

New American Cancer Society Research Grants

Awards Announced in Spring 2026



New grants announced during the spring of 2026 can be found below, organized by grant mechanism. All of the applications for the below awards were received as part of the Summer 2025 or Fall 2024 application cycles. Additional information about all of the current research grants funded by the American Cancer Society can be found using our [Extramural Research Grants Database](https://cancer.org/research/currently-funded-cancer-research.html) which can be accessed at cancer.org/research/currently-funded-cancer-research.html.

ACS Accelerator Awards

Note: ACS Accelerator grant applications are reviewed on a rolling basis. The grants listed here were reviewed between July 2025 and January 2026.

Nigus Ambaye, Ph.D.

University of Maryland School of Medicine

“Perforalytics: A First-in-Class Therapeutic Modality for Eliminating Refractory Tumors”

Hareesh Babu Bhaskaran Nair, Ph.D.

Texas Tech University Health Sciences Center at El Paso

“First-in-Class MDK Inhibitor HBS-101: TNBC De-Risking and IND Path”

Rolf Brekken, Ph.D.

University of Texas Southwestern Medical Center

“Betabody-mediated targeting of phosphatidylserine in peritoneal metastasis”

Pradeep Chaluvally-Raghavan, Ph.D.

Medical College of Wisconsin

“OSMR Antibody Drug Conjugate Development for Gynecological and Gastro-Intestinal Cancer Therapy”

Ronald DePinho, M.D.

University of Texas MD Anderson Cancer Center

“Prevention of Chemotherapy-induced Neuronal Injury”

Gloria Echeverria, Ph.D.

Baylor College of Medicine

“De-risking a first-in-class inhibitor of mitochondrial transcription for commercialization to move towards the TNBC clinic”

Deyu Fang, Ph.D.

Northwestern University – Chicago Campus

“USP22-specific inhibitor with Onco-targeting and immunotherapeutic efficacy in TNBC treatment”

Daniel Frigo, Ph.D.

University of Texas MD Anderson Cancer Center

“Development of a clinical-grade CAMKK2 inhibitor for the treatment of cancer”

Jeremiah Gassensmith, Ph.D.

University of Texas at Dallas

“Reactivating Innate Immunity in cGAS-Deficient HER2+ Ovarian Tumors Using a Virus-Like Particle-Based cGAS De-livery Platform”

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Jian Hu, Ph.D.

University of Texas MD Anderson Cancer Center

“Establishing the Tissue Distribution and Excretion Profile of novel PPAR γ Agonist S2-11”

Gang Huang, Ph.D.

University of Texas Health Science Center at San Antonio

“Preclinical Derisking of PH102: An Immune Triad Therapy with Armed CAR T-cell Supercharger (IT-ACTS) for HCC”

Jean Jiang, Ph.D.

University of Texas Health Science Center at San Antonio

“Development of a novel inverse agonist of adenosine A2 receptor for metastatic cancer treatment”

Martin Matzuk, M.D., Ph.D.

Baylor College of Medicine

“Endometriosis-Directed Small-Molecule Therapeutics for Disease Modification and Cancer Prevention”

Steven Millward, Ph.D.

University of Texas MD Anderson Cancer Center

“Development of a Systemic PD-L1 Radiotherapeutic”

Aleksander Popel, Ph.D.

Johns Hopkins University School of Medicine

“Novel oncolytic peptide for ovarian cancer with peritoneal metastasis”

Manjeet Rao, Ph.D.

University of Texas Health Science Center at San Antonio

“SCUBE3 Antibody Therapy to Disrupt Oncogenic Networks in Aggressive Cancers”

Debabrata Saha, Ph.D.

University of Texas Southwestern Medical Center

“Radiation-Induced MICA Expression as a Sensitizer to CD3 \times MICA Bispecific Therapy”

Brandon Smaglo, M.D.

University of Texas MD Anderson Cancer Center

“Transcutaneous Vagal Neuromodulation for Treatment of Cancer-Associated Cachexia in Pancreatic Cancer”

Uttam Tambar, Ph.D.

University of Texas Southwestern Medical Center

“Targeted Degradation as First-In-Class Treatment to Address Drug Resistance in Metastatic Castration-Resistant Prostate Cancer”

Xiao Zhao, M.D.

University of Texas MD Anderson Cancer Center

“Development of Novel Brush Biopsy Technology for Efficient DNA Collection and Genomic Analysis of Oral Premalignant Lesions”

Additional information about the Accelerator grant mechanism can be found [here](#).

