

# Special Symposium

## Enhancing Precision Medicine & Genomics in Low & Middle-Income Countries

### Aga Khan University

Friday, October 25, 2024 | AKU Auditorium

<b>Session 1 (Setting the Scene for Precision Medicine &amp; Child Health in Pakistan)</b>	
2:00 – 2:10 PM	<b>Welcome Remarks</b> Prof Tania Bubela (Provost)
2:05 – 2:15 PM	<b>Opening comments &amp; context</b> Prof Zulfiqar Bhutta
2:15 – 2:30 PM	<b>The “Rare Disease” Landscape in Pakistan</b> <i>Dr Ambrin Fatima</i>
2:30 – 2:50 PM	<b>Setting up a Rare Disease Center in an LMIC Experience from Pakistan</b> <i>Dr. Huma Cheema</i>
2:50 – 3:10 PM	<b>Need for Expanded Carrier Screening in Pakistan- Insights from AKUH experience</b> <i>Dr Bushra Afroze</i>
3:10 – 3:30 PM	<b>Unaffordable therapies for those who need it the most: fulfilling the precision medicine promise for LMICs</b> <i>Dr. Salman Kirmani</i>
3:30 – 3:50 PM	<b>Cancer Genomics in Pakistan: The Shaukat Khanum Memorial Cancer Center Experience</b> Dr Usman Rashid
3:50 – 4:10 PM	<b>Coffee/Tea Break</b> <span style="float: right;">Courtyard</span>
<b>Session 2 (How can we make a difference?)</b>	
<b>Special Guest Dr Sulaiman Shahabuddin (President AKU)</b>	
<i>Session Chair: Dr Shahnaz Ibrahim (Head of Pediatric Neurology, AKU)</i>	
4:10 – 4:30 PM	<b>Genomic Architecture of Autism Spectrum (ASD) in Pakistan: What do we know?</b> <i>Dr Ambrin Fatima</i>
4:30 – 5:00 PM	<b>Genetics of Autism Spectrum Disorder: How can under-represented populations contribute to research in ASD?</b> <i>Prof Steve Scherer</i>
5:00 – 5:30 PM	<b>The potential of population-based genome studies in LMICs</b> <i>Dr Naveed Aziz</i>
5:30 – 6:00 PM	<b>What can we learn from microbiome &amp; parasitome studies?</b> <i>Dr John Parkinson</i>
6:00 – 6:30 PM	<b>Questions and Panel Discussion</b>
6:30 PM	<b>Comments &amp; Concluding Remarks</b> <i>Dr Sulaiman Shahabuddin (President AKU)</i>
6:40 PM	<b>Vote of Thanks</b> <i>Dr Adil Haider (Dean AKU, Medical College)</i>