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KYAN Therapeutics, Curie Oncology offer personalised cancer test in Singapore

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KYAN Therapeutics uses small data AI in a proprietary phenotypic drug sensitivity assay to guide patient treatment for cancer patients with high and unmet needs



KYAN Therapeutics (a Delaware Corporation headquartered in Singapore) teams up with Curie Oncology to offer its novel and innovative approach to truly personalized cancer treatments. The partnership will start with the launch of clinical studies employing KYAN Therapeutics' proprietary Quadratic Phenotypic Optimization Platform (QPOP) for patients suffering from Colorectal and Gastric cancers.

This initiative aims to further generate data toward offering QPOP as clinical decision support in cancer care. KYAN Therapeutics plans to launch its commercial assay in Singapore by the end of 2022.

Traditional standard of care for cancer is to treat the condition instead of the patient even though each patient's cancer is unique. Only around 25% of cancer patients benefit from this one-size fits all therapy. Most cancer patients still suffer from the lack of effectiveness, requiring multiple lines of treatment, and toxicity causes many adverse events. For some cancer types, response rates are dismal by the third line and clinicians struggle with the lack of guidelines and clinical data, leaving patients with little to no options.

"Curie Oncology will collaborate with Kyan Therapeutics to identify patients suitable for this new technology through clinical research. This is the type of technology that we want to identify to help advance cancer care for our patients," remarks Dr Toh Chee Keong.

Image caption- From left to right: Dr Toh Chee Keong (Curie Oncology), Hugo Saavedra (KYAN CEO), Masturah Rashid (KYAN Head of R&D) and Bo Hong Tay (Curie Oncology)