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Cancer Health Research Center (CHERC) Awards

University of Rochester

Center for LGBTQ+ Equity Research in Cancer (CLERC)

Principal Investigator: Charles Kamen, Ph.D.

Wayne State University

The Center for Cancer Health Equity and Digital Inclusion (CCHEDI)

Principal Investigator: Hayley Thompson, Ph.D.

Additional information about the CHERC mechanism can be found [here](#).

Clinician Scientist Development Grants (CSDGs)

Ana De Roo, M.D., M.Sc.

University of Wisconsin-Madison

“Promoting Patient-Centered Communication for De-Escalation of Locally Advanced Rectal Cancer Treatment”

Walter Hanel, M.D., Ph.D.

The Ohio State University

“Elucidating the role of PRMT5 in Cutaneous T-cell Lymphoma”

Stephen Lo, Ph.D.

Massachusetts General Hospital

“A stepped psychological intervention for coping with dyspnea in patients with lung cancer”

Benjamin Lu, Ph.D.

Yale University

“Effects of anti-TIGIT and anti-PD-1 on regulatory T cells and cancer cells in human glioblastoma”

Julia McGuinness, M.D.

Columbia University Irving Medical Center

“Novel mammography-based biomarkers of response to adjuvant therapies among women with early-stage breast cancer”

Karly Murphy, M.D.

University of California, San Francisco

“Implementation of a communication and linkage intervention to improve the breast cancer screening cascade among women with serious mental illness”

Jacob Orme, M.D., Ph.D.

Mayo Clinic - Rochester

“Solving Immunotherapy and ADC Resistance in Bladder Cancer”

Bo Qiu, M.D., Ph.D.

University of California, San Francisco

“Targeting oncogenic N-myc complexes in high-risk pediatric neural cancers”

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Jennifer Sheng, M.D.

Johns Hopkins University School of Medicine

“Prognostic Biomarkers of Weight Loss in Breast Cancer Survivors with Obesity”

Ben Strickland, M.D.

Medical University of South Carolina

“Targeting the C5a Receptor to Reprogram Tumor Macrophages in Glioblastoma”

William Tabayoyong, M.D.

University of Rochester

“Enfortumab vedotin and pembrolizumab plus radiation for bladder cancer”

Elise Tarbi, Ph.D.

University of Vermont and State Agricultural College

“Advancing a basic science of telehealth cancer communication”

Timothy Yen, M.D.

Loma Linda University

“Establishing risk factors for and lifetime cumulative risks of cancer in Lynch syndrome”

Additional information about the CSDG grant mechanism can be found [here](#).

ACS and Flatiron Clinical Trials Technology Research Impact Award (CTTRIA)

Judy Zhong, Ph.D.

Weill Medical College of Cornell University

“FLOW - Flatiron Clinical Pipe(TM) for Optimized Workflow for Cancer Clinical Trials”

Additional information about the Flatiron CTTRIA RFA can be found [here](#).

Discovery Boost Grants (DBGs)

Aarti Asnani, M.D.

Beth Israel Deaconess Medical Center

“Cardiovascular Consequences of Targeting Estrogen Receptor Signaling in Breast Cancer”

Kevin Barry, Ph.D.

Fred Hutchinson Cancer Center

“Regulation of dendritic cell phenotype and functions in melanoma”

Frances Carr, Ph.D.

University of Vermont and State Agricultural College

“A Novel Approach to Targeting ESR1 Mutant Breast Cancer with TRÄY-Selective Agonism”

David Feliciano, Ph.D.

Clemson University

“Neuron Control of Tumor Growth”

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Xiaoqing Gao, Ph.D.

Leland Stanford Junior University

“Ablating Myc-Driven Cancer Using Programmable RNA Sensors”

Salil Garg, M.D., Ph.D.

Yale University

“Clonal heterogeneity as a driver of lung cancer growth”

Sergei Grivennikov, Ph.D.

Cedars-Sinai Medical Center

“Sex dependent differences in anti-tumor immunity in colorectal cancer liver metastasis”

Diana Hargreaves, Ph.D.

Salk Institute for Biological Studies

“Dissecting the role of cGAMP-STING Signaling in ARID1A Mutant Immunotherapy Response”

Michelle Hildebrandt, Ph.D.

University of Texas MD Anderson Cancer Center

“GEM Study (Genetica y Epidemiologia del Myeloma Study): Investigating diversity in myeloma risk, clinical attributes, and outcomes”

Michelle Kim, M.D.

