



CANCER PREVENTION &  
RESEARCH INSTITUTE OF TEXAS

Individual Investigator Award Slate: \$38,230,344.00  
November 2011

Application ID	Title	Primary Investigator	Entity	Recommended Award*
RP120046	Mining the oncogenome: Functional genomics approaches for screening mutation drivers of pancreatic ductal adenocarcinoma.	Scott, Kenneth L	Baylor College of Medicine	\$803,179.00
RP120052	Super-high resolution imaging of tumor angiogenesis in deep tissue	Yuan, Baohong	The University of Texas at Arlington	\$1,095,905.00
RP120076	Novel mechanisms leading to telomere dysfunction and cancer predisposition	Bertuch, Alison A	Baylor College of Medicine	\$937,896.00
RP120094	Turn ON the Tumor Contrast for Surgical Resection of Head and Neck Cancers	Gao, Jinming	The University of Texas Southwestern Medical Center at Dallas	\$965,257.00
RP120108	Improving on Anti-CTLA-4 Therapy	Sharma, Padmanee	The University of Texas M.D. Anderson Cancer Center	\$1,378,796.00
RP120124	Investigating the roles of p63 in miRNA regulation in EMT and metastatic breast cancer	Flores, Elsa R	The University of Texas M.D. Anderson Cancer Center	\$1,137,202.00
RP120138	Nuclear receptors and Hippo signaling in liver cancer	Moore, David D	Baylor College of Medicine	\$1,214,977.00
RP120168	Identification of Rheb and Notch-dependent Pathways in Tuberous Sclerosis Complex	Karbowniczek, Magdalena	Texas Tech University Health Science Center - Abilene	\$756,644.00

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RP120194	Defining and Subverting Allele-Specific Regulatory Networks in Cancer	Iyer, Vishwanath R	The University of Texas at Austin	\$1,125,799.00
RP120214	Clinical Translation of Therapeutic siRNA in Solid Malignancies	Coleman, Robert L	The University of Texas M.D. Anderson Cancer Center	\$1,379,098.00
RP120217	Role of IL-17 family cytokines in colon inflammation and cancer	Dong, Chen	The University of Texas M.D. Anderson Cancer Center	\$1,285,789.00
RP120241	T-Cell Therapy After Hematopoietic Stem Cell Transplantation	Cooper, Laurence	The University of Texas M.D. Anderson Cancer Center	\$1,359,672.00
RP120256	Identify signature profile for sensitivity/resistance to PI3K pathway inhibitors to predict response to therapy in Glioblastoma.	Yung, W. K. Alfred	The University of Texas M.D. Anderson Cancer Center	\$1,000,179.00
RP120258	Towards Personalized Cancer Therapy: Stratification of Oral and Pharyngeal Cancer Based on p53 Mutational Status	Myers, Jeffrey N	The University of Texas M.D. Anderson Cancer Center	\$1,139,807.00
RP120262	Functional and structural characterization of small chemical compounds that arrest glioma stem cell growth with high activity and specificity	Parada, Luis F	The University of Texas Southwestern Medical Center at Dallas	\$1,499,532.00
RP120280	Chemoprevention of Colon Cancer by Targeting APC-deficient Cells for Apoptosis	Wu, Xiangwei	The University of Texas M.D. Anderson Cancer Center	\$790,550.00
RP120290	Targeting hedgehog pathway for prostate cancer treatment	Sun, Luzhe	The University of Texas Health Science Center at San Antonio	\$875,252.00
RP120298	Chimeric T cells for therapy of Hodgkin Lymphomas and CD30+ Non Hodgkin Lymphomas	Savoldo, Barbara	Baylor College of Medicine	\$905,975.00
RP120307	Factors Influencing Telomerase Action (Assembly, Modification, Recruitment, Activation): Potential Targets for Telomerase Inhibition Cancer Therapy	Wright, Woodring E	The University of Texas Southwestern Medical Center at Dallas	\$1,002,052.00

