Innovation in Breast Cancer

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VIRTUAL FORMAT

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Christina Curtis, PhD, MSc is an Associate Professor and Endowed Scholar in the Departments of Medicine and Genetics at Stanford University where she leads the Cancer Computational and Systems Biology group and serves as Co-Director of the Molecular Tumor Board at the Stanford Cancer Institute. Her laboratory leverages high-throughput molecular data coupled with computational modeling and iterative experimentation in order to define the molecular determinants and dynamics of tumor progression and to identify robust biomarkers. Dr. Curtis has pioneered methods to quantify human tumor evolution, leading to a renewed understanding how tumors grow and metastasize. Her research has also refined the molecular map of breast cancer, resulting in the identification of subgroups of disease with a persistent risk of recurrence and distinct genomic drivers. Dr. Curtis received the National Institutes of Health Director's Pioneer Award in 2018 and was named a Komen Scholar in 2020. She is a Kavli Fellow of the National Academy of Sciences and the recipient of the awards from the V Foundation for Cancer Research, STOP Cancer, the American Association for Cancer Research, and principal investigator on awards from the NCI, NHGRI, Department of Defense, Breast Cancer Research Foundation, Susan G. Komen Foundation. Dr. Curtis is a Scientific Advisory Board member for the Herbert Irving Comprehensive Cancer Center at Columbia University, the Ontario Institute for Cancer Research Adaptive Oncology Program, GRAIL and Nanostring and serves on the Editorial Boards of numerous journals spanning computational biology to precision medicine.