



PROF.
**JIANJUN
LIU**

GENOME INSTITUTE
OF SINGAPORE (GIS),
SINGAPORE



Distinguished Principal Scientist
Laboratory of Human Genomics



Professor Jianjun Liu is currently the Distinguished Principal Scientist at the Genome Institute of Singapore, Agency of Science Technology and Research (A*STAR), and a Professor at the Yong Loo Lin School of Medicine, National University of Singapore in Singapore.

Prof Liu's main research interest is to understand the genetic bases of human diseases. Focusing on Asian populations, he has pursued collaborative research to discover genetic variants that influence disease susceptibility, progression, and treatment outcomes.

Prof Liu's research covers diverse disease phenotypes, including cancers, autoimmune/ inflammatory diseases, neurological/ neuropsychiatric disorders, metabolic and cardiovascular diseases, and infectious diseases.

Prof Liu's research has advanced the genome-wide association studies of complex diseases and adverse drug reactions in the Asian population and contributed to understanding the genetic architecture of Asian populations.

Recently, Prof Liu has expanded his research by exploring the application of long-read sequencing technology for population genomic analyses, such as generating new Asian-centric reference genomes.

By publishing over 470 peer-reviewed papers with over 49,000 citations (H-index = 95, Web of Science 2022), Prof Liu has been well recognized as a leader of Asian genetics by the international research community.

Prof Liu won the **"President's Science Award"** in 2020, which is the highest recognition of scientific achievement in Singapore, as well as the "Chen Young Investigator Award" from the Human Genome Organization (HUGO) in 2011. He was recognized by Thomson Reuters as one of "The World's Most Influential Scientific Minds" (top 1% of scientists with the highest number of citations globally) in 2015.

Google Scholar

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