

Hunter College of the City University of New York
Department of Biological Sciences
Spring 2024 Inga Richter Seminar Series

Thomas Marron, MD, PhD
Internal Medicine, Oncology
Icahn School of Medicine at Mount Sinai



The Next Generation of Cancer Immunotherapy

As a member of The Tisch Cancer Institute and the Precision Immunology Institute, Dr. Marron works closely with basic scientists across the Mount Sinai Health System, translating preclinical findings into clinical advances. He also leads The neoAdjuvant Research Group to Evaluate Therapeutics (TARGET) which is housed in EPTU and is a large cross-disciplinary collaborative translational research program focused on clinical trials for multiple types of cancer in which patients receive novel therapies prior to surgery. These neoadjuvant trials are often called “window-of-opportunity” trials given the brief nature of the pre-surgical intervention, and opportunity to learn a great deal about novel agent’s mechanisms of action in humans. The goal of these trials is to decrease the likelihood that cancer will return after surgery; in parallel, they support deep interrogation of the effect of new and standard therapies on the tumor immune microenvironment at the single-cell level. Further, the trials enable Dr. Marron and collaborators to define combination approaches that optimize response rates and the durability of novel immune-based therapies, while minimizing toxicity to patients.

Monday, February 26, 2024
12:30pm
Hunter College 926HN
Host: Jayne Raper