

## SCIENTIFIC PROGRAM (ICHR-23)

14 <sup>th</sup> -19 <sup>th</sup> June		PRE-CONFERENCE WORKSHOPS						
20 <sup>th</sup> June 2023 <i>Tuesday (Day-1)</i>	08:00-9:00	09:00 – 10:00	10:00-10:30	10:30-11:00	11:00 – 12:40	12:40 – 02:00	2:00- 4:30	
	Reception and Conference Registration (HR main Lobby-RMI)	Science Café and networking (Student affairs RMC Lobby)	Opening ceremony (Hall A & B)	Keynote LECTURE (Hall A & B)	Panel discussion (Hall A & B)	( Guided tour for RMI will be available)	Oral presentations (RMI Auditorium Hall-A)  Poster presentation (postgraduate) HR Main Lobby-RMI	
21 <sup>st</sup> June 2023 <i>Wednesday (Day-2)</i>	9:00 – 10:40			10:30 – 11:00	11:00 – 12:40		2:00-4:30	7:30 – 9:00 GALA DINNER
	Plenary session I (RMC Auditorium Hall-B)			Tea Break & Networking	Plenary session III (RMC Auditorium Hall-B)		Poster presentation (undergraduate) RCAHS 5 <sup>th</sup> Floor RMI	
	Plenary session II (RMI Auditorium Hall-A)				Plenary session IV (RMI Auditorium Hall-A)		Quiz competition (RMC Auditorium Hall-B)	
							Plenary session V (RCAHS Seminar Room 5 <sup>th</sup> Floor Admin Block)	
						CHR Certificate Ceremony (RMI Auditorium Hall-A)		
22 <sup>nd</sup> June 2023 <i>Thursday (Day-3)</i>	Scientific Session-1 (RMI Auditorium Hall-A)			Security Cushion	CLOSING CEREMONY  KGMC Auditorium	Refreshment		
	Scientific Session-2 (RMC Auditorium Hall-B)							

# SCIENTIFIC PROGRAM (ICHR-23)

**DAY-1 (June 20, 2023)**

**08:00-09:00 Reception and registration**

**09:00-10:00 Science Café and Networking**

**OPENING CEREMONY (10:00-10:30AM) by Chief Guest: Dr. Riaz Anwar (Minister Health KPK)**

KEYNOTE LECTURE 10:30-11:00 AM

Prof. Dr. Shahid Pervez (AKU)

Emerging research landscape: A global trend

**PANEL DISCUSSION** (11:00 AM – 12:30 PM)

<b><i>Chair: Dr. Shahzada Bakhtyar Zahid</i></b>	<b><i>Moderator: Dr Zilli Huma</i></b>	<b><i>Reporter: Dr. Hafsa</i></b>
Prof. Tariq Mufti	Advisor Academic, Rehman Medical Institute	
Prof. Dr. Jehan Bakht	VC Agriculture University	
Prof. Muhammad Umer	VC Rawalpindi Medical University	
Prof. Shahid Pervez	Aga Khan University	
Prof. Ijaz Hassan	VC Gandhara University	
Prof. Iftikhar Qayum	Rehman Medical Institute	
Mr. Shaukat Ali Jawaaid	Chief in Editor PJMS	
Prof. Dr. Fazal Subhan	Dean Life Sciences, CECOS University	
Prof. Ghulam Rasool	Rehman College of Dentistry	
Dr. Naseer Ahmed	Rehman College of Dentistry	

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## DAY-1 (June 20, 2023)

14:00-17:00	14:00-17:00
<b>ORAL PRESENTATION</b> RMI AUDITORIUM HALL-A	<b>POSTER PRESENTATION</b> HR Main Lobby RMI

# SCIENTIFIC PROGRAM (ICHR-23)

## DAY-2 (June 21, 2023)

### PLENARY SESSION 1:

### *Research Ecosystem in Healthcare Sector*

**Chair: Prof. Dr. Irfan Shah**

**Co-chair: Prof. Tariq Mufti**

**Moderator: Dr Najma Baseer**

Time	Topic	Speaker	
9:00-9:20 AM	<b>National and International Research Funding opportunities</b>	Prof. Mulazim Hussain Bukhari	AJK Medical College, Muzaffarabad
9:20-9:40 AM	<b>Navigating clinical research trends and regulatory bodies in Pakistan: Ensuring data integrity and promoting patient safety</b>	Dr Saboora Waris	Maroof International hospital, Islamabad
9:40-10:00 AM	<b>Ethical considerations in clinical research</b>	Dr. Irfan Shah	HITEC-IMS Taxila
10:00-10:20 AM	<b>Health Research Ecosystem for private healthcare organization</b>	Prof. Tariq Mufti	Rehman Medical Institute
10:20-10:40 AM	<b>Surgical Oncology: A Perspective of Research in LMIC</b>	Prof Dr Ather Enam	Aga Khan University

