

NIH Genetic Studies on Cancer Health Disparities



The **NCI Breast Cancer Genetic Study** is the largest study to investigate the biological and genetic factors that contribute to breast cancer in African American women. The study will compare the genomes of 20,000 African American women without breast cancer and 20,000 African American women with breast cancer to identify these factors and will also cross-compare to the genomes of white women.

The **NIH-Prostate Cancer Foundation RESPOND Study** will investigate the genetic and environmental factors, including social determinants of health, that influence prostate cancer development in African American men. Through the enrollment of 10,000 patients, the study will examine possible associations between aggressive disease and environmental and genetic factors.