

Project Title	Investigators	Organization	State/ Country	Affiliate	Mechanism
Breast Tumor MHC-II Expression Guides Breast Cancer Response to Immunotherapy	Justin Balko, Ph.D., Pharm.D.	Vanderbilt University Medical Center	TN	Central Tennessee Affiliate	CCR Competitive Renewal
Why Do Older Women with Breast Cancer Do Worse?: A Longitudinal Cohort Study	Rachel Ann Freedman, M.D.	Dana-Farber Cancer Institute	MA	New England Affiliate	CCR Competitive Renewal
Targeting Cell Metabolism to Circumvent Chemotherapy Resistance in TNBC	Kristin Brown, Ph.D.	The University of Melbourne	Australia	N/A	CCR Drug Resistance
Targeting the Unfolded Protein Response Pathway to Prevent Therapeutic Resistance	Katherine Cook, Ph.D.	Wake Forest University Health Sciences	NC	N/A	CCR Drug Resistance
Targeting Metabolic Adaptations to Inhibit Breast Tumor Recurrence and Metastasis	Subhamoy Dasgupta, Ph.D.	Roswell Park Alliance Foundation	NY	Upstate New York Affiliate	CCR Drug Resistance
Notch-Driven Epigenetic Program of Triple Negative Breast Cancer	Robert Faryabi, Ph.D.	University of Pennsylvania	PA	Philadelphia Affiliate	CCR Drug Resistance
Immunologic Mechanisms of Resistance to CDK4/6 Inhibition in Breast Cancer	Shom Goel, Ph.D.	Dana-Farber Cancer Institute	MA	New England Affiliate	CCR Drug Resistance
Harnessing Macrophages in Advanced Breast Cancer to Combat Drug Resistance	Jennifer Guerriero, Ph.D.	Dana-Farber Cancer Institute	MA	New England Affiliate	CCR Drug Resistance
Mismatch Repair Defects and Endocrine Therapy Resistance in ER+ breast cancer	Svasti Haricharan, Ph.D.	Sanford Burnham Prebys Medical Discovery Institute	CA	San Diego Affiliate	CCR Drug Resistance
Mechanisms of Stroma-Mediated Drug Resistance in ER+ Breast Cancers	Taru Muranen, Ph.D.	Beth Israel Deaconess Medical Center	MA	New England Affiliate	CCR Drug Resistance
BET Inhibition as a Therapeutic Strategy for ER+ Invasive Lobular Breast Cancer	Darran O'Connor, Ph.D.	Royal College of Surgeons in Ireland	Ireland	N/A	CCR Drug Resistance
Targeting Anthracycline Resistance as a Novel Strategy to Treat TNBC	Amit Tiwari, Ph.D.	University of Toledo Health Science Campus	OH	Northwest Ohio Affiliate	CCR Drug Resistance
Chemo-Sensitization of Triple Negative Breast Cancer by Targeting HuR	Xiaoqing Wu, Ph.D.	The University of Kansas Center for Research	KS	Greater Kansas City Affiliate	CCR Drug Resistance
Harnessing Regulatory T Cell-Dependent Mechanisms for Brain Metastasis Therapy	Paula Bos, Ph.D.	Virginia Commonwealth University	VA	Central Virginia Affiliate	CCR Metastasis

