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ShanghaiBio, Ingenuity to address challenges of China's genomics data

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ShanghaiBio to address challenges of China's Genomics Data

Singapore: ShanghaiBio and information solution provider, Ingenuity Systems, signed a collaboration agreement enabling ShanghaiBio to extend its current lab service offering to include Ingenuity's solutions for downstream analysis and interpretation of genomics data.

ShanghaiBio will complement their sequencing, genotyping and gene expression lab services by creating a bundled solution with Ingenuity's applications, which combine analytics and biomedical content to help get actionable insights from experiments. By offering Ingenuity products, ShanghaiBio will support the complete workflow from study design to bioinformatic analysis, providing its customers with high-quality data and easily interpretable results.

Mr Jason Jin, CEO, ShanghaiBio, said that, "China is rapidly expanding its investment in the innovative life sciences, drug R&D, and molecular diagnostics sectors. Many organizations including pharmaceutical companies, biotech firms and universities have growing programs for translational medicine research and are faced with analyzing and understanding complex data. With Ingenuity's solutions, we are helping our customers to rapidly obtain a detailed assessment of their data so they can move to the next phase of their research."

High throughput experiments generate a significant amount of data, and obtaining insights from that data can be a time-consuming, laborious process. Ingenuity's suite of products, based on the Ingenuity Knowledge Base repository of biological

interactions and functional annotations created from the peer-reviewed literature, help researchers interpret the biological meaning of their data.

Dr Hong Wang, a ShanghaiBio collaborator and an assistant professor at Rutgers University, explained, "The Ingenuity iReport analysis tool is essential in helping us understand the biological implications for our gene expression research projects. It is easy-to-use, and we can get the results within a few hours after we submit raw data."