Cleveland Clinic Foundation

“Developing a Gastric Cancer Prediction Model Using Electronic Health Data”

Carla Kim, Ph.D.

Boston Children’s Hospital

“Cellular States in Early-Stage Lung Cancer”

Jianmei Leavenworth, Ph.D.

University of Alabama at Birmingham

“Oncolytic Modulation of DC-CD4+ T-cell Crosstalk Drives Glioblastoma Therapy”

Yan Li, M.D., Ph.D.

University of California, San Francisco

“Investigating the feasibility of using deuterium metabolic imaging to monitor patients with glioblastoma”

Kah Poh (Melissa) Loh, M.B.B.Ch., BAO

University of Rochester Medical Center, Wilmot Cancer Center

“A pilot randomized controlled trial of a social network intervention for older adults with advanced cancer”

Rui Lu, Ph.D.

University of Alabama at Birmingham

“Deciphering and Targeting Non-canonical Menin Targets in Acute Myeloid Leukemia”

Hua Lu, M.D., Ph.D.

Tulane University Health Sciences Center

“Targeting VCP-Dependent Stabilization of Mutant p53 in Pancreatic Cancer”

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Nima Mosammaparast, M.D., Ph.D.

Washington University in St. Louis

“Targeting c-Myc transcriptional stress in cancer”

Shreyas Rao, Ph.D.

University of Alabama

“A microfluidic blood brain tumor barrier platform incorporating immune cell trafficking to study immune regulation of brain metastasis”

Jose Rizo-Rey, Ph.D.

University of Texas Southwestern Medical Center

“Galvanizing exocytosis for improved cancer immunotherapy”

Nilay Sethi, M.D., Ph.D.

Dana-Farber Cancer Institute

“Paralyzing plasticity: Developing a SOX9 inhibitor for colorectal cancer treatment”

Victor Tkachev, Ph.D.

Massachusetts General Hospital

“Role of the GI Tract in Orchestrating aGVHD and GVL Response after Allogeneic Hematopoietic Stem Cell Transplantation”

Emily Williams, Ph.D.

University of Washington

“Adaptation and Pilot Testing of an Avatar-Delivered Alcohol Reduction Intervention for Women at Risk for Incidence and Recurrence of Breast Cancer”

Jeremy Wilusz, Ph.D.

Baylor College of Medicine

“Decoding MALAT1 RNA processing to identify novel strategies to inhibit cancer spread”

Scot Wolfe, Ph.D.

University of Massachusetts Medical School

“Selective targeting of genome amplifications by CRISPR-Cas9 nickases to promote cancer cell death”

Tingting Yao, Ph.D.

Colorado State University

“Function of BRCA1/BARD1-mediated histone ubiquitylation”

Hui Zong, Ph.D.

University of Virginia

“Tipping point at the onset of malignant glioma”

Additional information about the Discovery Boost Grant mechanism can be found [here](#).

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Institutional Research Grants (IRGs)

New IRGs:

George Washington University

Principal Investigator: Edward Seto, Ph.D.

Oregon Health & Science University

Principal Investigator: Melissa Wong, Ph.D.

University of Washington

Principal Investigator: Margaret Hannon, Ph.D.

Renewed IRGs:

Case Western Reserve University

Principal Investigator: Keri Ruth, Ph.D.

H. Lee Moffitt Cancer Center & Research Institute, Inc.

Principal Investigator: Kenneth Wright, Ph.D.

Indiana University

Principal Investigator: Karen E. Pollok, Ph.D.

Miller School of Medicine, University of Miami

Principal Investigator: Alan Pollack, M.D., Ph.D.

Northwestern University – Chicago Campus

Principal Investigator: Leonidas Plataniias, M.D., Ph.D.

University of Colorado Denver, AMC and DC

Principal Investigator: Traci Lyons, Ph.D.

University of Minnesota – Twin Cities

Principal Investigator: Irina Stepanov, Ph.D.

University of Pennsylvania

Principal Investigator: Katherine Nathanson, M.D.

Vanderbilt University Medical Center

Principal Investigator: David Cortez, Ph.D.

Additional information about the IRG mechanism can be found [here](#).

ACS IMPACT – Prostate Cancer Clinical Trials Expansion Grants (PCEGs)

Edouard Trabulsi, M.D.

Albert Einstein Healthcare Network

“Enhancing Prostate Cancer Trials in North Philadelphia at Jefferson Einstein Medical Center, Community Site of Sidney Kimmel Comprehensive Cancer Ctr”

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Additional information about the PCEG mechanism can be found [here](#). This RFA was part of the larger, ongoing ACS IMPACT initiative.