# SCIENTIFIC PROGRAM (ICHR-23)

## DAY-2 (June 21, 2023)

### PLENARY SESSION 2:

## Transforming Healthcare through Artificial Intelligence

**Chair:** Dr Zilli Huma

**Co-Chair:** Dr. Naseer Ahmed

**Moderator:** Dr. Mohsin Bilal

Time	Topic	Speaker	
9:00-9:20 AM	Artificial intelligence and machine learning approach in drug discovery and precision medicine	Dr Saad Salman	CECOS University
9:20-9:40 AM	Benefits and pitfalls of artificial intelligence in health care	Prof. Sarwat Hussain <b>(ZOOM)</b>	Uni of Massachusetts, USA
9:40-10:00 AM	ChatGPT and Health research	Dr. Hashim Talib	University of Baghdad, Iraq
10:00-10:20 AM	From Data to Decisions: Leveraging Artificial Intelligence for Improved Healthcare Outcomes	Dr Mohsin Bilal	FAST Islamabad
10:20-10:40 AM	Latest trends in research for the I-GEN	Dr Zilli Huma	Khyber Medical University

# SCIENTIFIC PROGRAM (ICHR-23)

**DAY-2 (June 21, 2023)**

## **PLENARY SESSION 3:**

### **Interdisciplinary Research Translated to real life implication**

**Chair:** Dr Shahid Pervez

**Co-Chair:** Prof. Dr. Mukhtar Zaman

**Moderator:** Dr Muhammad Zuhair Yusuf

Time	Topic	Speaker	
11:00-11:20 AM	Revelations of National Cancer Registry (NCR) of Pakistan: 75-years in the making	Dr Shahid Pervez	Aga Khan University
11:20-11:40 AM	Interprofessional research for healthcare	Prof. Dr Iftikhar Qayum	Rehman Medical College
11:40-12:00 PM	Public health research translated for clinical use in Pakistan	Dr Rizwan Qaisar	University of Sharjah, UAE
12:00-12:20 PM	Personalized Medicine – A transdisciplinary Approach to Future Patient Management	Dr Asif Ali	Khyber Medical University
12:20-12:40 PM	Curating your approach for multidisciplinary scientific research	Dr Muhammad Zuhair Yusuf	Aga Khan University

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## DAY-2 (June 21, 2023)

### PLENARY SESSION 4:

### *Building Research Capacity in Health Sciences*

**Chair:** Prof. Asad Ali

**Co-Chair:** Prof. Iqbal Dogar

**Moderator:** Dr Najeeb Khan

Time	Topic	Speaker	
11:00-11:20 AM	Research potential in Health Sciences: Clinical perspective from an established private medical university	Dr. Asad Ali	Aga Khan University
11:20-11:40 AM	Unlocking capacity strengthening through collaborations: The Khyber Medical University Experience	Dr Zohaib	Khyber Medical University
11:40-12:00 PM	Role of Pharma industry in building research capacity in Health Sciences	Dr. Masood Jawaid	Industry (PharmEvo & PJMS)
12:00-12:20 PM	Impact of the research and development programs in the Donation & Transplantation ecosystem	Prof. Dr. Marti Manyalich (ZOOM)	University of Barcelona, Spain
12:20-12:40 PM	Genetics, cracking the code of early detection and personalized medicine	Dr Najeeb Khan	University of Agriculture

# SCIENTIFIC PROGRAM (ICHR-23)

**DAY-2 (June 21, 2023)**

## **PLENARY SESSION 5:**

### **RESEARCH PERSPECTIVE IN MENTAL HEALTH**

#### **Expert Panel:**

Dr. Zohaib Khan	Dr. Mian Mukhtar	Dr. M Irfan	Dr. M. Jaffar Khan
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**Moderator:** Dr. Saima Aleem

	Time	Title of talk	Speaker
1	2:00pm - 2:20 pm	<b>Taking CONTROL:</b> Cognitive therapy for depression in tuberculosis treatment	<b>Dr. Firaz Khan</b> Assistant Professor Psychiatry Trial Coordinator, CONTROL
2	2:20pm - 2:40 pm	<b>The IMPACT of NCDs:</b> Improving Mental and Physical Multimorbidity & Developing research capacity in South Asia	<b>Dr. Khalid Rehman</b> , Director IPHSS Center for IMPACT Co-lead <b>Dr. Nadia Khaleeq</b> , Lecturer, IPHSS
3	2:40pm - 3:00 pm	<b>DiaDem:</b> Developing and evaluating an adapted behavioral activation intervention for people with depression and diabetes	<b>Dr. Faiza Aslam</b> , Int. Project Manager DiaDEM Pakistan and Bangladesh
4	3:00pm - 3:20 pm	<b>EMPATHI</b> through telehealth intervention: emergency-associated mental health issues of Pakistani front-line health workers and their management	<b>Dr. Khalid Rehman</b> , Director IPHSS EMPATHI Co-lead <b>Dr. Asif Rehman</b> , EMPATHI project
5	3:20pm - 3:40 pm	<b>MENTRA:</b> Mental health and transgenders; an exploration of discrimination, internalized phobia and resilience	<b>Dr. Saima Aleem</b> , Project MENTRA Co lead
6	3:40pm - 4:00 pm	<b>THE HOPE:</b> Traditional healers working with primary care and mental health for early intervention in psychosis in adolescence; intervention development and feasibility study	<b>Dr. Abdul Jalil Khan</b> , Associate Professor Family Medicine, KMU The Hope Co-lead
<b>Question Answer Session &amp; Group Picture</b>			



