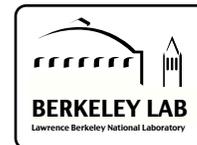


THE JOHN LAWRENCE SEMINARS



"THE HUMAN BREAST MICROBIOME"

DELPHINE J. LEE, M.D., PH.D.

JOHN WAYNE CANCER INSTITUTE

SANTA MONICA

While a huge effort has emerged to define the human microbiome in the gut, skin, and other organ systems, there has been less attention on tissues previously thought of as sterile, including breast tissue. A few studies have defined the bacterial microbiome in human breast milk and breast tissue, and the physiologic role of bacteria or their components in breast cancer has not been well defined. The presence of bacteria at the site of the tumor microenvironment may contribute to carcinogenesis (e.g., by promoting chronic inflammation) or immune surveillance (e.g., by stimulating antitumor pathways). Our investigation of the microbiome of breast tissue and potential implications will be discussed.

TUES., APRIL 12TH
4:00 P.M.

717 POTTER STREET
ROOM 141
BERKELEY LAB

HOST:
MARK LABARGE