Siteman Investment Program (SIP) Awardees

The Siteman Investment Program is designed to award pilot funding to faculty investigators to support pioneering cancer research and produce data to leverage external peer reviewed funding.

2018 Cycle 1  
Award Start Date: July 1, 2018

Pre-R01 Award
Milan Chheda, MD
The role of ZFHX4 in the glioblastoma tumor propagating cell state

Tahir Rahman, MD
Antipsychotics and Breast Cancer

Ryan Teague, PhD (Saint Louis University)
Obesity as an obstacle to cancer immunotherapy

Brian Van Tine, MD, PhD
Using Arginine Metabolism to Treat Sarcomas

Alessandro Vindigni, PhD (Saint Louis University)
Role of PrimPol in BCRA1-deficient tumors

Multi-PI Pre-R01 Award
Delphine Chen, MD and Andrea Wang-Gillam, MD, PhD
Imaging PARP levels to predict DNA-damaging agent treatment responses in pancreatic cancer

Cynthia Ma, MD, PhD and Jason Held, PhD
NEK9-MAP2K4: A Novel Signaling Axis Promoting Breast Cancer Growth and Chemotherapy Resistance

Joshua Rubin, MD, PhD; Joseph Ippolito, MD, PhD; and, Kwee L. Thio, MD, PhD
Combined ketogenic diet and BCNU for recurrent pediatric brain tumors

2017 Cycle 2  
Award Start Date: January 1, 2018

Pre-R01
Grant Challen, PhD
The Role of Interferon Gamma Signaling in the Clonal Evolution of Pre-Leukemic Stem Cells

Jaebok Choi, PhD
IFNγR and IL6R Signaling Pathways as Therapeutic Targets to Prevent GvHD While Preserving GvL

David DeNardo, PhD
The Impact of Macrophage Origin on the Pathogenesis of Pancreatic Cancer
Gavin Dunn, MD, PhD
Development of an Immunocompetent Autochthonous Model of Glioblastoma

Kristen Naegle, PhD
Discovering the Role of Phosphorylation in the Pleckstrin Homology Domain

Jacqueline Payton, MD, PhD
Defining the Role of Long Non-Coding RNAs in Lymphoma Pathogenesis

Lukas Wartman, MD
The Role of the Histone Demethylase KDM6A in Acute Leukemia

Multi-PI Pre-R01
Buck Rogers, PhD
Treatment of Metastatic Prostate Cancer with Radioactive PARP Inhibitors

Pre-SPORE/PPG
Tim Ley, MD
Genomics of Acute Myeloid Leukemia

2017 Cycle 1
Award Start Date: July 1, 2017

Pre-R01
Jianguo Liu, MD, PhD, Saint Louis University
Posttranscriptional control of breast tumor growth and metastasis

Lee Ratner, MD, PhD
Role of IRF4 in HTLV-Associated Adult T Cell Leukemia Lymphoma

Michael Rettig, PhD
Development of a Superior Mobilizing Regimen for Hematopoietic Stem Cell Transplantation

Amit Pathak, PhD
Memory-Plasticity Crosstalk in Cancer Cells

Multi-PI Pre-R01
Roberta Faccio, PhD
Characterization and Tumorigenic Action of Osteolineage Cells in the Breast Cancer Microenvironment

Joel Garbow, PhD
Post-XRT Effects in Brain Parenchyma Promote Dramatic Changes in Glioma Phenotype

Pre-SPORE/PPG
Jason Mills, PhD, MD
Mechanisms of Gastrointestinal Adenocarcinoma Tumorigenesis
2016 Cycle 2  
Award Start Date: January 1, 2017

Pre-R01 WUSM  
**James Skeath, PhD**  
A genetic model of perineural invasion

**Steven Teitelbaum, MD**  
Fatty liver promotes hepatic breast cancer metastasis

**Zhongsheng You, PhD**  
Nonsense-mediated mRNA decay in DNA damage response

Multi-PI Pre-R01  
**Nima Mosammaparast, MD, PhD**  
RNA as a target of alkylation chemotherapy in cancer

**Terence Myckatyn, MD**  
Optimizing Decision Making about Breast Reconstruction after Mastectomy: A Patient-Centered Approach

**Jay Piccirillo, MD**  
Evaluating Cognitive Function and Functional Connectivity In Breast Cancer Survivors Who Received Chemotherapy

Pre-SPORE/PPG  
**William Gillanders, MD**  
Siteman Cancer Center Breast Cancer SPORE

2016 Cycle 1  
Award Start Date: July 1, 2016

Pre-R01 Award  
**Jeffrey Bednarski, MD, PhD**  
DNA Damage Mediated Checkpoints in Early B Cell Development

**Ron Bose, MD, PhD**  
Targeting HER2 activating mutations in Metastatic Breast Cancer

**Christopher Maher, PhD**  
The role of onco-IncRNA-230 as an epigenetic regulator of colon cancer metastasis

**Jieya Shao, PhD**  
Functional Regulation of DNA Damage Response by the Ubiquitin-Selective Protein Segregase VCP

**Tanya Wildes, MD, MSCI**  
Optimizing fall-risk prediction in older adults with cancer

**Sergey Korolev, PhD, Saint Louis University**  
Mechanism and inhibition of PALB2 and BRCA2 proteins
Multi-PI Pre-R01
Kendall Blumer, PhD
Direct pharmacological targeting of Gq/11 in uveal melanoma

2015 Cycle 2
Award Start Date: January 1, 2016

Pre-R01
Graham Colditz, MD, DrPH
Premenopausal plasma carotenoids and incident premalignant breast diseases

Joseph Ippolito, MD, PhD
Characterizing the Effects of Sexual Dimorphism on Glioma Metabolism

Albert Kim, MD, PhD
Regulation of glioblastoma stem-like cells by CDC20-Anaphase-Promoting Complex

Kian Lim, MD, PhD
Deactivating the Innate Immune Defense Mechanism of Pancreatic Cancer

Ryan Teague, PhD, Saint Louis University
Exploring T cell diversity as a novel mechanism for cancer immunotherapy

Multi-PI Pre-R01
Jeff Milbrandt, MD, PhD
Axonal maintenance for prevention of chemotherapy-induced peripheral neuropathy

Pre-SPORE/PPG
William Gillanders, MD
Siteman Cancer Center Breast Cancer SPORE

Greg Longmore, PhD
Tumor-Environment Communication Regulating Metastasis

2015 Cycle 1
Award Start Date: July 1, 2015

Pre-R01
David DeNardo, PhD
Targeting Focal Adhesion Kinase to Render Pancreatic Cancer Responsive to Immunotherapy

Todd Fehniger, MD, PhD
Memory-like natural killer (NK) cells for cancer immunotherapy

Multi-PI Pre-R01
Matthew Walter, MD
Role of Subclones and Mutations in the Progression of MDS to Leukemia
(Award returned due to private funding from a foundation)

Dale Dorsett, PhD, Saint Louis University
DNA Replication, Nuclear Architecture and Genome Stability

Pre-SPORE
Jason Mills, MD, PhD
Mechanisms of Gastrointestinal Adenocarcinoma Tumorigenesis