Recently awarded Massey Cancer Center Pilot Projects:

2014

- Shijun Zhang, Ph.D.
- Steven Grant, M.D.
- Senthil Kumar Radhakrishnan, Ph.D. Charles Clevenger, M.D., Ph.D.
- Andrew J. Barnes, Ph.D. Caroline O. Cobb, Ph.D. Thomas E. Eisenberg, Ph.D.
- Xiang-Yang (Shawn) Wang, Ph.D. Yan Zhang, Ph.D.
- Bhaumik B. Patel, M.D. Umesh R. Desai Ph.D.
- Charles E. Chalfant, Ph.D. Margaret E. Park, Ph.D. Kazuki Takabe, M.D., Ph.D.
- Huiping Zhou, Ph.D. Phillip B. Hylemon, Ph.D.
- Shirley Taylor, Ph.D. James P. Bennett, Ph.D. Caroline O. Cobb, Ph.D.
- Harry D. Bear, M.D., Ph.D. Nicholas P. Farrell, Ph.D.
- Cathy Bradley, Ph.D. Debra Lyon, Ph.D., R.N.
- Daniel H. Conrad, Ph.D. Harry D. Bear, M.D., Ph.D.
- Larisa Litovchick, M.D., Ph.D. Xianjun Fang, Ph.D.
- Masoud Manjili, D.V.M., Ph.D. Harry D. Bear, M.D., Ph.D.
- Sarah Spiegel, Ph.D. Kazuki Takabe, M.D., Ph.D.
- Paul B. Fisher, M.P.H., Ph.D. Steven R. Grossman, M.D., Ph.D. Devanand Sarker, M.B.B.S., Ph.D. Luni Emdad, M.B.B.S., Ph.D.
- Yi Ning, M.P.H., M.D., Sc.D.

- "Development of thalidomide/curcumin hybrids for multiple myeloma"
- "Mechanism of Prolactin Receptor Retrotranslocation"
- "Investigating Effects of Regulating E-Cigarette Flavoring and Modified Risk Messages on Measure of Abuse Liability"
- "Molecular antagonization of myeloid cell-associated CD204 to enhance cancer immunotherapy"
- "Synthetic, Non-Saccharide, Glycosaminoglycan Mimetics Selectively target Colon Cancer Stem Cells"
- "Chemo- and radiosensitization of solid tumors by nitric oxide synthase recoupling and normalization of tumor vasculature"
- "Ceramide kinase, UVRAG, and ceramide-1-phosphate: The triumvirate of breast cancer metastasis?"
- "Bile acids and S1P signaling in cholangiocarcinom"
- "Mitochondrial dysfunction in human cancers mutant in isocitrate dehydrogenase, succinate dehydrogenase or fumarate hydratase"

2013

- M. Imad Damaj, Ph.D. David A. Gewirtz, Ph.D.
- Keith C. Ellis, Ph.D. Steven R. Grossman, M.D., Ph.D. Glen E. Kellogg, Ph.D.
- Youngman Oh, Ph.D. Steven R. Grossman, M.D., Ph.D. Harry D. Bear, M.D., Ph.D.
- Nicholas P. Farrell, Ph.D. Lawrence F. Povirk, Ph.D.
- Cathy Bradley, Ph.D. Debra Lyon, Ph.D., R.N.
- Daniel H. Conrad, Ph.D. Harry D. Bear, M.D., Ph.D.
- Larisa Litovchick, M.D., Ph.D. Xianjun Fang, Ph.D.
- Masoud Manjili, D.V.M., Ph.D. Harry D. Bear, M.D., Ph.D.
- Sarah Spiegel, Ph.D. Kazuki Takabe, M.D., Ph.D.
- Paul B. Fisher, M.P.H., Ph.D. Steven R. Grossman, M.D., Ph.D. Devanand Sarker, M.B.B.S., Ph.D. Luni Emdad, M.B.B.S., Ph.D.
- Yi Ning, M.P.H., M.D., Sc.D.

