

Yale Breast Cancer Team Science Group
Presents the First
Yale Breast Cancer Summit
May 6, 2021
AGENDA 8:00-1:00 PM
Zoom

8:00-8:05 AM	Opening Remarks Nita Ahuja, MD Interim Director, Yale Cancer Center
8:05-8:15 AM	Summit Overview Qin Yan, PhD Co-Organizer of the Yale Breast Cancer Summit
Session 1 8:15-9:30 AM	Obesity, Metabolism and Breast Cancer Moderator: Melinda Irwin, PhD, MPH
8:15-8:30 AM	Targeting Insulin Signaling as an Adjunct to Chemotherapy in Mice with Breast Cancer Rachel Perry, PhD
8:30-8:45 AM	Modulation of Breast Cancer Metabolism by Chemotherapeutics and Xenoestrogens Caroline Johnson, PhD
8:45-9:00 AM	The Role of Dietary Fat Composition in Obesity, Cancer and Metabolic Disease Matthew Rodeheffer, PhD
9:00-9:15 AM	De Novo Lipid Synthesis as Novel Therapeutic Target Lajos Pusztai, MD, MPhil
9:15-9:30 AM	Panel Q&A for Speakers
Session 2 9:30-10:30 AM	Cancer Survivorship and Outcomes Research Moderator: Cary Gross, MD
9:30-9:45 AM	The Costs of Breast Cancer Care Rachel Greenup, MD, MPH
9:45-10:00 AM	Can We Predict the Future?: Predictive Models of Breast Cancer Toxicities Maryam Lustberg, MD, MPH
10:00-10:15 AM	Harnessing Mobile Technology to Improve Cancer Care Delivery Sarah Mougalian, MD
10:15-10:30 AM	Panel Q&A for Speakers
10:30-10:45 AM	Break

Session 3 10:45-11:45 AM	DNA Damage and Breast Cancer Moderator: Faye Rogers, PhD
10:45-11:00 AM	Targeting PARP Inhibitor Resistance Mechanisms Megan King, PhD
11:00-11:15 AM	The evolution of NCI #10020: The use of a PARP inhibitor +/- an Immune Checkpoint Inhibitor in Patients with BRCAmt Breast Cancer: From Bench to Bedside to Bench Patricia LoRusso, DO
11:15-11:30 AM	Illuminating the Molecular Functions of BRCA2 in Breast Cancer Ryan Jensen, PhD
11:30-11:45 AM	Panel Q&A for Speakers
Session 4 11:45-12:35 PM	Technology and Resources Moderator: David Stern, PhD
11:45-11:52 AM	High-Plex as a Discovery Tool for Trastuzumab Resistance Biomarkers David Rimm, MD, PhD
11:52-11:59 PM	Spatially-Resolved Genome-Scale Mapping of Human Tumor Tissues Rong Fan, PhD
11:59-12:06 PM	Novel Preclinical Models for Investigation of Immune Therapy Approaches Viswanathan Muthusamy, PhD
12:06-12:13 PM	Respirometry, Metabolomics, Integrated Omics and Metabolic Flux Richard Kibbey, MD, PhD
12:13-12:20 PM	Innovation in Breast Cancer Surgery Integrating Translation Science, Imaging and Surgery Mehra Golshan, MD, MBA
12:20-12:35 PM	Panel Q&A for Speakers
12:35-12:45 PM	Closing Remarks David Stern, PhD Co-Organizer of the Breast Cancer Summit

This Summit is Co-sponsored with Yale Cancer Center, the Breast DART, GGE, CSN, and CPC research programs

Yale Breast Cancer Team Science Group

The Yale Breast Cancer Team Science Group (YaleBrCaTSG) is an inclusive breast cancer working group of scientists, physicians, and trainees that fosters interdisciplinary collaborations and team science efforts to accelerate transformative research in breast cancer.

To learn more about YaleBrCaTSG, please reach out to Christal.Esposito@Yale.edu for more information