

University of Kentucky

Sponsored Project Grants & Contracts Active Project Details

To see the department names, hover over the [College or Unit](#) column header and click the expand icon [+].

College or Unit	Principal Investigator	Sponsor	Budget End	Sponsored Project Title	Current Fiscal Year		Total Awards (\$), Current FY
					Direct (\$)	Indirect (\$)	
College of Medicine	Brainson, Christine	American Cancer Society	12/31/2023	Methionine Metabolism and Lung Cancer Lineage Fate			
		American Institute for Cancer Research	12/31/2023	How Dietary Methionine Influences Lung Cancer Initiation and Chemosensitivity			
		American Lung Association	06/30/2024	Targeting Lung Fibrosis with Epigenetic Therapy	\$75,000	\$0	\$75,000
		Markey Cancer Center Foundation	07/31/2024	Overcoming Therapeutic Resistance in Lung Cancer Using Novel Combination Therapies	\$50,000	\$0	\$50,000
		National Cancer Institute	06/30/2024	Targeting Epigenetic Heterogeneity to Improve Lung Cancer Immunotherapy Response	\$380,335	\$117,203	\$497,538
	Chaiswing, Luksana	National Cancer Institute	03/31/2024	Targeting Mitochondrial Redox Capacity to Overcome Cancer Subtype that Regrowth After Radiation			
	Fan, Whei-Mei	Research Institute at Nationwide Childrens Hospital	01/31/2024	Modulation of Asparagine Bioavailability and Stress Response Signaling to Enhance T Cell Robustness and Max..	\$23,800	\$12,615	\$36,415
	Fong, Ka Wing	National Cancer Institute	06/30/2024	E2F Family Transcription Factors are Directly Regulated by TRIM28 to Promote Castration-Resistance in Prostate Can..			
	Fu, Jian	National Heart Lung and Blood Institute	04/30/2024	HDAC6 Regulation of ICAM-1 Expression and Endothelial Inflammatory Signaling in Sepsis			
		National Institute of Allergy and Infectious Diseases	08/31/2024	HDAC6 Regulation of Myeloid Cell Responses in Sepsis	\$250,000	\$132,500	\$382,500
		National Heart Lung and Blood Institute	04/30/2024	Inflammatory Injury Caused by Silica Exposure			
	Izumi, Tadahide	National Cancer Institute	11/30/2023	A Genomic Locus Associated with Radiation Resistance of Oral Cancer Cells			
	Lane, Andrew	Health Research Incorporated	11/30/2023	Understanding How Adrenergic Signaling Influences Immune Contexture of Tumors and the Efficacy of Checkp..			
		Cincinnati Childrens Hospital Medical Center	11/30/2023	New Activities of the Human DEK Oncogene			
		University of Cincinnati	03/31/2024	Defining Genetic and Metabolic Requirements of Aggressive Breast Cancer (KY SOW)			
		Health Research Incorporated	03/31/2024	Understanding Mechanisms and Consequences of T Cell Co-Receptor Regulated RNA Maturation			
	Li, Zhiguo	National Cancer Institute	06/30/2024	Targeting Polo-Like Kinase 1 in Prostate Cancer to Enhance Therapeutic Efficacy	\$291,063	\$145,259	\$436,322
	Liu, Xiaoqi	National Cancer Institute	06/30/2024	Improving Chemotherapy of Castration-Resistant Prostate Cancer	\$215,533	\$114,232	\$329,765
		National Cancer Institute	06/30/2024	Enhancing the Efficacy of Androgen Signaling Inhibitors in Prostate Cancer	\$293,094	\$155,341	\$448,435
		National Cancer Institute	06/30/2024	Plk1 as a Prognostic Biomarker for Prostate Cancer	\$267,236	\$132,824	\$400,060
		National Cancer Institute	06/30/2024	Overcoming Drug Resistance of Castration-Resistant Prostate Cancer			
		National Cancer Institute	06/30/2024	Targeting the Plk1/Pdcd4/mTORC2 Signaling to Treat Castration-Resistant Prostate Cancer	\$414,699	\$219,790	\$634,489
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	St Clair, Daret	National Cancer Institute	12/31/2023	A Redox-Mediated Mechanism of UVB-Induced Metabolic Switch in Skin Carcinogenesis			
	Tian, Changhai	University of Nebraska	03/31/2024	Nrf2 Regulation of Oxidative Stress in Heart Failure and Extra Vesicular Communication			
	Vanderford, Nathan	American Cancer Society	12/31/2023	Summer Health Experience (SHE) in Oncology Program	\$10,500	\$0	\$10,500
	Wei, Qiou	KY Lung Cancer Research Fund	12/31/2023	Sulfiredoxin-mediated Metabolic Alterations in Non-Small Cell Lung Cancer			
		National Cancer Institute	12/31/2023	Role of Sulfiredoxin in Colorectal Cancer Development			
	Yang, Jinming	National Cancer Institute	11/30/2023	Nucleus Accumbens-Associated Protein-1 in Melanoma Immunotherapy			
	Zaytseva, Yekaterina	National Cancer Institute	03/31/2024	Targeting Lipid Metabolism in Colorectal Cancer			
College or Unit Total					\$2,271,260	\$1,029,764	\$3,301,024
University Total					\$2,271,260	\$1,029,764	\$3,301,024

Source: University of Kentucky, Office of Sponsored Projects Administration (OSPA) Database

Compiled by: University of Kentucky, Office of the Vice President for Research

Data Updated: 8th day of every month at 6:00 AM

Report includes the following variable selections:

Source of Funding: All; College or Unit: College of Medicine; College or Unit Department: Markey Cancer Network & Toxicology and Cancer Biology; Principal Investigator: Brainson, Christine, Chaiswing, Luksana, Fan, Whei-Mei and 12 more; Sponsor: All; Sponsored Project Title Keyword: All

Report Notes:

• Includes projects in "no cost extension" status. That is, active projects that may have not have awarded dollars in the current fiscal year.