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Gene Solutions, Element Biosciences partner to advance NGS technology globally

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To enhance genomics research, clinical research applications, and market accessibility



Singapore-based startup Gene Solutions, specialising in advanced genetic testing, and Element Biosciences, a company democratising access to advanced life science solutions, have entered into a strategic collaboration. The collaboration was formalised with the signing of a Memorandum of Understanding (MoU) during Element Biosciences' visit to Gene Solutions' laboratory.

This collaboration aims to create significant synergies by combining Element Biosciences' groundbreaking sequencing platforms with Gene Solutions' innovative technologies in genetic solutions.

Element Biosciences has rapidly emerged as a leading innovator in the next generation sequencing (NGS) field, delivering novel solutions that provide exceptional performance and flexibility for researchers.

Gene Solutions, with its comprehensive portfolio of genetic tests, leveraging NGS and artificial intelligence, has reached over 4,500 hospitals and clinics in eight Asian countries and is actively expanding its global footprint.

The company uniquely integrates recessive diseases and dominant single-gene disorders screening in a single workflow with non-invasive prenatal testing (NIPT), leveraging its AI platform and optimized lab protocols. Currently, Gene Solutions is researching the incorporation of pregnancy complications prediction into the NIPT test.

The MoU sets a framework for discussions on strategic partnerships, marketing efforts, customer-centric and technical support, and research and development opportunities. This collaboration promises to leverage the expertise of both parties to enhance genomics research, clinical research applications, and market accessibility for both companies' global strategies.