



# Saranya Chumsri, M.D.

## Professor of Oncology



Saranya Chumsri, M.D., is a consultant in the Division of Hematology and Medical Oncology at Mayo Clinic in Florida, with a joint appointment in the Department of Cancer Biology. Dr. Chumsri serves as co-chair of the Breast Disease Group in the Mayo Clinic Comprehensive Cancer Center as well as the chair of the HER2-Positive Working Group. She joined the staff of Mayo Clinic in 2014 and holds the academic rank of professor of oncology, Mayo Clinic College of Medicine and Science.

Dr. Chumsri earned her M.D. at Chulalongkorn University in Bangkok, Thailand. She trained in internal medicine at the Albert Einstein Medical Center in Philadelphia, Pennsylvania, as well as hematology and oncology at the University of Maryland in Baltimore.

With over 84 publications, Dr. Chumsri is an expert in breast cancer research. Her research focuses on several aspects of breast cancer, including genomics, immunology, epigenetics, breast cancer stem cells, and endocrine resistance, as well as an aggressive form of breast cancer lacking estrogen receptor, progesterone receptor, and HER2, termed triple-negative breast cancer. Dr. Chumsri is also an expert in developing genomic biomarkers, using RNA-seq and NanoString technologies, to predict response to targeted therapy in breast cancer, particularly immune-related biomarkers, as well as to identify mechanisms of resistance to targeted therapy. Furthermore, she developed multiple novel experimental therapeutics in breast cancer through phase 1 and 2 clinical trials with a specific focus on immunotherapy, cancer vaccines, triple-negative breast cancer, endocrine-resistant breast cancer, and combinatorial studies with novel therapies in both preclinical and clinical trials.

As a part of her focus on breast cancer research, Dr. Chumsri is a clinician-scientist reviewer for the Breast Cancer Research Program for the Department of Defense Congressionally Directed Medical Research Programs. She receives funding support from the Department of Defense, the National Cancer Institute, foundations and pharmaceutical companies to conduct novel clinical trials in immuno-oncology as well as cancer vaccines for both the treatment and prevention of breast cancer.

In addition to her clinical and research roles, Dr. Chumsri serves on several important committees at Mayo Clinic, including the Cancer Center Scientific Progress Review Subcommittee, Fellowship Program Education Committee, and Clinical Trials Leadership Council. Moreover, she is on multiple international steering committees, including the (Neo)ALTTO steering committee, Academic and Community Cancer Research United Consortium Breast Cancer Committee, and the Alliance for Clinical Trials in Oncology Immuno-Oncology Committee.

Throughout her training and career, Dr. Chumsri has received many awards and honors, including most recently the Outstanding Research Award conferred by the Department of Medicine at Mayo Clinic in Florida.