Leukemia Exploration and Prevention (LEAP) Awards

Note: The only LEAP award funded in this cycle was a Team award.

LEAP-Team Award: Oregon Health & Science University

“Investigating clinical efficacy and mechanism of low-dose sirolimus as an early intervention strategy for RUNX1-FPD patients”

Principal Investigator: Anupriya Agarwal, Ph.D.

The LEAP award mechanism is a partnership between ACS and the RUNX1 Research Program to enable the discovery of cancer interception or prevention therapies for RUNX1 familial platelet disorder (RUNX1-FPD). Additional information about the LEAP mechanism can be found [here](#).

Mission Boost Grants (MBGs)

Note: The only Mission Boost grants awarded during this cycle were Stage I grants.

Christian Capitini, M.D

University of Wisconsin-Madison

Mission Boost Stage I Grant

“Immune checkpoint inhibition of NK cells as therapy for pediatric solid tumors”

Siva Kolluri, Ph.D.

Oregon State University

Mission Boost Stage I Grant

“SMAhRTs as Targeted Anti-Triple Negative Breast Cancer Therapeutics”

Jason Sheltzer, Ph.D.

Yale University

Mission Boost Stage I Grant

“A clinical compound that selectively eliminates drug-resistant ovarian cancers”

Daolin Tang, M.D., Ph.D.

University of Texas Southwestern Medical Center

Mission Boost Stage I Grant

“Establishment of a combination regimen of N6F11 and FOLFIRINOX for the treatment of pancreatic ductal adenocarcinoma”

Monica Venere, Ph.D.

The Ohio State University

Mission Boost Stage I Grant

“Optimizing Threonine Tyrosine Kinase (TTK) inhibitors for the treatment of glioblastoma”

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Amanda Winters, M.D., Ph.D.

University of Colorado Denver, AMC and DC

Mission Boost Stage I Grant

“Use of Next Generation Sequencing-Based MRD (Duplex NGS MRD) for Defining Post-HSCT AML Relapse in Pediatric and AYA Patients”

Additional information about the Mission Boost Grant mechanism can be found [here](#).

Postdoctoral Fellowships

Nada Aboeella, Ph.D.

University of Chicago

“Targeting the BCL-2 Family to Reprogram T Cells and Enhance CAR T Therapy Efficacy”

Katherine Ankenbauer, Ph.D.

Vanderbilt University

“Osteopontin promotes epithelial plasticity in pancreatic tumorigenesis”

Ariana Aquino, Ph.D.

Henry Ford Health System

“The Role of GABA in PDAC immunosuppression”

Debadrita Bhattacharya, Ph.D.

Leland Stanford Junior University

“Investigating the drivers of intra-tumoral heterogeneity in small cell lung cancer”

Kelsey Day, Ph.D.

University of Virginia

“Move with Us: A Multilevel, Faith-based Intervention to Promote Rural Physical Activity and Cancer Prevention”

Salvatore Ficarra, Ph.D.

Dana-Farber Cancer Institute

“Does a multicomponent exercise program affect balance among endometrial and ovarian cancer patients undergoing adjuvant chemotherapy?”

Jason Jones, Ph.D.

University of Minnesota – Twin Cities

“Aurora A-Mediated Stabilization of c-MYC: Structural and Allosteric Mechanisms Regulating Ubiquitination”

Elmira Khabusheva, Ph.D.

Baylor College of Medicine

“Mutant DNMT3A and NPM1c cooperation in AML”

Qingxiang Lin, Ph.D.

Massachusetts General Hospital

“Defining the Mechanisms of Resistance to Mutant-selective KRAS Inhibitors in KRAS-mutant Pancreatic Cancer”

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Chiara Masnovo, Ph.D.

Dana-Farber Cancer Institute

“Defining the DNA Repair Independent Mitotic Role of 53BP1”

Yuki Matsunaga, M.D., Ph.D.

University of Texas Southwestern Medical Center

“Tracking the evolution of resistance to CDK4/6 inhibitors in hormone receptor positive breast cancer”

Brandon Murphy, Ph.D.

University of Utah

“Investigating the mechanisms that sustain drug-tolerant persister cells in BRAF-mutant lung cancer”

Prakash Priyadarshi Praharaj, Ph.D.

University of Texas Southwestern Medical Center

“Illuminating the Role and Regulation of NAD⁺ Kinase in Melanoma Metastasis”

Miguel Quijada-Alamo, Ph.D.