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RP120311	Regulation of Cyclooxygenase-2 (COX-2) Gene Expression by Noncoding RNAs in Cancer	Janowski, Bethany A	The University of Texas Southwestern Medical Center at Dallas	\$631,578.00
RP120316	CBM complex-mediated signaling pathways as potential therapeutic targets for EGFR-induced cancer	Lin, Xin	The University of Texas M.D. Anderson Cancer Center	\$915,974.00
RP120326	In-Situ PET Imaging for Adaptive Proton Therapy	Shao, Yiping	The University of Texas M.D. Anderson Cancer Center	\$1,271,284.00
RP120343	Gli Transcriptional Activity in Basal Cell Carcinomas	Vokes, Steven A	The University of Texas at Austin	\$659,495.00
RP120352	Mechanisms of CRM1-mediated nuclear export in cancer	Chook, Yuh Min	The University of Texas Southwestern Medical Center at Dallas	\$684,209.00
RP120380	Distinct microRNAs Regulate Prostate Cancer Stem Cells	Tang, Dean G	The University of Texas M.D. Anderson Cancer Center	\$750,000.00
RP120390	Control of cross-talk between ovarian cancer cells and the tumor microenvironment	Naora, Honami	The University of Texas M.D. Anderson Cancer Center	\$727,029.00
RP120393	Preclinical Development of Texaphyrin-Platinum Conjugates	Sessler, Jonathan L	The University of Texas at Austin	\$1,275,000.00
RP120394	Molecular Oncogenesis of NANOG in Castration-Resistant Prostate Cancer	Jeter, Collene R	The University of Texas M.D. Anderson Cancer Center	\$664,248.00
RP120406	A New Role for Triptan Drugs in the Treatment of Breast Cancer	Dalby, Kevin N	The University of Texas at Austin	\$1,010,289.00
RP120408	Anti-Cancer Drugs to Treat Cancer Pain	Gutstein, Howard B	The University of Texas M.D. Anderson Cancer Center	\$913,322.00
RP120451	Novel Strategy for Treatment of HER2-Positive Breast Cancer	Claret, Francois X	The University of Texas M.D. Anderson Cancer Center	\$864,748.00
RP120459	Contribution of the BRIGHT transcription factor to autoimmune Diffuse Large B-cell Lymphoma	Tucker, Philip W	The University of Texas at Austin	\$947,367.00

Application ID	Title	Primary Investigator	Entity	Recommended Award*
RP120462	Environmental Determinants of Hepatocellular Carcinoma in South Texas	Pollock, Bradley H	The University of Texas Health Science Center at San Antonio	\$767,107.00
RP120474	Enabling the structure determination of functional human telomerase holoenzyme	Jiang, Qiu-Xing	The University of Texas Southwestern Medical Center at Dallas	\$681,709.00
RP120489	Transporter-Targeted Drug Delivery and Treatment of Brain Metastases of Breast Cancer	Smith, Quentin R	Texas Tech University Health Science Center at Amarillo	\$736,685.00
RP120505	Clinical and molecular characterization of combined BRAF and MEK inhibitor treatment in patients with metastatic melanoma resistant to BRAF inhibitor alone	Davies, Michael A	The University of Texas M.D. Anderson Cancer Center	\$1,016,800.00
RP120558	Development of a Novel High-resolution Photoacoustic Microscopy System for Noninvasive in vivo Imaging of Melanoma	Ye, Jing Yong	The University of Texas at San Antonio	\$698,120.00
RP120583	A New Functional Genomics Approach to Discovering Therapeutic Targets for Breast Cancer	Westbrook, Thomas	Baylor College of Medicine	\$1,102,029.00
RP120588	Targeting the Acidic Tumor Microenvironment with Renal Clearable and pH Responsive Luminescent Gold Nanoparticles	Zheng, Jie	The University of Texas at Dallas	\$1,259,790.00

\*Subject to contract negotiations