



Confederation of Indian Industry

GLOBAL GENOMICS SUMMIT 2025

'Decoding the Future with Genomics'

25 August 2025; Jacaranda Hall, India Habitat Centre, New Delhi

Programme Grid

25 August 2025; Monday	
Timings	Session name
0900 – 1000 Hrs	Registration/ Tea & Coffee
0945 – 1045 hrs	Inaugural Session
1045 – 1215 hrs	Panel Discussion 1: Genomics in Healthcare and Public Health: From Precision Care to Population Impact
1215 – 1315 hrs	Panel Discussion 2: Pharmacogenomics and Drug Development
1315 – 1415 hrs	Lunch
1415 – 1515 Hrs	Panel Discussion 3: Cancer Genomics, Rare Diseases, and Pediatric Genomics
1515 – 1615 Hrs	Panel Discussion 4: Building Genomics India Infrastructure – Bioinformatics, AI, Big Data, Biobanks, and Data Governance
1615 – 1715 Hrs	Panel Discussion 5: Agri-Genomics 2.0: From Lab to Farm to Plate
1715 Hrs	Close of the summit with networking tea



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INAUGURAL SESSION

Jacaranda Hall, India Habitat Centre

25 August 2025; 0945- 1045 Hours

The Inaugural edition of CII Genomics Summit will spotlight genomics as a cornerstone of India's innovation-led growth and leadership in sunrise sectors. From transforming healthcare and agriculture to advancing biotech, cancer research, rare disease solutions, and precision public health, genomics is reshaping science, policy, and industry. The summit will chart a national vision to harness genomics for economic growth, scientific leadership, and inclusive societal impact.

0945 – 0955 hrs	Welcome & Theme Address	Mr Kris Gopalakrishnan Past President, CII and Chairman, CII National Task Force on Genomics
0955 - 1005 hrs	Address	Dr Anand Deshpande Founder, Chairman, and Managing Director Persistent Systems
1005 - 1015 hrs	Address	Dr Shyam Aggarwal Chairperson- Medical Oncology Sir Ganga Ram Hospital
1015 -1025 hrs	Address	Dr Taslimarif Saiyed CEO and Director Centre for Cellular and Molecular Platforms (C-CAMP)
1025 - 1035 hrs	Address	Dr Jitendra Kumar Managing Director Biotechnology Industry Research Assistance Council (BIRAC)
1035- 1045 hrs	Address	Dr Suchita Ninawe Senior Adviser/ Scientist H Department of Biotechnology Ministry of Science and Technology Government of India
1045 hrs	Vote of Thanks	Dr Ashish Mohan Executive Director Confederation of Indian Industry (CII)



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25 August 2025 1045 - 1215 hrs IST	Panel Discussion 1: Genomics in Healthcare and Public Health
<p>This session will examine how genomics is transforming healthcare and public health in India—from predictive diagnostics and personalized medicine to disease surveillance and pandemic preparedness. It will showcase successful use cases and outline a roadmap for nationwide adoption, including integration with health systems</p> <p>Key Takeaways:</p> <ol style="list-style-type: none">1. Genomics for pathogen surveillance, and pandemic readiness.2. Precision healthcare, population risk and preventive medicine.3. Integrating genomics into public health systems via health stack and national health missions.	
Moderator	Mr Praveen Gupta Managing Director Premas Life Sciences
Panelists	<p>Dr K Thangaraj CSIR Bhatnagar Fellow CSIR-Centre for Cellular and Molecular Biology,</p> <p>Dr Amita Yadav Director- South Asia and Latin America ThermoFisher Scientific Inc.</p> <p>Mr Neeraj Gupta Founder & CEO Genes2Me Pvt. Ltd</p> <p>Dr Chitra Pattabiraman Senior Program Officer Gates Foundation</p> <p>Dr Rahul Bhargava Principal Director & Chief- Haematology, Haemato-Oncology & Bone Marrow Transplant, Fortis Memorial Research Institute</p> <p>Dr Anurag Agrawal Dean, Biosciences and Health Research Ashoka University</p> <p>Dr Siddaramaiah Manjunath Diagnostic and genomics FAS specialist Cytiva</p>



