

The new tie-up with RGC will sequence the exomes of people from the Indian subcontinent in order to gain insights into allelic (alternative forms of genes) architecture and specified diseases.

Genomic sequencing data generated by the RGC will be paired with de-identified medical records from consenting patients to examine links between human genetic variations and disease in these populations.

medicines developed with human genetic evidence have had substantially higher success rates and patient care has benefited.

Exome sequencing records every letter in the DNA of the exome, the 1-2 per cent (30 to 40 million basepair letters) of the genome that encodes all known proteins and that is believed to have the most direct relevance for therapeutic development and understanding of inherited disease.

GGC was set up with a vision to democratize healthcare through genomics. It is focused on building a longitudinal, genomics data foundation and insights for under-explored patient populations in Asia, Middle East, Latin America and Africa.