

Metabolon, NTU Singapore collaborate to study disease biomarkers

27 September 2022 | News

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Metabolon has announced a new partnership with the Lee Kong Chian School of Medicine (LKCMedicine) at Nanyang Technological University, Singapore (NTU Singapore) to identify biomarkers using data from the Health for Life in Singapore (HELIOS) study.

The HELIOS study, established and led by NTU LKCMedicine, aims to understand the health of the Singaporean population by collecting deep phenotypic data regarding lifestyle, environment, and genes that may influence health.

HELIOS has captured insightful data across a broad range of diseases, including atherosclerosis, diabetes, cardiometabolic disease, coronary artery disease, non-alcoholic fatty liver disease (NAFLD), non-alcoholic steatohepatitis (NASH), cancer, Alzheimer's disease, Parkinson's disease, frailty, aging, osteoporosis, asthma, and chronic obstructive pulmonary disease (COPD).

Metabolon will leverage HELIOS data to identify biomarkers to support the prevention, diagnosis, and treatment of a wide range of health conditions, such as heart disease, diabetes, cancer, and other chronic diseases. The collaborative data agreement and long-term follow-up of cohort participants will enable the investigation of the complex relationship between environment, lifestyle, and genetic factors that may lead to subsequent disease.