Project Title	Investigators	Organization	State/ Country	Affiliate	Mechanism
Targeting cancer cell-ECM interactions to prevent breast cancer metastasis	Jose Javier Bravo-Cordero, Ph.D.	Icahn School of Medicine, Mount Sinai	NY	Greater New York City Affiliate	CCR Metastasis
Can eradicated tumor cell clusters prevent metastasis? A preclinical study	Kevin Cheung, M.D.	Fred Hutchinson Cancer Research Center	WA	Puget Sound Affiliate	CCR Metastasis
Targeting Prometastatic Neutrophils to Inhibit Breast Cancer Metastasis	Xia Liu, Ph.D.	Northwestern University Feinberg School of Medicine	IL	Chicago Affiliate	CCR Metastasis
Single Cell Study of Unique Leukocyte Subset Containing Metastatic Tumor Vesicles	Xin Lu, Ph.D.	University of Notre Dame	IN	N/A	CCR Metastasis
Impact of obesity-associated inflammation on breast cancer metastasis	Daniela Quail, Ph.D.	McGill University	Canada	N/A	CCR Metastasis
Wnt pathway regulation of metastatic progression in TNBC	Kevin Roarty, Ph.D.	Baylor College of Medicine	TX	Houston Affiliate	CCR Metastasis
Biomarkers of PARPi Response and Immunogenicity in BRCA-associated MBC	Payal Shah, M.D.	University of Pennsylvania	PA	Philadelphia Affiliate	CCR Metastasis
Intrinsic Epigenomic Regulation of Metastatic Outgrowth in ER-Positive Cancers	Joe Taube, Ph.D.	Baylor University	TX	East Central Texas Affiliate	CCR Metastasis
Identification and Targeting of Clinically Actionable Genes in Bone Metastases	Rebecca Watters, Ph.D.	University of Pittsburgh	PA	Greater Pennsylvania Affiliate	CCR Metastasis
African Breast Cancer - Disparities in Outcomes Postdoctoral Fellow	Valeria McCormack, Ph.D.	International Agency for Research on Cancer	France	N/A	Global Grants
Evidence-Based Sustainable Strategies for Early Diagnosis of Breast Cancer in China	Tsu-Yin Wu, Ph.D.	Eastern Michigan University	MI	Michigan Affiliate	Global Grants
Identification and dissection of breast cancer genetic dependencies	Alan Ashworth, Ph.D.	University of California, San Francisco	CA	San Francisco Bay Area Affiliate	Komen Scholars Grants
Identification of Premalignant Changes in Breast Cancer Cells from BRCA1 Mutant Carriers	Joan Brugge, Ph.D.	Harvard Medical School	MA	New England Affiliate	Komen Scholars Grants
Limiting the inflammation of obesity to prevent breast cancer	Mary Disis, M.D.	University of Washington	WA	Puget Sound Affiliate	Komen Scholars Grants

Project Title	Investigators	Organization	State/Country	Affiliate	Mechanism
Liquid Biopsies for Breast Cancer Diagnosis	William Foulkes, MBSS, Ph.D.	The Research Institute of the McGill University Health Centre	Canada	N/A	Komen Scholars Grants
Using Fine Needle Aspirates as a minimally invasive technique for disease monitoring using single cell genomics methods in Triple Negative Breast Cancer (TNBC)	Karen Gelmon, M.D.	Provincial Health Services Authority	Canada	N/A	Komen Scholars Grants
Toxicities of Breast Cancer Treatment	Sharon Giordano, M.D.	University of Texas M.D. Anderson Cancer Center	TX	Houston Affiliate	Komen Scholars Grants
Mechanisms of Resistance to Treatment in Metastatic Breast Cancer	Joe Gray, Ph.D.	Oregon Health & Science University	OR	Oregon and SW Washington Affiliate	Komen Scholars Grants
Novel Devices to Capture Circulating Tumor Cells	Daniel Hayes, M.D.	University of Michigan	MI	Michigan Affiliate	Komen Scholars Grants
PARP Inhibition and Radiotherapy for Patients with Inflammatory Breast Cancer	Reshma Jagsi, M.D., Ph.D.	University of Michigan	MI	Michigan Affiliate	Komen Scholars Grants
Identification of New Genes for Inherited Breast Cancer by Next Generation Sequencing in High-Risk Families	Mary-Claire King, Ph.D.	University of Washington	WA	Puget Sound Affiliate	Komen Scholars Grants
Molecular Imaging of Breast Cancer Metabolism to Predict In Vivo Cancer Behavior	David Mankoff, M.D., Ph.D.	University of Pennsylvania	PA	Philadelphia Affiliate	Komen Scholars Grants
Large Scale Profiling of Triple-Negative Breast Cancer and Implications for Clinical Outcome	Ingrid Mayer, M.D.	Vanderbilt University Medical Center	TN	Central Tennessee Affiliate	Komen Scholars Grants
Targeting the GRHL2/AGR2/LYPD3 Axis in Breast Cancer	Donald McDonnell, Ph.D.	Duke University	NC	North Carolina Triangle to the Coast Affiliate	Komen Scholars Grants
iMETX (Individualized Metabolic RX): A Pilot Study of an Environmental Intervention to Increase Energy Expenditure Among Breast Cancer Survivors	Kathy Miller, M.D.	Indiana University	IN	Central Indiana Affiliate	Komen Scholars Grants
Combinatorial Adaptive Resistance Therapy In Breast Cancer	Gordon Mills, M.D., Ph.D.	University of Texas M.D. Anderson Cancer Center	TX	Houston Affiliate	Komen Scholars Grants
Family History, Genetics, and Environment: Breast Cancer Risk in U.S. Black Women	Julie Palmer, Sc.D.	Trustees of Boston University, B U Medical Campus	MA	New England Affiliate	Komen Scholars Grants
Breast Cancer In Young Women	Partridge, Ann	Dana-Farber Cancer Institute	MA	New England Affiliate	Komen Scholars Grants

