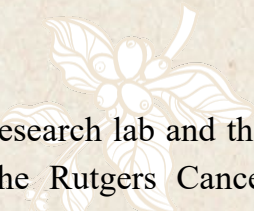# Speaker Bio

Bio

Dr. Chang Chan completed his bachelor's degree in physics and mathematics at Harvard University and pursued his Ph.D. in Physics at Princeton University with research focused on String Theory. After obtaining his Ph.D., Chang transitioned into systems and computational biology and performed postdoctoral work at Princeton University with focus on gene post-transcriptional regulation and at the Institute for Advanced Study at Princeton with research focused on regulation of oncogenes and tumor suppressors.

Dr. Chan is a principal investigator of a research lab and the co-leader of the Genome Instability and Cancer Genetics research program at the Rutgers Cancer Institute, a National Cancer Institute designated comprehensive cancer center.His lab focuses on computational cancer genomics, cancer evolution, and p53 biology. Dr. Chan develops computational tools and pipelines for analyzing, integrating, and modeling immense biological data including whole-genome, exome, transcriptome, DNA methylation, single-cell genomics, and precision oncology. Recently, he has applied multi-omics to neuroendocrine tumors to molecularly classify subtypes defined by transcriptional and mutational profile that associate with different clinical phenotype.