



1st National Health Preparedness and Resilience Conference 23-24 June

Diarrheal Diseases: Challenges, Innovations, and Public Health Strategies

Conference Agenda

DAY-1			
Inauguration Session			
Time	Agenda Item	Speaker	
08:00 - 08:55 AM	Guests and Participants to be seated		
9:00 am	Arrival of the Chief Guest		
9:05 am	National Anthem		
9:10 am	Recitation of Holy Quran		
9:15 am	Welcom address	CEO, NIH	
9:25 am	Remarks (WHO)	WR, WHO	
9:30 am	Remarks (UKHSA)	Country lead, UKHSA	
9:35 am	Remarks (Jhpiego)	Country lead, Jhpiego	
9:40 am	Remarks (DAI)	Country lead, DAI	
9:45 am	DG Health	MoNHSR&C	
9:55 am	Remarks by Chief Guest	Health Minister	
10:10 am	Group Photo		
10:30 - 11:00AM Tea Break			
Disease Surveillance and Outbreak Investigation			
Time	Talk	Speaker	Affiliation
11:05 - 11:20 AM	Epidemiology and Burden of Diarrhoeal Diseases in Pakistan	Zeeshan Baig	UKHSA
11:21 - 11:36 AM	Cholera: Regional Overview and Strategy	Dr. Thomas Mollet	WHO
11:37 - 11:52 AM	Digitalization and Interoperability in Disease Surveillance	Paul Cleary	UKHSA
11:53 - 12:05 PM	Outbreak Investigation of Acute Watery Diarrhea in a Religious Gathering in UC91, District Jhang, Punjab, 2024: A Case-Control Study	Dr Javaria Altaf	Disease Surveillance and Response Unit Jhang Punjab
12:06 - 12:18 PM	Outbreak Investigation of Acute Watery Diarrhea Following a Funeral in a Village of District Pakpattan, Pakistan, September 15, 2023: a Case-Control Study	Dr Faizan Arshad	FETP 15th Cohort
12:19 - 12:31 PM	Epidemiological Assessment of Amoebic Dysentery in Vehari District, Pakistan, May–September 2024: A Case-Control Study	Dr Mohammed Ashraf	FETP 15th Cohort
12:32 - 12:44 PM	The Global Burden of Diarrheal Disease in the Provinces of Punjab, Sindh, Khyber Pakhtunkhwa, Balochistan, and in the Capital, Islamabad (2021)	Shahana Ali Khan	Khyber Medical College, Peshawar
12:45 - 12:50 PM Q&A			
12:50 - 01:20 PM Panel Discussion		Panelist: Paul Cleary, Thomas Mollet, Qadeer Ahsan, Elisabeth Hesse, Shah Mansoor	
1:20 - 2:00 PM Lunch/prayer break			
Laboratory Systems and Pathogen Genomics			
Time	Talk	Speaker	Affiliation
2:00 - 2:15 PM	An Overview of Lab Systems and Genomics in Pakistan	Prof. Dr. Aamer Ikram	Advisor (M)
2:16 - 2:31 PM	Strengthening Diagnostics and Genomic Surveillance of Diarrheal Diseases in Pakistan: Challenges and Solutions for Public Health	Dr. Massab Umair	NIH
2:32 - 2:47 PM	Environmental and Clinical Genomic Surveillance of Vibrio cholerae in Pakistan	Dr. Afreenish Amir	NIH
2:48 - 3:03 PM	From Data to Defense: Pakistan's Genomic Surveillance Revolution for Health Security	Dr. Aminah Khan/ Dr. Sobhan Qadir	Jhpiego
3:04 - 3:16 PM	Molecular Epidemiology and Disease Burden of Group A Rotavirus in Pakistan: A Comparative Analysis of the Pre- and Post-Vaccination Era	Muhammad Usman	NIH
3:17 - 3:29 PM	Ecological Drivers of Antimicrobial Resistance in Waterborne Bacterial Infections	Dr Sundus Javed	COMSATS
3:30 - 3:42 PM	Presence of Type III Secretion System Confer Enhanced Virulence in Clinical Non-O1/O139 Vibrio	Mohammad Ali	COMSATS
3:43 - 3:55 PM	Transforming a COVID-19 - Focused Laboratory to Conduct Typhoid Surveillance through Partnerships in Resource-Constrained Settings	Dr. Yasar Yousafzai	KMU
3:55 - 4:05 PM Q&A			
4:05 - 4:30 PM Panel Discussion		Panelist: M. Salman, Aamer Ikram, Yasar Yousafzai, Aminah Khan	
4:30 - 4:50 PM Tea Break			
5:00 pm Closing Day-1			