Project Title	Investigators	Organization	State/Country	Affiliate	Mechanism
Improving Adherence to Endocrine Hormonal Therapy among Breast Cancer Patients	Amelie Ramirez, Dr.PH	University of Texas Health Science Center at San Antonio	TX	San Antonio Affiliate	Komen Scholars Grants
Exploiting New Patterns of Genome Damage in Triple Negative Breast Cancer	Sohrab Shah, Ph.D.	Memorial Sloan Kettering Cancer Center	NY	Greater New York City Affiliate	Komen Scholars Grants
Optimizing therapy of triple-negative breast cancer	Melinda Telli, M.D.	Stanford University	CA	San Francisco Bay Area Affiliate	Komen Scholars Grants
Regulation Of Metastasis By Mitochondrial DNA	Danny Welch, Ph.D.	University of Kansas Medical Center Research Institute	KS	Greater Kansas City Affiliate	Komen Scholars Grants
Involving Family to Improve Communication in Breast Cancer Care (Sharing in Care)	Antonio Wolff, M.D.	Johns Hopkins University School of Medicine	MD	Maryland Affiliate	Komen Scholars Grants
Predicting Disease Progression from Imaging Data	Regina Barzilay, Ph.D.	Massachusetts Institute of Technology	MA	New England Affiliate	Opportunity Grants
Managing Treatment Burden and Capacity in Breast Cancer Patients	Alex Cheng, Ph.D.	Vanderbilt University Medical Center	TN	Central Tennessee Affiliate	Opportunity Grants
Carolina Breast Cancer Study 3	H. Earp, M.D.	The University of North Carolina, Chapel Hill	NC	North Carolina Triangle to the Coast Affiliate	Opportunity Grants
ASSESS: A Novel Breast Cancer Decision Support Tool	Sharon Giordano, M.D.	The University of Texas MD Anderson Cancer Center	TX	Houston Affiliate	Opportunity Grants
Susan G. Komen Tissue Bank at the IU Simon Cancer Center	Anna Storniolo, M.D.	Indiana University	IN	Central Indiana Affiliate	Opportunity Grants
Profiling Breast Cancer After Pre-Surgical Therapy: A Platform for Discovery of Mechanisms of Drug Resistance	Carlos Arteaga, M.D.	UT Southwestern Medical Center	TX	Dallas County Affiliate	Scientific Advisory Board Grants
Optimizing HER2-targeting Using RNA and DNA-based Predictive Algorithms	Lisa Carey, M.D.	The University of North Carolina, Chapel Hill	NC	North Carolina Triangle to the Coast Affiliate	Scientific Advisory Board Grants
Triple Negative Breast Cancer: Subtypes, Molecular Targets, And Therapeutic Approaches	Jennifer Pietenpol, Ph.D.	Vanderbilt University Medical Center	TN	Central Tennessee Affiliate	Scientific Advisory Board Grants
Scientific and Patient Advocate Sessions	Yibin Kang, Ph.D.	Metastasis Research Society	FL	N/A	Sponsored Programs and Partnerships

Project Title	Investigators	Organization	State/ Country	Affiliate	Mechanism
2018 Duke-Susan G. Komen Fundamentals and Accelerating Anticancer Agent Development and Validation (AAADV) Workshop	H. Kim Lyerly, M.D.	Duke University	NC	North Carolina Triangle to the Coast Affiliate	Sponsored Programs and Partnerships
AACR	Michael Stewart	American Association for Cancer Research	PA	Philadelphia Affiliate	Sponsored Programs and Partnerships
Susan G. Komen Breast Cancer Challenge at Obesity Week 2017	Laura Tester Meyer	The Obesity Society	MD	Susan G. Komen Washington, D.C. Race for the Cure	Sponsored Programs and Partnerships
The Translational Breast Cancer Research Consortium	Antonio Wolff, M.D.	Johns Hopkins University School of Medicine	MD	Maryland Affiliate	Sponsored Programs and Partnerships
<b>Inflammatory Breast Cancer Innovator Grants: Funded in partnership with the Milburn Foundation and the Inflammatory Breast Cancer Research Foundation*</b>					
Preclinical testing of matriptase as a novel target in inflammatory breast cancer	Karin List, Ph.D.	Wayne State University	MI	Greater Detroit Affiliate	Inflammatory Breast Cancer Innovator Grants (*Funded in FY17-18)