# SCIENTIFIC PROGRAM (ICHR-23)

**DAY-2 (June 21, 2023)**

14:00-17:00	14:00-17:00
Quiz Competition RMI AUDITORIUM HALL-A	POSTER PRESENTATION HR Main Lobby/RCAHS 5 <sup>th</sup> Floor Admin Block

## Gala Dinner

7:30pm-9:00pm

# SCIENTIFIC PROGRAM (ICHR-23)

## DAY-3 (June 22, 2023)

### Scientific Session 1

**Chair:** Prof. Dr. Muhammad Bin Afsar

**Co-Chair:** Dr. Muhammad Shahbaz Zaki

**Moderator:** Dr. Gulmeena Masood

	Topics	Speakers
9:00-9:10 AM	Writing Own Textbooks: The Next Challenge for Academia in Pakistan	Prof. Dr. Iqbal Hussain Dogar
9:10-9:20 AM	An outbreak investigation of Dengue fever in District Nowshera, Khyber Pakhtunkhwa, Retrieving data. Wait a few seconds and try to cut or copy again.	Dr Muhammad Shafique
9:20-9:30 AM	Changing Nature of Food Habits and Consumption Pattern Among Affected Population: Evidence from Dasu Hydropower Project1	Bakht Muhammad Khan
9:30-9:40 AM	Vaccino-vigilance And Its Core Indicators to Assess Adverse Effects Following Immunization During Corona Virus Disease 2019 Pandemic	Sana Haider
9:40-9:50 AM	Effect of Hydroxyurea Therapy on Renal and Liver Function Tests and Modulation of Red Cell Concentrate Requirement in Transfusion Dependent Beta-Thalassemia Patients	Munir Hussain
9:50-10:00 AM	Current challenges and potential solutions to the use of digital health technologies in evidence generation: A narrative review	Dr Hassan Mumtaz
10:00-10:10 AM	Genomics and Personalized Medicine	Dr. Arooba Khan
10:10-10:20 AM	Clinical research and clinical practice	Dr. Mumtaz Qasim
10:20-10:30AM	Innovations in operative dentistry	Dr. Arshad Zaman

# SCIENTIFIC PROGRAM (ICHR-23)

## Scientific Session-2

**Chair:** Dr. Humaira Achakzai

**Moderator:** Dr. Saara Mudassir

	Topics	Speakers
9:00-9:10 AM	Management of Retained Bomb Blast Pallets in Urological Practice	Dr. Abdul Haseeb
9:10-9:20 AM	Comparison Of Intraligamental Anesthesia with Inferior Alveolar Nerve Block For Root Canal Treatment In Patients With Symptomatic Irreversible Pulpitis: A Randomized Control Trial	Dr. Sarmad Syed
9:20-9:30 AM	Exploiting Potential Areas of Artificial Intelligence in Clinical Trials in Pakistan- A Comprehensive Insight	Dr. Uzma Hafeez
9:30-9:40 AM	The Global Genetic Landscape and Ethnic Heterogeneity of COVID-19 Severity Related Variants: A Comprehensive Genome Wide Association Study	Dr. Rabea Basri
9:40-9:50 AM	Socio-Economic Assessment of Upper and Lower-Limb Prosthetic Users In Pakistan	Dr. Muhammad Shahzad
9:50-10:00 AM	'Dentists' beliefs, knowledge, individual implementation and organizational	Dr. Zerlis Nawaz
10:00-10:10 AM	Barriers and Enablers to Joining the National Organ Donation Registry Among Patient Population at a Tertiary Care Hospital of Peshawar, Pakistan	Dr. Memoona Zahoor
10:10-10:20 AM	Compassion Fatigue, Job Satisfaction, Mental Toughness, and Job Performance among Frontline Healthcare Workers	Dr. Faryal Fazali
10:20-10:30AM	Role of nitric oxide in cardioprotection	Dr. Fariha Gul

# SCIENTIFIC PROGRAM (ICHR-23)

**DAY-3 (June 22, 2023)**

Move to **closing** ceremony Hall  
**KGMC Auditorium**  
*(A healthy walk to the venue.  
Alternatively, Buses will be  
available at RMI gates)*



***Program will be started 11:00AM followed by Lunch at 12:30PM***