

JAMES AND ESTHER KING BIOMEDICAL RESEARCH PROGRAM
Fund Awardees
Fiscal Year 2024-25

Principal Investigator	Application Title	Institution	Mechanism of Support	Tobacco Related Focus	Award Amount
Dionysios C. Watson, MD, PhD	Bacterial extracellular vesicle immunotherapy for treatment-resistant lung cancer	University of Miami	New Investigator Research	Lung Cancer	\$300,000.00
Lizi Wu, PhD	Enhancing Immunotherapy Efficacy in NSCLC through Tumor Antigen-Targeted RNA Nanoparticles	University of Florida	Emerging Therapeutics and Technologies	Lung Cancer	\$600,000.00
Daiqing Liao, PhD	Lipid metabolism in triple-negative breast cancer biology and therapy	University of Florida	Discovery Science	Breast Cancer	\$600,000.00
Maria Zajac-Kaye, PhD	TYMS and Kras: Mechanisms and Therapeutics	University of Florida	Discovery Science	Pancreatic Cancer	\$600,000.00
Christine Vinci, PhD	Smoking Cessation and Alcohol Use among Cancer Survivors: Investigating the Efficacy of a Mindfulness-Based Intervention	H. Lee Moffitt Cancer Center and Research Institute, Inc.	Clinical Trials/Socio-behavioral Interventions	Lung Cancer, Breast Cancer, Prostate Cancer, Colon Cancer, Melanoma, or Other Tobacco-Related Diseases	\$1,498,367.00
Ami Raval, PhD	Electronic cigarette vaping combined with oral contraceptive exposure exacerbates stroke outcomes in female rats	University of Miami	Discovery Science	Stroke, Cerebral Ischemia	\$600,000.00
Alicja Copik, PhD	The role of lncRNA in Natural Killer cell function: Implications for targeted therapies for lung cancer	University of Central Florida	Emerging Therapeutics and Technologies	Lung Cancer, Cardiovascular Disease, Parkinson's Disease	\$600,000.00
Kirstie Francis, PhD	Discovery of marine natural product antagonists of lung cancer immunotherapy target as novel therapies	Mote Marine Laboratory	Emerging Therapeutics and Technologies	Lung Cancer	\$314,642.00
Carlos Moraes, PhD	Mitochondrial Effects of Cigarette Smoking in the Development of Parkinson's Disease	University of Miami	Discovery Science	Lung Cancer, Cardiovascular Disease, Parkinson's Disease	\$600,000.00
Helen Bramlett, PhD	Post-stroke exosome therapy improves cognition in animals exposed to electronic cigarette vaping	University of Miami	Discovery Science	Stroke, Cerebral Ischemia, Age-Related Cognitive Decline	\$600,000.00