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25 August 2025 1215- 1315 hrs IST	Panel Discussion 2: Pharmacogenomics and Drug Development
<p>This session will examine how pharmacogenomics is transforming drug discovery, development, and personalized care. Discussions will cover genetic factors influencing drug response, use of genomic data in clinical trials, and implications for regulatory approvals and market access. The panel will also explore how India can lead in genomics-driven pharmaceutical innovation.</p> <p>Key Takeaways:</p> <ol style="list-style-type: none">1. Personalizing medicine through prediction of drug efficacy and ADRs2. Integrating genomics into drug development to boost R&D efficiency.3. Regulatory, ethical, and market aspects of pharmacogenomics.	
Moderator	Dr Dhanasekaran Shanmugam Chief Scientist CSIR-National Chemical Laboratory
Panelists	Dr Vinod Scaria Chief Data Officer, Karkinos Healthcare Adjunct professor, IIT Kanpur Mr Amol Naikawadi Joint Managing Director Genomics & Preventive Health Leader Indus Health Plus Prof G Karthikeyan Executive Director, BRIC- THSTI & Clinical Cardiologist All India Institute of Medical Sciences (AIIMS) Dr Ruchi Singh Scientist-'G' and Head- Discovery Research Division Indian Council of Medical Research (ICMR) Mr Deepak Narang Chief Transformation Officer Agilus Diagnostics
1315- 1415 hrs	Lunch



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25 August 2025 1415- 1515 hrs IST	Panel Discussion 3: Cancer Genomics, Rare Diseases, and Paediatric Genomics
<p>This session will explore how genomics is advancing the diagnosis and treatment of cancer, rare genetic disorders, and paediatric conditions—from precision oncology to newborn screening and early interventions. Experts will discuss clinical applications, research breakthroughs, and strategies to ensure access, especially for underserved children.</p> <p>Key Takeaways:</p> <ol style="list-style-type: none">1. Genomic profiling for cancer care and early detection of rare/ pediatric diseases.2. Newborn genomic screening and early interventions3. Policy and infrastructure to embed genomics in routine care	
Moderator	Dr Seema Thakur Head & Director- Clinical Genetics and Fetal Medicine Fortis Hospital
Panelists	Dr Vamsi Veeramachaneni Chief Scientific Officer Strand Life Sciences Dr Jagjit Singh Anthak Director- Speciality Diagnostics & Genetic Sciences Group ThermoFisher Scientific Dr Ashutosh Upadhyay Country Head-India Twist Bioscience Dr Amol Zimur Head- Medical Affairs Illumina AMEA Dr Srikanth Manda Associate Vice President Nucleome Informatics Private Limited Dr Anu Raghunathan Scientist- Biochemical Engineering and Molecular Biology National Chemical Laboratory



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25 August 2025 1515 - 1615 hrs	Panel Discussion 4: Building Genomics India Infrastructure – Bioinformatics, AI, Big Data, Biobanks, and Data Governance
<p>This session will examine the critical building blocks to strengthen India's genomics infrastructure spanning bioinformatics platforms, AI-driven analytics, big data integration, biobanks, and robust data frameworks. Discussions will highlight how these elements can collectively accelerate precision medicine and enable large-scale population genomics.</p> <p>Key Takeaways:</p> <ul style="list-style-type: none">• Build core infrastructure in bioinformatics, AI, big data, and biobanks to enable large-scale genomics.• Ensure robust data governance with frameworks for privacy, security, and ethical use.• Foster collaboration between academia, industry, and government to accelerate India's genomics roadmap.	
Moderator	Dr Vamsi Veeramachaneni Chief Scientific Officer Strand Life Sciences
Panelists	Dr Suchita Dayanand Country Head Illumina India Dr Hitesh Goswami Cofounder and CEO 4 Basecare Dr Manoj Gopalkrishnan CEO Algorithmic Biologics Dr Bipin Pradeep Kumar Co-founder IOM Bioworks Dr Ravi Gupta Vice President- Bioinformatics MedGenome Labs Ltd. Dr Krishnadev Oruganty Director- Innovations & Data Science Bencos Research Solutions Pvt. Ltd.



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25 August 2025 1615 - 1715 hrs IST	Panel Discussion 5: Agri-Genomics 2.0: From Lab to Farm to Plate
<p>This session will explore agri-genomics as a catalyst for sustainable farming and nutrition security, highlighting CRISPR crop improvement, genomic biofortification, and climate-resilient agriculture. Discussions will focus on bridging lab-to-field adoption, enabling policies, and building consumer trust.</p> <p>Key Takeaways:</p> <ol style="list-style-type: none">1. Genomic tools to boost crop yield, resilience, and nutrition.2. Policy and regulatory pathways for gene-edited and biofortified crops.3. Strategies to speed adoption, market readiness, and public acceptance.	
Moderator	Dr Jagjit Singh Anthak Director- Speciality Diagnostics & Genetic Sciences Group ThermoFisher Scientific
Panelists	Dr Rakesh Mishra Director Tata Institute for Genetics and Society (TIGS) Dr Ramachandran Baskaran Chief Scientific Officer Nucleome Informatics Private Limited Dr Karunakaran Maruthachalam Regional Lead, Global Genotyping Genome Center of Excellence Corteva Agriscience Dr Veeresh Gowda R P Head of Asia Rice Breeding Bayer