luxmi-----</td> <td>-Dr Naseem Salahuddin</td> </tr> <tr> <td>Prof Dr Maj Gen Arshad Naseem-----</td> <td>-Dr Kausar Jabeen</td> </tr> </table>	Dr Faisal Sultan	Prof Afia Zafar	Dr Bushra Jamil-----	Major Gen Prof. Irfan Ali Mirza	Dr Shobha Luxmi-----	-Dr Naseem Salahuddin	Prof Dr Maj Gen Arshad Naseem-----	-Dr Kausar Jabeen
Dr Faisal Sultan	Prof Afia Zafar								
Dr Bushra Jamil-----	Major Gen Prof. Irfan Ali Mirza								
Dr Shobha Luxmi-----	-Dr Naseem Salahuddin								
Prof Dr Maj Gen Arshad Naseem-----	-Dr Kausar Jabeen								



1300-1400HRS	LUNCH /PRAYER BREAK	
1400-1600hrs	<p>Parallel Session 1 <i>Title: Fungal Infections: Perspectives on Epidemiology and Resistance</i></p> <p>Chair: Prof Dr Asim Beg Co-Chair: Dr Muhammad Usman Moderator: Dr Afreenish, NIH Pak</p>	<p>Parallel Session 2 <i>Title: Antimicrobial Stewardship Practical Examples from Hospitals and Audit Reports</i></p> <p>Chair Chair: Prof Dr Ejaz A Khan Co-Chair: Dr Gohar Zaman Moderator: Dr Sakeenah Hussain Naqvi, AFIP</p>
	<p>1. Mucormycosis: Epidemiology and Resistance</p> <p>Dr Jeremy Gold Mycotic Disease Branch, CDC USA Duration: 20 minutes</p> <p>2. C. auris International Spread and Outbreaks Dr Shawn Lockhart CDC USA Duration: 20 minutes</p> <p>3. Antifungal Resistance and Newer Agents Dr Faisal Mehmood AKU, Karachi Duration: 20 minutes</p> <p>4. C.auris in Pakistan: Genomic Surveillance Dr Afreenish NIH Islamabad Duration: 20 minutes</p> <p>Q & A (10 min)</p>	<p>1. Antibiotic Stewardship: Possible or Not Possible</p> <p>Dr Altaf Ahmed Consultant Microbiologist PKLI &RC Lahore Duration: 20 minutes</p> <p>2. WHO Priority List of Antibiotics- Role in Antimicrobial Stewardship Dr Farheen Ali. Associate Professor Infectious Diseases National Institute of Cardiovascular Diseases, Karachi Duration: 20 minutes</p> <p>3. Survey of Antibiotic Resistance In Pakistan And Importance Of Surveillance Studies To Combat AMR</p> <p>4. Dr Summiya Nizamuddin Consultant Microbiologist SKMC&RC Lahore Duration: 20 minutes</p> <p>Q & A (10 min)</p> <p>5. Suggestions for customize Pakistan Sensitivity Card VITEK-2 System – Focused Group discussion</p>
	<p>Free papers</p> <p>1. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p> <p>2. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p>	<p>Free papers</p> <p>1. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p> <p>2. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p>



Symposium Program Day 2 Saturday 21st May 2022		
0900 – 1100hrs	Parallel session 3 <i>Title: Rare Presentations of Common Infectious Diseases – Vice versa</i> Chair: Prof Dr Maj Gen Salman Saleem Co Chair: Dr Summiya Nizamuddin Moderator: Dr Nasim Akhtar, PIMS Pak	Parallel session 4 <i>Title: Evolving Diagnostic Modalities in Microbiology</i> Chair: Prof Dr Maj Gen Irfan Ali Mirza Co Chair: Dr Shobha Luxmi Moderator: Dr Joveria Farooqi -Assistant Professor, Pathology and Lab Medicine, Aga Khan University, Karachi
	1- Case Collection –1 Dr Amna Assistant Consultant Infectious Diseases Shifa International Hospital Islamabad Duration: 20 minutes	1. Advantages and Challenges of Vitek MS (MALDITOF): To Use Or Not To Use Dr Irim Iftikhar Consultant Microbiologist, Chughtai Lab, Lahore Duration: 20 minutes
	2- Case Collection –2 Dr Nasim Akhtar Assistant Professor Infectious Diseases PIMS IBD Duration: 20 minutes	2. Applying molecular diagnostics in clinical care: advantages and pitfalls Dr Fatima Mir Associate Professor & Section Head Paediatrics Infectious Diseases, Paediatrics & Child Health, Aga Khan University, Karachi Duration: 20 minutes
	3- Case Collection –3 Prof Dr Ejaz A Khan Diplomate American Board of Paediatrics/ Infectious Diseases Chief of Paediatrics Shifa International Hospital Islamabad Duration: 20 minutes Q & A (10 min)	3. Ethos of Syndromic based testing Speaker Dr Maria Mushtaq AFIP 4. Implementation and Acceptability of New Diagnostic Modalities in Microbiology - Experience and Expectations Panel Discussion: Dr Irim Iftikhar, Dr Fatima Mir, Dr Naima Fasih (Medical Microbiologist, Department of Pathology and Lab Medicine, Armed Forces Hospital, Southern Region, Saudi Arabia), Dr Sana Anwar (Associate Professor, Liaquat National Medical College, Karachi) 5. Time: 40 minutes
Free papers 1. Title Speaker Name	Free papers 1. Title Speaker Name	



