

**2018 Cancer League of Colorado
Research Grants**

<u>PRINCIPAL INVESTIGATOR</u>	<u>TITLE OF PROJECT</u>	<u>AMOUNT</u>
Benjamin Bitler, PhD	Investigating the mechanisms of EHMT1/2-dependent PARP inhibitor resistance	\$ 30,000
Zhangguo Chen, PhD	Elucidating mechanisms by which a newly developed HDAC inhibitor sensitizes B cell lymphomas to PD-1 therapy	\$ 30,000
Mair E.A. Churchill, PhD	Inhibition of Chromatin Assembly Factor 1 B to Reverse Leukemogenesis	\$ 30,000
Maria Jose Contreras, PhD	Mechanisms of TDM1/radiation-induced toxicity in brain metastases	\$ 30,000
Scott Cramer, PhD and James Costello, PhD	Targeting the Achilles heel of prostate cancer with loss of CHD1 and MAP3K7	\$ 60,000
Nathan Dahl, MD	Oncogenic Role of the Super Elongation Complex in H3K27M-mutant Diffuse Midline Glioma	\$ 30,000
Jennifer DeLuca, PhD	Targeting Kinetochores Dysfunction in Cancer Cells	\$ 30,000
Nicholas Forman, MD	Characterization of heterogeneous tumor subpopulations in childhood ependymoma	\$ 30,000
Jennifer Hintzsche, PhD	Patient-centric Multi-Omics Approach to Identifying Actionable Therapeutics in Cancer	\$ 30,000
Courtney Jones, PhD	Targeting relapse leukemia stem cells through inhibition of NAD synthesis	\$ 30,000
Adwitiya Kar, PhD and Margaret Wierman, MD	Targeting Maternal Embryonic Leucine Zipper Kinase (MELK) in the first pre-clinical models of Adrenocortical Carcinoma	\$ 30,000
Katja Kiseljak-Vassiliades, DO and Kimberly Jordan, PhD	Potentiating anti-PD1 Immunotherapy with Mitotane in Adrenocortical Carcinoma	\$ 60,000
Jessica Lake, MD, MPH	IPS-derived, CAR-expressing Natural Killer Cells Targeting EGFR on Pediatric Sarcomas	\$ 30,000
Christopher Lieu, MD and Todd Pitts, MD	Investigating the role of MEK and non-canonical Wnt inhibition in altering the immune microenvironment in metastatic colorectal cancer	\$ 60,000

Martin McCarter, MD	Improving immune checkpoint inhibitor efficacy by targeting myeloid-derived suppressor cell function	\$ 30,000
David Ryan Ormond MD	Diffusion tensor image tractography in surgical resection of glioblastoma resection and surgical safety	\$ 30,000
Rebecca Schweppe, PhD	Cooperative Src and MAP Kinase Signaling in Thyroid Cancer	\$ 30,000
Jill Slansky PhD	Functional activation of low-affinity T cells in the tumor	\$ 30,000
John Tentler, PhD	Cancer Research Summer Fellowship Program	\$ 30,000
David Thomas, PhD and Mark Borden, PhD	X-Ray Acoustic Computed Tomography Guided Adaptive Radiotherapy	\$ 30,000
Raul M. Torres, PhD	Suppression of human CD8 T cell antigen receptor signaling and cytotoxic activity by lysophosphatidic acid	\$ 30,000
Linda Van Dyk, PhD	Role of CDK4 and CDK6 in gammaherpesvirus oncogenesis	\$ 30,000
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		<u>\$ 750,000</u>