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BioAsia 2025 announces Genome Valley Excellence Award to Singapore's Prof. Patrick Tan

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BioAsia, Asia's largest annual global biotechnology and life sciences forum organised by the Government of Telangana, has announced that the prestigious Genome Valley Excellence Award will be conferred upon Prof. Patrick Tan, Executive Director of PRECISE (Precision Health Research, Singapore), National University of Singapore, for his outstanding contributions to precision medicine, cancer genomics, and population health research.

Prof. Tan has played a transformative role in advancing biomedical research and personalised healthcare, particularly through his leadership at PRECISE. His pioneering work in integrating genomics with clinical care has shaped the future of medicine, making healthcare more predictive, personalized, and precise. The award will be presented during the 22nd edition of BioAsia, which will be held from February 24–26, 2025, in Hyderabad.

Prof. Patrick Tan’s contributions to the fields of cancer genomics and population health are globally recognised. His research has led to groundbreaking discoveries in cancer biology, especially in gastrointestinal cancers, and the identification of novel biomarkers for targeted therapies. At PRECISE, Prof. Tan has spearheaded Singapore’s national precision medicine program, which integrates advanced genomic research with artificial intelligence to create predictive models for disease prevention and treatment.

His efforts have bridged the gap between research and clinical practice, impacting healthcare systems worldwide. Prof. Tan’s leadership in population genomics initiatives has helped build one of Southeast Asia’s most comprehensive genomic databases, addressing the underrepresentation of Asian populations in global genomic research and improving the relevance of precision health solutions across diverse populations.