	<p>Speaker designation and affiliation Time: 07 minutes</p> <p>2. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p> <p>3. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p> <p>Q & A (07min)</p>	<p>Speaker designation and affiliation Time: 07 minutes</p> <p>2. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p> <p>Q & A (07 min)</p>
1100 – 1130 hrs	TEA BREAK	
1130 1330 hrs	<p>Parallel session 5</p> <p><i>Title: Rising Resistance and Diminishing Options: What lies in the future</i></p> <p>Chair Prof Dr Bushra Jamil Co-Chair: Dr Javed Usman Moderator: Dr. Kiren Habib, AKU</p>	<p>Parallel session 6</p> <p><i>Title: Antimicrobial Resistance & COVID -19</i></p> <p>Chair: Prof Dr Maj Gen Arshad Naseem Co Chair: Dr Tariq Butt Moderator Amjad Mehboob</p>
	<p>1. Mechanisms of Resistance in Bacteria and Potential Therapeutic Targets</p> <p style="text-align: center;">Dr. Muneeba Ahsan Sayeed Assistant Professor Sindh Infectious Diseases Hospital and Research Centre Dow University of Health Sciences Karachi Duration (20 min)</p> <p>2. What's in the Antibiotic Pipeline to Tackle "Superbugs"?</p> <p style="text-align: center;">Dr. Nosheen Nasir Assistant Professor AKU Duration (20 min)</p>	<p>1. COVID & AMR. Did It Increase or Decrease?</p> <p style="text-align: center;">Dr Shobha Luxmi Consultant Infectious Diseases National Institute of Cardiovascular Diseases, Karachi, Pakistan Duration (20 min)</p> <p>2. Title: Global & Regional updates on AMR IPC during COVID-19</p> <p style="text-align: center;">Dr Bassem Zayed WHO AMR Consultant Jordan Duration (20 min)</p> <p>3. COVID -19 A Realistic Review_</p> <p style="text-align: center;">Prof Dr Maj Gen Ejaz Ghani Head of Virology Department AFIP RWP Duration (20 min)</p>



	<p>3. Treatment Strategies for MDR and XDR TB</p> <p>Dr. Muhammad Irfan Professor AKU Duration (20 min)</p> <p>4. The landscape of HIV in Pakistan with focus on drug resistance</p> <p>Dr. Hani Abidi Associate Professor, AKU Duration (20 min)</p> <p>Q & A (10 min)</p>	<p>4. Colistin Resistance: Comparison of Various Phenotypic Susceptibility Methods for Routine Laboratory Use Dr Wajid Hussain Associate Professor of Pathology AFIP RWP Duration (20 min)</p> <p>Q & A (10 min)</p>
	<p><i>Free paper s</i></p> <p>1. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p> <p>2. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p> <p>Q & A (07 min)</p>	<p><i>Free paper s</i></p> <p>3. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p> <p>4. Title Speaker Name Speaker designation and affiliation Time: 07 minutes</p> <p>Q & A (07 min)</p>
1330 – 1430 hrs	LUNCH AND PRAYERS BREAK	
1430 – 1540	<p><i>Airborne Infection Isolation Room (AIIR) A Low-Cost Solution For 3rd World</i></p> <p>Dr Sakeenah Hussain Naqvi Consultant Microbiologist AFIP RWP Duration:15 min</p>	
	<p><i>Interactive session: Guess the Bug</i> Duration 40 min Dr Faisal Mehmood/ Dr Muneeba/ Dr Fizza Farooqi</p>	
1540 – 1630	<p><i>Closing ceremony & Vote of Thanks</i> <i>Names of moderators</i> <i>Best free paper</i> <i>Best poster</i></p>	



