

**26th** National Health Sciences Research Symposium

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**PROGRAMME**

**INAUGURAL CEREMONY**

Friday, January 31, 2025

AKU Auditorium

**I**

*(Master of Ceremony:* ***Ms. Yasmeen Parpio****)*

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| 5:30 - 5:35 pm | Recitation of the Holy Qur’an |
| 5:35 - 5:40 pm | National Anthem |
| 5:40 - 5:55 pm | Overview of the symposium **Dr Natasha Ali**Chair, Organizing Committee26th National Health Sciences Research Symposium |
| 5:55 - 6:05 pm | President’s Remarks  |
| 6:05 - 6:15 pm | Welcome Remarks**Dr Adil Haider** Dean, Medical College, Aga Khan University**Dr. Laila Ladak**Interim Associate Dean for Research and Innovation |
| 6:15 - 6:30 pm | Remarks by the Chief Guest |
| 6:30 – 7:00 pm | Keynote Talk 1**Dr Tracie Risling**Associate Dean Innovation, Faculty of Nursing, University of Calgary |
| 7:00 – 7:30 pm | Keynote Talk 2**Dr Zara Cooper**Director, Centre for Surgery and Public HealthDirector, Centre for Geriatric SurgeryMichele and Howard J. Kessler Distinguished Chair in Surgery and Public HealthProfessor of Surgery, Harvard Medical School Trauma, Burn and Surgical Critical Care |
| 7:30 - 8:00 pm | Keynote Talk 3:**Dr Mayur Narayan**Professor of SurgeryChief, Division of Acute Care Surgery Trauma Medical Director, Project AiCCESS [Artificial Intelligence for Comprehensive, Care, Equity and Sustainability in Surgery], Rutgers Robert Wood Johnson Medical School |
| 8:00 - 8:10 pm | Vote of Thanks **Dr Sadia Fatima**26th National Health Sciences Research Symposium The Aga Khan University  |
| 8:10 pm | Dinner at Male Hostel Lawn |

**DAY-2**

Saturday, February 1, 2025

AKU Auditorium

*(Master of Ceremony: Dr Rozmeen Akbar)*

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| 8:30 - 9:00 am | Registration  |
| 9:00 - 9:05 am | Opening of the Conference |
| 9:05 - 9:25 am | Plenary Talk – I – **Dr Patricia Geli**Co-founder, managing director, and COO at C10 Labs |
| 9:25 – 9:45 am | Plenary Talk – II – **Dr Yasar Ayaz**Professor, NUST School of Mechanical and Manufacturing EngineeringHead, Department of Robotics & Machine Engineering |
| 9.45 - 10:30 am | Tea Break at pond side  |
| 10:30 - 11:30 am  | **THE GREAT DEBATE*****The AI Dilemma: Ethics vs. Innovation in Healthcare***Moderators: Dr Sadia Fatima and Dr Wafa Jamil  |
| 11:30 am -11:50 pm | Plenary Talk – III – **Shahid Azim** Co-founder and CEO, C-10 LabsCEO, Managing Partner, Co-founder Deep Tech Entrepreneur |
| 11:50 am -12:10 pm | Plenary Talk – IV – **Dr Adil Haider**Professor & Dean Medical College |
| 12:10 am -12:30 pm | Plenary – V – **Arhum Ishtiaq**Cofounder [at Connecthear](https://www.instagram.com/connecthear/)TRT World Citizen Award 2025 Pride of Pakistan 2024WSA Young Innovator 2020 |
| 12:30- 2:00 pm | Poster viewing, prayer break and lunch at male hostel lawn |
| 2:05 - 3:30 pm | **ORAL PRESENTATIONS’ SESSION**Chair: Dr Fatima MubarakCo-Chair: Dr Bilal QureshiJudges: Dr Fareena Bilwani, Dr Najia Ganchi1. Developing an AI-Based Application for Caries Index Detection on Intraoral Photographs

 **Ayesha Noor Uddin**1. Application Of Artificial Intelligence (AI) Models to Detect Gastro-Luminal Pathologies Associated with H. Pylori Using Upper GI Endoscopy

 **Om Parkash**1. Revolutionizing Local Anesthesia Training in Dentistry: A Comparative Study of AI-Driven Virtual Simulation Versus Medium Fidelity Simulation

 **Rabia Anis**1. AI-Assisted Precision Grading of Blastocysts for In Vitro Fertilization

 **Shahzaib Khan**1. Navigating Responsible AI: Pathways to Equitable and Just Health Systems in the Global South

 **Simran Siraj**1. Predicting the skeletal classification in orthodontic patients using sagittal parameters based on Artificial Intelligence

 **Zahra Masood**1. Establishing a Center for Artificial Intelligence in Health Sciences at ICCBS

 **Reaz UDDIN** |
| 3:30- 4:45 pm | **AI Snapshots** **Presenters:** 1.Dr Haroon Tayyab2. Ms. Ayesha Mansoor, Ms. Azra Naseem, Dr Sadia Fatima, Dr Shahid Shamim (group)3.Dr Zahra Hoodbhoy 4.Dr Fahad Umar  |
| 4:45 – 5.15 pm | **Awards & Closing Remarks** **by Ms. Khairunnisa Mansoor**Co-Chair, Organizing Committee26th National Health Sciences Research SymposiumSenior Instructor • School of Nursing & Midwifery |
| 5.15 pm | Hi-Tea |

- End of the Programme –