

Timothy Chan

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Timothy A. Chan MD, PhD is a Physician-Scientist, Staff, Professor and Attending Physician at Cleveland Clinic and Case Comprehensive Cancer Center. Dr. Chan received his MD and PhD in cancer genetics, completed a residency in radiation oncology and finished a fellowship at the Johns Hopkins School of Medicine.

Dr. Chan is Chair and Founding Director of the Center of Immunotherapy and Precision Immuno-Oncology at Cleveland Clinic's Lerner Research Institute. The newly established center focuses on immunotherapy research and developmental therapeutics, while bringing together multidisciplinary experts from across the Cleveland Clinic enterprise. The Chan laboratory specializes in using genomic analysis to characterize the drivers of genetic programs underlying immunotherapy and oncogenesis. These approaches include large-scale analyses, functional genomics, immunogenomics, biochemical and molecular analyses and mouse modeling. The lab has a special interest in deciphering the mechanisms underlying immunotherapy treatment response and resistance. Outside of the Chan lab and research aspects, Dr. Chan is an integral part of the clinical team within Cleveland Clinic, Taussig Cancer Institute.

Before joining Cleveland Clinic, Dr. Chan was the Paine Webber Chair in Cancer Genetics, a tenured Professor, Director of the Immunogenomics Program and Vice Chair of the Department of Radiation Oncology at Memorial Sloan Kettering and Weill Cornell School of Medicine for over a decade.

Dr. Chan has published over 200 articles in peer-reviewed journals including Nature, Science, The New England Journal of Medicine, Cell and numerous others. He has made instrumental discoveries throughout his research in immunotherapy. Earning him international recognition as an expert in precision immuno-oncology, a true pioneer in the field of genomics, as well as leading the way in tremendous breakthroughs in the personalization of cancer care and treatment.

Dr. Chan serves on the scientific advisory board for Cell and the Frederick National Laboratory/National Cancer Institute. He is an NCI Outstanding Investigator and an elected member of the American Association of Physicians (AAP). Dr. Chan also wears the hat of co-director of the National Center for Regenerative Medicine of Case Western Reserve University.