DAY-2			
Public Health Nutrition & Food Safety			
Time	Talk	Speaker	Affiliation
9:00 - 9:15 AM	Introduction to Public Health Nutrition and Food Safety	Dr. Tanveer Ibrahim	NIH
9:16 - 9:31 AM	WASH: Its Importance and Public Health Implications	Dr. Osama Ali Mehar	WHO
9:32 - 9:47 AM	Food Safety; Everyones Responsibility	Dr Tahira Siddique,	Food Authority
9:48 - 10:03 AM	Lifestyle Medicine: The Solution to Public Health Nutrition	Dr Abdul Momin Rizwan	NUST
10:04 - 10:16 AM	Linkage to Care and Health Education for Promoting Water, Sanitation, and Hygiene (WASH) and Primary Healthcare Services in Underserved Communities of Islamabad, Pakistan	Dr. Hassan Mahmood	Integral Global
10:17 - 10:29 AM	Title: Virulence and Antimicrobial Resistance Profiling of Foodborne <i>Enterobacter spp.</i> : Emerging Food Safety and Public Health Concern	Rafia Zaheer	Department of Microbiology, Quaid i Azam University, Islamabad, Pakistan
10:30 - 10:42 AM	AI-Powered Foodborne Outbreak Risk Assessment Framework: An Examination of Prominent Foodborne Pathogens	Iqan Junaid	NIH
10:43 - 10:55 AM	Nutritional Quality and Health Risks Associated with the Supply of Raw or Unpasteurized Milk in Pakistan	Dr. Umar Saeed	Foundation University Islamabad (FUI), Islamabad PAKISTAN
10:55 - 11:05 AM	Q&A		
11:05 - 11:30 AM	Tea Break		
11:30 - 12:00 PM	Panel Discussion	Panelist: Osama Ali Mehar, Tahira Siddique, Abdul Momin	
Vaccine and Drug Research			
Time	Talk	Speaker	Affiliation
12:00 - 12:15 PM	Preventing Diarrhoeal Disease: The Role of Vaccines	Dr. Amjad Mehboob	Gajju Khan Medical College
12:16 - 12:31 PM	Rotavirus Vaccine Introduction in Pakistan	Dr. Sarbuland Khan	EPI
12:32 - 12:47 PM	Burden of Shigella-Attributed Diarrhea and Antimicrobial Resistance in Pakistan: Evidence to Inform Vaccine Introduction	Dr. Mohammad Tahir Yousafzai	AKU
12:48 - 1:00 PM	Chimeric mRNA Vaccine for Rotavirus & Norovirus using Immunoinformatics	Dr. Zaira Rehman	Indus Hospital
1:01 - 1:13 PM	Rational Computational Design and Development of an Immunogenic Multiepitope Vaccine Incorporating Transmembrane Proteins of Staphylococcus Lugdunesis	Aswad Khan	IIUI
1:14 - 1:26 PM	Community-Based Management of Childhood Diarrhea Using Zinc and ORS through Trained Community Health Workers in Pakistan	Sana Rafiq	Greenstar Social Marketing
1:27 - 1:39 PM	Zinc Supplementation for Acute and Persistent Watery Diarrhoea In Children: A Systematic Review and Meta-Analysis	Syeda Kanza Naqvi	AKU
1:40 - 1:52 PM	Evaluation of Oral Cholera Vaccination Campaign in District Charsadda, Khyber Pakhtukhwa, October 17 th to October 21st 2022	Dr. Imtiaz Ali	Coordinator EPI, District Mardan
1:52 - 2:00 PM	Q&A		
2:00 - 2:30 PM	Lunch/Prayer Break		
Advocacy, Policy, and Community Engagement			
Time	Talk	Speaker	Affiliation
2:30 - 2:45 PM	Changemakers on the Ground: Bottom-up approach to Policy and Advocacy	Dr. Jai Das	AKU
2:46 - 3:01 PM	Crisis Response to Sustainable Health Systems: Strengthening Governance, Leadership, and Accountability Against Diarrheal Diseases	Dr. Muhammad Sartaj	UKHSA
3:02 - 3:17 PM	Evidence in Action: Transforming Research into Health Policy	Dr. Babar Tasneem Shaikh	HSA
3:18 - 3:33 PM	Medical Education, Health Workforce, and Legislation	Dr. Imdad Ali	PM&DC
3:34-4:05 PM	Panel Discussion	Panelist: Jai Das, M. Sartaj, Babar Tasneem, Imdad Ali	
4:05-4:45 PM	Closing Session		
4:45-5:00 PM	Tea Break		