Breast cancer is the most commonly diagnosed cancer among American women, with about 1 in 8 developing an invasive form of the disease over the course of their lifetime. How are researchers working to stop these trends and save the lives of those with breast cancer?

Join us for a unique look inside the lab of Svasti Haricharan, Ph.D., assistant professor in the Aging, Cancer and Immuno-oncology Program, as we uncover how scientists approach breast cancer research and how this research leads to new breakthroughs in treatments and therapies for patients.

We will examine breast cancer from the macro level, to basic and translational research. This is an exclusive chance to see how we uncover critical information on cancer and then how we take these discoveries to the next step in finding treatments and cures.

Learn how the Haricharan Lab is battling breast cancer:

• Why do different populations respond differently to treatments and how can we ensure better outcomes for all patients?
  Testing racial disparities in tumor and breast tissue to develop targeted treatments based on the specific patient.

• Identify a tumor marker that may be used to predict which breast cancer patients will experience resistance to endocrine therapy. How can we get the right treatments to the right patients as soon as possible?
  Uncover a new approach to selecting patients for therapy that targets HER2, a protein that promotes the growth of cancer cells, to help avoid disease relapse or progression of endocrine-sensitive disease.

A Q&A session will follow the presentation and will give you an opportunity to personally connect with the speakers and have your questions answered.

SPEAKERS

Svasti Haricharan, Ph.D.
Assistant Professor
Tumor Microenvironment and Cancer Immunology Program
NCI-Designated Cancer Center
Sanford Burnham Prebys

Aloran Mazumder, Ph.D.
Postdoctoral Associate, Haricharan Lab
Tumor Microenvironment and Cancer Immunology Program
NCI-Designated Cancer Center
Sanford Burnham Prebys

Nindo Punturi, Ph.D.
Research Assistant, Haricharan Lab
Tumor Microenvironment and Cancer Immunology Program
NCI-Designated Cancer Center
Sanford Burnham Prebys

Sinem Punturi, Ph.D.
Research Assistant, Haricharan Lab
Tumor Microenvironment and Cancer Immunology Program
NCI-Designated Cancer Center
Sanford Burnham Prebys