



## Research Initiative Grant History

Year	Amount	Recipient	Proposal
2021	\$25,000	Dr. Sagar R. Shah, PhD. Cornell University	"Identification and functional characterization of enhancer-associated mutations in breast cancer."
2021	\$25,000	Tao Dai Roswell Park Comprehensive Cancer Center	"Uncovering the implications of breast cancer metabolic adaptation in the tumor microenvironment."
2020	\$50,000	Isaac Harris, PhD University of Rochester	"Uncovering the roles of extracellular glutathione in triple-negative breast cancer"
2020	\$25,000	Matthew Lee Tan Cornell University	"Investigating the Role of Metabolism and the Perivascular Niche on Breast Cancer Stem-like Cell Properties"
2019	\$50,000	Mark D. Noble, PhD University of Rochester	"Biomarker and Treatment Development for Breast Cancer with Acquired Tamoxifen Resistance"
2019	\$25,000	Danielle Erin Desa University of Rochester	"Understanding the Mechanisms Underlying a Novel Predictor of Metastasis"
2018	\$50,000	Scott A. Coonrod, PhD Cornell University	"Role of PAD-2 in ER-DNA Binding and Endocrine Resistance"
2018	\$25,000	Arash Latifkar Cornell University	"Determining how down regulating Sirtuin I expression in breast cancer generates a secretome that promotes invasion and metastasis"
2017	\$50,000	Elizabeth A. Repasky, PhD Roswell Park Cancer Institute	"Stress induced inhibition of T-cell reprogramming – at the crossroads of immunosuppression and breast cancer metastasis."
2017	\$25,000	Michael J. Lukey Cornell University	"Targeting glutamine metabolism for breast cancer therapy: novel approaches to overcome resistance."
2016	\$50,000	Sharon S. Evans, PhD. Roswell Park Cancer Institute	"Novel role for myeloid cells in directly inhibiting tumor vessel function during IT cell-based immunotherapy in metastatic breast cancer"
2016	\$50,000	John Schimenti, PhD Cornell University	"A precision genomic therapeutic for ARID1A-deficient breast cancer"
2015	\$50,000	Zhenqiang Yao, MD University of Rochester	"Study the Effects of an IAP Inhibitor on Breast Cancer Bone Metastases."
2014	\$50,000	Helene McMurray, PhD and Mark D. Noble, PhD University of Rochester	"Selective targeting of breast cancer initiating cells to prevent metastasis and promote long term survival"

2014	\$50,000	Gokul M. Das, PhD Roswell Park Cancer Institute	"Role of Estrogen Receptor Beta and Tumor Suppressor p53 Signaling in Triple Negative Breast Cancer Metastasis"
2013	\$50,000	Ashwani K. Sood, PhD Roswell Park Cancer Institute	"Targeting of PDEF oncogene in breast cancer"
2013	\$56,125	Ryan P. Dawes University of Rochester	"Breast cancer exosomes, novel intermediaries in psychosocial stress-induced tumor pathogenesis"
2012 to 2009		Program Suspended: No grants awarded. Coalition elects to cooperate in the New York State Research Board Breast Cancer Research Initiative.	
2008	\$40,000	Nicoletta Sacchi, PhD Roswell Park Institute	"Profiling of Breast Pre-Malignancies"
2007	\$40,000	Kelley Madden, PhD University of Rochester	"Stress and Breast Tumor Growth"
2007	\$40,000	Monica Guzman, PhD University of Rochester	"Novel Agents to Destroy Breast Cancer Stem Cells"
2006	\$50,000	Bendicht U. Pauli, MS, DVM, PhD, Cornell University	"Fibronectin and its Polymers in Breast Cancer Metastasis"
2005	\$40,000	Keshav K. Singh, PhD Roswell Park Cancer Institute	"Mitochip Expression Array: A Genomic Approach to Identify New Breast Cancer Genes"
2004	\$35,000	Paul Okunieff, MD University of Rochester	"Shaped Beam Radiosurgery in the Treatment of Oligometastatic Breast Cancer"
2003	\$25,000	Mesut Muyan, DVM, PhD University of Rochester	"Estrogen Response Element Binding Proteins: Potent Activators or Repressors of Estrogen Responsive Genes"