

ANNUAL
RESEARCH
WEEK 2025

*Children First: Catalyzing
 Change in a World of Polycrisis*
 22-23 August, 2025



AGENDA

Conference Day

Saturday, August 23, 2025

Venue: Auditorium, Aga Khan University

Time	Programme	Presenter
8:30 - 09:00	Registration	
09:00– 09:05	Tilawat-e-Quran Pak	Student
09:05 – 09:15	Overview of Paediatric Research Portfolio	Dr. Imran Nisar Vice Chair and Associate Professor Department of Paediatrics and Child Health
Session: Nutrition & Early Childhood Development Co-Chairs: Dr. Shelina Bhamani, Aga Khan University Dr. Batool Fatima, Aga Khan University		
09:15 – 09:20	Introduction to session and session chairs	Moderator
09:20 – 09:40	Keynote: <i>“Context matters: using scalable tools to understand brain health and development in early life”</i>	Professor Kirsty Donald Deputy Director Neuroscience Institute, Early Childhood Development Researcher, Department of Paediatrics and Child Health
09:40 – 10:20 (10 mins each)	Oral presentations	
	<i>“Strengthening Nutrition Resilience in Early Childhood: A Community-Based Approach to Food Security in Low-Income Urban Households”</i>	Dr. Dua Khan Fellow Liaquat National Hospital

	<i>“Impact assessment of folic acid fortification in addressing folic acid deficiency in women of reproductive age (15–49 years) in Punjab, Pakistan”</i>	Dr. Junaid Iqbal Assistant Professor Aga Khan University
	<i>“Predictive Validity of Global Scales for Early Development GSED “D” Scores at ages 3.5 and 5 years using IDELA: A prospective study across Pakistan, Bangladesh and Tanzania”</i>	Dr. Ambreen Nizar Merchant Senior Instructor Aga Khan University
	<i>“Efficacy of Zinc Fortified and Fermented Wheat Flour (EZAFFAW): A randomized controlled trial”</i>	Ms. Rahima Yasin Research Coordinator Aga Khan University
10:20 – 10:30	Question and Answers session	
Tea Break and Poster Viewing Session		
Session: Technology and Digital Health Co-Chairs: Dr. Maryam Mustafa, Lahore University of Management Sciences Dr. Fahad Umer, Aga Khan University		
11:00 – 11:05	Introduction to session and session chairs	Moderator
11:05 – 11:25	Keynote: <i>“Designing for Care: AI-Driven Solutions for Maternal and Child Health”</i>	Dr. Maryam Mustafa Assistant Professor Lahore University of Management Sciences
11:25– 11:55 (10 min each)	Oral presentations	
	<i>“Comparative Analysis of Pre- and Post-Transplant Predictors of Mortality in Paediatric Allogeneic Hematopoietic Stem Cell Transplantation Using Machine Learning”</i>	Dr. Sabahat Hafeez Resident Aga Khan University
	<i>“Smart Care: Using AI to Uncover Early Deterioration – AI’s Role in Saving Lives Through Early Detection”</i>	Ms. Sunita Bahadur Ali Clinical Nurse Specialist Aga Khan University
	<i>“Comparison of Masimo Total Hemoglobin SpHb Non-Invasive Hemoglobin Monitoring Device with Complete Blood Count Measurement: An Observational Cohort Study in Pakistan, Kenya, and Zambia”</i>	Ms. Nida Salman Yazdani Research Specialist Aga Khan University
11:55 – 12:05	Question and Answers session	
Lunch Break and Poster Viewing Session		
13:00 – 13:10	TibUrduology - Tongue Twister in Medical Style	Moderator
Session: Clinical Research Co-Chairs: Dr. Nadeem Zuberi, Aga Khan University Dr. Saqib Hamid Qazi, Aga Khan University		
13:10 – 13:15	Introduction to session and session chairs	Moderator
13:15 – 13:35	Keynote: <i>“Advancing Child Health Through Contextual Clinical Research: Building Evidence, Capacity, and Equity in Pakistan”</i>	Prof Masood Sadiq - Recorded President Pakistan Pediatric Association
13:35 – 14:15	Oral presentations	
	<i>“Anemia in children with asthma: A predictor of disease control”</i>	Dr. Burhanuddin Shabbir Resident Aga Khan University

(10 min each)	<i>“Sepsis Epidemiology and Association Between Inadequate Oxygen Delivery Index and Mortality in Children with Sepsis in a Low-Middle Income Country”</i>	Ms. Haania Rizwan Research Fellow Aga Khan University
	<i>“Prescribing Patterns of Antibiotics in Pediatric Wards of Secondary Care Centers: A Retrospective Study Based on WHO AWaRe Classification”</i>	Dr. Afia Tariq Butt Senior Instructor Aga Khan University
	<i>“Multidrug-Resistant Organisms in Blood Cultures of Hospitalized Neonates with Possible Serious Bacterial Infection (PSBI)”</i>	Ms. Erum Salman Research Coordinator Aga Khan University
14:15 – 14:25	Question and Answers session	
Session: Immunization & Infectious Disease Co-Chairs: Dr. Muhammad Khalid Shafi, Dow Medical College DUHS Dr. Saqib Ali Shaikh, Director General Health, Sindh		
14:25 – 14:30	Introduction to session and session chairs	Moderator
14:30 – 14:50	Keynote: <i>“Immunizations and Antimicrobial Resistance”</i>	Prof Sajid Maqbool Professor Emeritus University of Child Health Sciences, The Children’s Hospital Lahore
14:50 – 15:20 (10 min each)	Oral presentations	
	<i>“A Multi-center, Open-labelled, Randomized Controlled Extended Phase III Clinical Trial to Evaluate the Immunogenicity and Tolerability of Poliomyelitis Vaccine (Vero cells), Inactivated, Sabin Strains administered with or without Routine Infant Vaccines”</i>	Ms. Syeda Mah-e-Jabeen Zehra Research Specialist Aga Khan University
	<i>“Enterics for Global Health (EFGH): Shigella Surveillance Study in Pakistan, 2022-2024”</i>	Mr. Naveed Ahmed Manager Aga Khan University
	<i>“Postmortem Surveillance of Stillbirths and Under-5 Child Deaths in Pakistan: Findings from the CHAMPS Network, 2023–2025”</i>	Ms. Tooba Zafar Research Coordinator Aga Khan University
15:20 - 15:30	Question and Answers session	
Tea Break and Poster Viewing Session		
Closing Ceremony		
16:00 – 16:20	Prize and certificate distribution	Dr. Fyezah Jehan Chair & Professor, Department of Paediatrics and Child Health
16:20 – 16:30	Vote of Thanks	Dr. Imran Nisar Chair – Paeds Annual Research Week