- "Development of small-molecular inhibitors of the oncogenic transcriptional co-repressor CtBP"
- "Development of novel therapies for chronic colitis-associated colorectal cancer"
- "A proteomics approach to recruitment of DNA damage-sensing and repair proteins by binuclear platinum-based agents with divergent cellular effects"
- "Cognitive Impairment and Work outcomes in Women with Breast Cancer"
- "Mast Cells (MCs) are required for the immunosuppressive properties of myeloid derived suppressor cells (MDSCs)"
- "The role of lipid signaling via G-protein-coupled receptors in the function of the DREAM complex, an important regulator of the cell cycle-dependent gene expression"
- "Modulation of tumor-immune crosstalk for immunotherapy of breast cancer"
- "Targeting the sphingosine-1-phosphate axis: Potential new therapy for obesity-related breast cancer"

2012

- Richard F. Brown, Ph.D. Gordon D. Ginder, M.D. Steven Grant, M.D. Jonathan P. DeShazo, Ph.D.
- Yi Ning, M.P.H., M.D., Sc.D.

- "Developing an Online Clinical Trial Specific Question Prompt List"
- "Genetic Variants, Diabetes and Adverse Late Effects of Radiation Therapy"
Ross Mikkelsen, Ph.D.
Mitchell S. Anscher, M.D.

• Lynne Elmore, Ph.D.
Debra E. Lyon, M.S.N., Ph.D.
Colleen K. Jackson-Cook, M.S., Ph.D.
Scott C. Henderson, Ph.D.
“Senescence and Cognitive Function in Women with Breast Cancer”

• Xiangning Chen, M.S., Ph.D.
Lynne Elmore, Ph.D
“Discovery of Novel Breast Cancer Risk Genes by Combining GWAS and In Vitro Testing”

• John Hackett, Ph.D.
David Williams, M.D., Ph.D.
“Correlating Plasticity and Promiscuity in CYP3A4-Catalyzed Oxidation Reactions”

• Hisashi Harada, Ph.D.
Geoffrey Krystal, M.D., Ph.D.
“BCL-2 Antagonists for Small Cell Lung Cancer Treatment”

• Rong Huang, Ph.D.
Glen Kellogg, Ph.D.
“De Novo Discovery of Novel N-terminal RCC1 Methyltransferase Inhibitors”

• Robin Matsuyama, M.Ed., Ph.D.
Chris Campbell, M.D.
Maureen Wilson-Genderson, Ph.D.
“A Video Guide to Breast Reconstruction”

• Swati Palit Deb, M.S., Ph.D.
Brad Windle, Ph.D.
Colleen Jackson-Cook, M.S., Ph.D.
Sumitra Deb, Ph.D.
“Control of DNA Replication Timing Program and Genome Integrity by the Human Oncoprotein MDM2”

• Askar Chukmaitov, M.P.A., M.D., Ph.D.
Cathy Bradley, M.P.A., Ph.D.
Bassam Dahman, M.S., Ph.D.
Steven Grossman, M.D., Ph.D.
“What Type and/or Combination of Colonoscopy Procedures Are Associated with Colonoscopy-Related Adverse Events, Post-Colonoscopy Colorectal Cancer, and Emergency Room Transfers in the Outpatient Setting?”

• Zendra Zehner, M.S., Ph.D.
Georgi Guruli, M.D., Ph.D.
“Deep Sequencing of Body Fluids for Diagnostic miRNAs as Biomarkers to Stage Prostate Cancer”

• Xiang-Yang Wang, Ph.D.
Ross Mikkelsen, Ph.D.
“Pattern Recognition Receptor in Cancer Recurrence after Radiotherapy”

• Elisabeth Weiss, M.D.
John Ford, Ph.D.
John Grizzard, M.D.
Geoffrey Hugo, M.S., Ph.D.
Kathryn Olsen, M.D.
“Integration of Morphological and Functional MR Imaging into Radiotherapy Planning of Lung Cancer”

• Jennifer Elston Lafata, Ph.D.
Steven Grossman, M.D., Ph.D.
Lynne Penberthy, M.D., M.P.H.
David Williams, M.D., Ph.D.
“Feasibility of a Colorectal Cancer Survivor Registry and Repository that Integrates Clinical, Biomedical, Behavioral, Environmental and Other Patient-Level Risk Factors”