Icahn School of Medicine at Mount Sinai

“Dissecting Pre-Leukemic Evolution of Ph⁺ B-cell Acute Lymphoblastic Leukemia across Development”

Zeba Rizvi, Ph.D.

Scripps Research Institute – La Jolla

“Defining the molecular mechanisms of cereblon-mediated protein degradation”

Lingjie Sang, Ph.D.

University of Texas Southwestern Medical Center

“Targeting lysosomal lipid acquisition to suppress cancer progression”

Chinmay Sankhe, Ph.D.

Research Institute at Nationwide Children’s Hospital

“Elucidating the tumorigenic mechanisms of NCOA2-based fusion oncogenes in infantile rhabdomyosarcoma”

Shagun Sharma, Ph.D.

Emory University

“Investigating differential ferroptosis sensitivity in collectively invading NSCLC”

Cristina Simo, Ph.D.

Washington University in St. Louis

“Enhancing T-DXd delivery in Pancreatic Tumors with Antibody Click Chemistry”

Ashutosh Singh, Ph.D.

University of Texas MD Anderson Cancer Center

“Study of VHL tumor suppressor in medulloblastoma”

Chad Stein, Ph.D.

University of California, Berkeley

“Co-option of the Host Gene Expression Machinery by an Oncogenic Herpesvirus Transcription Complex”

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Katherine Surridge, Ph.D.

Weill Medical College of Cornell University

“Uncovering the molecular mechanisms of LRRK2 regulation in the inflammatory response”

Hao-Che Wang, Ph.D.

Columbia University

“Molecular Mechanisms of Werner Helicase-Mediated DNA End Processing in Homologous Recombination and Microsatellite Instability Cancers”

Cody Wolf, Ph.D.

University of Virginia

“Examining Cell Surface Plectin as an Immunomodulator and Novel Therapeutic Target for Pancreatic Cancer”

Jiayi Xie, Ph.D.

Leland Stanford Junior University

“Uncovering microbial regulation of chimeric antigen receptor T cells”

Yusi (Aveva) Xu, Ph.D.

University of Texas MD Anderson Cancer Center

“Adaptive Emotional Support in Expressive Writing for Chinese Cancer Survivors”

Additional information about the Postdoctoral Fellowship mechanism can be found [here](#).

Research Scholar Grants (RSGs)

Kathryn Barry, Ph.D.

University of Maryland, Baltimore

“Neighborhood disadvantage, race, prostate tumor RNA expression of stress-related genes, and tumor aggressiveness”

Brian Capell, M.D., Ph.D.

University of Pennsylvania

“LSD1 inhibition for the prevention and treatment of skin cancer”

Xianjin Dai, Ph.D.

Leland Stanford Junior University

“Intraoperative Imaging-Guided Tumor-targeted Focal Boost HDR Brachytherapy for Prostate Cancer”

William Dalton, M.D., Ph.D.

Johns Hopkins University School of Medicine

“Defining and targeting serine auxotrophy in acute myeloid leukemia”

Bruno Di Stefano, Ph.D.

Baylor College of Medicine

“Targeting a post-transcriptional regulatory node in myeloid leukemia”

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Stephanie Dixon, M.D.

St. Jude's Children's Research Hospital

"HEALED: Improving Survivors cardiometabolic Health in Adolescents using Phentermine and Topiramate for Obesity"

Shannon Elf, Ph.D.

University of Utah

"Dissecting the mechanisms underlying fibrocyte differentiation and fate in myelofibrosis"

Bishoy Faltas, M.D.

Weill Medical College of Cornell University

"Germline-somatic interactions as drivers and therapeutic targets in bladder cancer"

Ka-wing Fong, Ph.D.

University of Kentucky

"The Role of SETDB1 in Prostate Cancer"

Elise Fouquerel, Ph.D.

University of Pittsburgh

"PARP2 in the response of cancer cells to replication stress"

Gregory Gan, M.D., Ph.D.

University of Kansas Medical Center Research Institute

"Understanding the role of MK2 in cancer migration-invasion in locally advanced head and neck cancer"

Homa Ghalei, Ph.D.

Emory University

"Understanding the role of snoRNAs and snoRNA-guided modifications in lung cancer"

Keren Hilgendorf, Ph.D.

University of Utah

"The role of adipocyte-secreted paracrine factors in obesity-accelerated breast cancer"

Amy Hont, M.D.

Children's Research Institute (CNMC)

"Optimizing Immunotherapy for Enhanced Anti-tumor Activity in Pediatric Solid Tumors"

Xin Hu, Ph.D.

