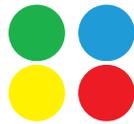


THE GENOMICS DIGEST



FEB
2026
EDITION

VOLUME 3
ISSUE 2



EDITOR'S NOTE

Welcome to the February 2026 Edition of The Genomic Digest!

February was an engaging month at Genotypic Technology, marked by a range of activities across training, scientific exchange, and community interaction. Through trainings and participation in scientific conferences, we continued our efforts to support researchers with practical exposure to genomics technologies and workflows.

The month also featured invited talks, and webinars providing opportunities to connect with researchers, students, and professionals across diverse areas of life sciences. Industrial visits and institutional interactions further strengthened our engagement with the broader scientific community.

We bring you highlights from February 2026, capturing the events and interactions that reflect our continued commitment to enabling genomics research through knowledge sharing and collaboration.

Happy Reading!

THE GENOMICS DIGEST

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A Session on Long-Read Sequencing at **ICAR-NBAGR**

On 9th February 2026, Genotypic Technology was invited to deliver a talk at ICAR – National Bureau of Animal Genetic Resources, Karnal, Haryana, on the topic “Oxford Nanopore Technologies (ONT): Past, Present, and Future.”

The session presented an overview of the evolution of Oxford Nanopore sequencing, highlighting key technological developments and their growing impact across diverse genomics applications. Discussions focused on how long-read sequencing is supporting research in animal genetics while enabling more comprehensive analysis of complex genomes.

The interaction provided an opportunity to engage with researchers working in animal genomics and to exchange perspectives on emerging sequencing approaches and their future role in genomics-driven research. We thank ICAR-NBAGR for the opportunity to contribute to discussions supporting the advancement of genomics research in India.



An Invited Talk at TIFR, Hyderabad

On 11th February 2026, Dr Sudha N Rao, Co-Founder & Executive Director of Genotypic Technology, delivered an invited talk at the Tata Institute of Fundamental Research, Hyderabad, titled “Lab Coats, Life Choices, and Everything In Between.”

The session focused on the professional and personal decisions that shape long-term careers in the life sciences, highlighting experiences around career transitions, leadership development, and the evolving roles of scientists in academic and industry environments. The discussion also addressed structural challenges faced by women in STEM and the importance of building supportive and sustainable scientific ecosystems.

The interaction encouraged a thoughtful exchange of perspectives on navigating scientific careers and emphasized the importance of informed decision-making in building meaningful and lasting contributions to the life sciences.



Precision Genomics at BioAsia 2026

From February 17–18, Genotypic Technology participated in BioAsia 2026 at the HITEX Exhibition Centre, Hyderabad, where two focused days were dedicated to meaningful scientific exchange and collaborative discussions.

Across both days, conversations at Booth 28 centered on precision genomics, integrated multi-omics capabilities, and practical, data-driven approaches to real-world research challenges. The interactions reflected a strong interest in scalable genomics workflows and collaborative models that support advancing research in India. From precision genomics to integrated multi-omics solutions, Booth 28 highlighted the data-driven approach that defines Genotypic Technology. What stood out most was the shared intent to build practical and collaborative solutions that strengthen India's scientific ecosystem.

We are grateful for every discussion, every question, and every new connection made during the event. Engagements such as these continue to reinforce the importance of sustained scientific dialogue and partnerships.



AI-Driven NGS Analysis Webinar

On February 20, Genotypic Technology organised an exclusive webinar on Commander: AI-Driven Next-Generation Sequencing Analysis Software for Short- and Long-Read Sequencing Platforms, delivered by Dr Raja Mugasimangalam, CEO & Founder, Genotypic Technology.

The session introduced a new paradigm in NGS data analysis, where AI-powered agents streamline traditionally manual bioinformatics workflows. The webinar demonstrated how automated pipelines can generate actionable insights, structured reports, and publication-ready outputs with minimal manual intervention.

Participants gained insights into how modern genomics workflows can be simplified through integrated analysis approaches. The webinar provided researchers with a practical understanding of how automated analysis platforms can reduce time spent on routine data processing and allow greater focus on scientific discovery.



Industrial Visit at Genotypic Technology

On February 21, Genotypic Technology hosted an industrial visit for biotechnology students from Adhiyamaan College of Engineering, providing an opportunity to experience real-world genomics workflows and laboratory practices.

III Year B.Tech Biotechnology students visited the facility to gain practical exposure to sequencing technologies, genomics workflows, and applied research environments. The visit offered a structured introduction to how genomics data is generated, processed, and analysed in a professional laboratory setting.

Through interactions with scientists and guided laboratory exposure, students developed a clearer understanding of how theoretical concepts translate into practical genomics applications. The visit aimed to bridge the gap between academic learning and industry practice, helping students better understand the skills and workflows required in modern genomics laboratories.



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