PRE-CONFERENCE WORKSHOPS

Thursday 19th May 2022

1- Built Healthcare Environment

Moderator: Dr Seema Irfan
Facilitators: Prof Dr Afia Zafar
Dr Seema Irfan,
Ms. Rozina Roshan
Ms Nazleen Virani
Time: 0900 AM-0100 PM
Venue: Conference Room, AFIP RWP
Objectives: To understand the basics of Healthcare Building design
To identify role of infection control team in Healthcare design and ventilation

Timing	Topics	Facilitators
9:00-9.30	Hospital building design	Dr Afia Zafar Dr Seema Irfan, Ms. Rozina Roshan / Nazleen Virani
9.30-10.00	Hospital ventilation systems requirements	
10.00-10.30	Tea break	
10.30-10.45	Methods of air disinfection	
10.45-11.00	Methods of air quality monitoring	
11.00-11.20	Group activity	
11.20-12.30	Scenario based discussion	
12.30-12.45	Feedback	
12.45-1.00	Certificates distribution	

2- Standardization, Analysis of Antimicrobial Susceptibility Data and Development of Antibiogram Using “WHONET”

Moderator: Dr Afreenish Amir,
Mr. Jahanzeb Anjum,
Time: 0900-1200 am
Venue: Conference Room, Microbiology Dept, AFIP, RWP
Objectives: To understand the national AMR surveillance system
To utilize microbiology data
Software based analysis of microbiology datasets

TIME	ACTIVITY	SPEAKER/ FACILITATOR
0900-0930	Introduction of participants and workshop objectives, GLASS and PASS	Dr Afreenish Amir, Technical Officer AMR Mr. Jahanzeb Anjum, Technical Officer IT NIH
0930-1000	Data Standardization: Quality Checks/ Validation	
1000-1020	Tea break	
1020-1050	Introduction to WHONET	



1050-1120	Microbiology Data Analysis/ Antibiogram	
1120-1200	WHONET & Baclink: Data Analysis	
1200-1215	Closing, Certificate Distribution	

3- Diagnosis of Gastrointestinal and Haemoparasites

Moderator: **Prof, Dr Asim Beg**

Consultant Parasitologist

AKU

Time: 0900-1200 hrs

Venue: **Mycology Room, Microbiology Department, AFIP RWP**

4- Hospital Infection Control

Moderator: **Dr Nasim Akhter PIMS**

Assistant Professor Infectious Diseases

PIMS IBD

Time: 0200-0500 pm

Venue: **Conference Room, Microbiology Dept, AFIP, RWP**

5- Identification of Common Pathogenic Molds

Moderator/: **Dr Sakeenah Hussain Naqvi**, Consultant Microbiologist, AFIP RWP

Dr Wajid Hussain, Consultant Microbiologist, AFIP RWP

Facilitators: Lab Tech Sultan

Time: 0200-0500 pm

Venue: **Mycology Room, Microbiology Department, AFIP RWP**

TIME	ACTIVITY	SPEAKER/ FACILITATOR
0200-0430 PM	Preparation of samples and microscopic examination for fungal hyphae	Dr Wajid Hussain Sultan
	Key to identification of common molds for beginners	Dr Sakeenah Hussain Naqvi
0430- 0500	Distribution of certificates	Dr Sakeenah Hussain Naqvi



6- Antimicrobial Stewardship – Implementation Challenges of ID Physicians, ID Pediatricians & ID Pharmacists

Time: 1400-1700 am

Venue: AFIP Moderators/ Facilitators

Prof Dr Altaf Ahmed, Consultant Microbiologist PKLI LHR

Prof Dr Ejaz A Khan, Consultant Infectious Disease, Shifa International hospital Islamabad

Dr Faisal Hanif, PEMH RWP

Prof Dr Muhammad Faheem Afzal, Pediatric Infectious Diseases, Ameer-ud-Din Medical College PGMI LGH Lahore

Mr Waqas Pharmacist Ali Medical IBD

Time: 0200-0500 pm

Venue: Conference Room, AFIP RWP

TIME	ACTIVITY	SPEAKER/ FACILITATOR
1400-1415	Welcome Address – Introduction of participants	Dr Altaf Ahmed/ Dr Ejaz A Khan
1415- 1430	Basics of Antibiotic Stewardship	Dr. Altaf Ahmed
1430 – 1450	Core Values of ASP	Dr Faisal Hanif
1450-1510	Challenges of Stewardship among Pediatric ICUs and NICUs	Dr Ejaz A khan
1510-1530	Diagnostic Stewardship	Dr Muhammad Faheem Afzal
1530 - 1600	Rule and Challenges of Pharma ID in antibiotic Stewardship	Mr. Waqas
1600- 1640	Case discussion Participants will be divided in two groups (Adult ID and Pediatric ID cases)	All Facilitators
1640- 1700	Closing / Certificate distribution	