

**2017 Cancer League of Colorado
Research Grants**

PRINCIPAL INVESTIGATOR	TITLE OF PROJECT	AMOUNT
David Bentley, PhD	Deregulation of mRNA 3' end formation in breast cancer	\$30,000
Eric Clambey, PhD	High-dimensional analysis of effector T cell mechanisms in lung cancer	\$30,000
James Costello, PhD	Measuring chromosome-conformation abnormalities within a single cancer cell	\$30,000
Kasey Coutts, PhD	Improving targeted therapy in melanomas with BRAF fusions	\$30,000
James DeGregori, PhD	Understanding how smoking alters selection for common oncogenic mutations in the genesis of lung cancer	\$30,000
Heide L. Ford, PhD	Role of Six2 in mediating late stage metastasis	\$30,000
Todd Hankinson, MD, MBA	Comparison of Adult Adamantinomatous Craniopharyngioma Gene Expression with Known Pediatric Gene Expression	\$27,976
Britta Jacobsen, PhD	Examining the role of c-Kit in metastasis of Invasive Lobular Breast Cancer	\$30,000
Paul Jedlicka, MD, PhD	The epigenetic modifiers PHF2 and PhF8 in Ewing Sarcoma	\$30,000
Sana Karam, MD, PhD	Enhancing the Effects of Immune Checkpoint Blockade with Radiation Therapy in Head and Neck Cancer	\$30,000
Hyunmin Kim, PhD	Systematic Alternative Splicing Analysis for Transcriptomic Misregulation in Cancer	\$30,000
Daniel V. LaBarbera, PhD and Wells A. Messersmith, MD	Patient Derived Tumor Organoids for Personalized and Targeted Colorectal Cancer Therapeutics	\$60,000
Jung-Jae Lee, PhD	Storable, Thermally Activated, Self-Illuminating Nanoparticles Optical Imaging of Cancer	\$29,835
Changwei Liu, PhD	Validating USP35 as an anticancer drug target	\$30,000
Traci R. Lyons, PhD and Beth Taburini, PhD	Evaluating the role of pro-lymphangiogenic factor Sem7a in dampening anti-tumor immunity	\$60,000
Rebecca Schweppe, PhD	Targeting FAK and Src in Thyroid Cancer	\$30,000

Matthew J. Sikora, PhD	Exploiting apoptotic vulnerability in anti-estrogen response and resistance in invasive lobular carcinoma	\$30,000
Jenna Sopfe, MD	Evaluation of Malglycemia via Continuous Glucose monitoring in the Pediatric Hematopoietic Stem Cell Transplant Population	\$29,961
John Tentler, PhD	Cancer Research Summer Fellowship Program	\$30,000
Darinee Tippimanchai, PhD	Targeting IL17 in Kras mutant lung cancer	\$30,000
Dan Theodorescu, MD, PhD	Whole genome knockout screening to identify novel TERT regulators with prognostic relevance in bladder cancer patients	\$30,000
Jing H. Wang, MD, PhD	Elucidate novel mechanisms of chemotherapy agent-treated lymphomas to activate immune responses	\$30,000
Amanda C. Winters, MD, PhD	Validating CD123 as a Leukemia Stem Cell Marker and Therapeutic Target in Pediatric AML	\$30,000
	TOTAL	\$747,772