Emory University

"Housing and Healthcare: Federal Assistance and Palliative and End-of-Life Care in Advanced Cancer"

Enfu Hui, Ph.D.

University of California, San Diego

"CD8+ T-cell-intrinsic CTLA4 function and CTLA4-PDL1 crosstalk in tumor immunity due to cis-interactions"

Joshi Purna, Ph.D.

University of Texas at Dallas

"Obesity-driven Adipocyte Progenitor Fate and Function in Postmenopausal Mammary Cancer"

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Yoon A. Kang, Ph.D.

Washington University in St. Louis

“Rebalancing lineage biased multipotent progenitor production to treat myeloproliferative neoplasms”

Xia Liu, Ph.D.

University of Kentucky

“p38d in tumor-associated "emergency" granulopoiesis and immunosuppression”

David Long, Ph.D.

Medical University of South Carolina

“How defects in BRD4 displacement drive genomic instability in ovarian cancer”

Brandon Mahal, M.D.

Miller School of Medicine of the University of Miami

“Developing a Targeted Community-Based Precision PSA Screening and Cohort Registry to Address Prostate Cancer Disparities”

Kate Markey, Ph.D.

Fred Hutchinson Cancer Center

“Microbe-derived short-chain fatty acids regulate chronic GVHD by controlling B cell development”

Ksenia Matlawska-Wasowska, Ph.D.

University of Alabama at Birmingham

“Molecular Regulation and Targeting of T-ALL Infiltration into the CNS”

Aaron Mitchell, M.D., M.P.H.

Sloan-Kettering Institute for Cancer Research

“Real World Outcomes and Financial Cost of Radionuclide Therapy for Prostate Cancer”

Patricia Moreno, Ph.D.

Miller School of Medicine of the University of Miami

“Acceptance and Commitment Therapy to Optimize Quality of Life among Spanish-speaking Latina Women Living with Metastatic Breast Cancer”

Matthew Oser, M.D., Ph.D.

Dana-Farber Cancer Institute

“Inactivation or Hyperactivation of the Neuroendocrine Lineage Oncoprotein ASCL1 as a Therapeutic Strategy for Small Cell Lung Cancer”

Elyse Park, Ph.D.

Massachusetts General Hospital

“HEALED -The SurvChat Space Digital Mind-Body Group Intervention to Promote Wellness Among Teen Survivors”

Nathan Parker, Ph.D.

H. Lee Moffitt Cancer Center & Research Institute

“HEALED: Evaluating the effects of the community-based Project Rally pickleball program on cancer survivors' functional capacity and quality of life”

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Gabriele Romano, Ph.D.

Drexel University

“Immune Profiling and Therapeutic Interventions in PLWH with Cutaneous Melanoma”

Manolis Roulis, Ph.D.

University of Pennsylvania

“A mesenchymal checkpoint of intestinal tumorigenesis”

Shaheen Sikandar, Ph.D.

University of California, Santa Cruz

“Elucidating the Role of KRT6A/IL33+ Hybrid Cells in Breast Tumor Initiation”

Panneerdoss Subbarayalu, Ph.D.

University of Texas Health Science Center at San Antonio

“Novel targeted therapy for treating osteosarcoma with lung metastasis”

Trang VoPham, Ph.D.

Fred Hutchinson Cancer Center

“Solar Jetlag and Health Disparities in Liver Cancer”

Ping Yi, Ph.D.

University of Houston

“Elucidating the Impact of E3 Ubiquitin Ligase TRAF4 in Lung Carcinogenesis”

Yang Yi, Ph.D.

Northwestern University – Chicago Campus

“The interplay between EZH2 and m6A RNA methylation in CRPC”

Xiaoyang Zhang, Ph.D.

University of Utah

“Investigating and targeting an aggressive variant of squamous cell carcinoma”

Additional information about the Research Scholar Grant mechanism can be found [here](#).

TheoryLab Collaborative (TLC) Grants

Note: TLC grants are co-awarded to two PIs for a single collaborative project.

Grant Challen, Ph.D.

Washington University in St. Louis

Robert Signer, Ph.D.

University of California, San Diego

“Enhancing Translation Fidelity to Prevent Myelofibrosis”

Nancy Gillis, Ph.D., Pharm.D.

H. Lee Moffitt Cancer Center & Research Institute

Jeffrey West, Ph.D.

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H. Lee Moffitt Cancer Center & Research Institute

“Assessing the role of stochastic fluctuations on the screening protocols for cancer patients with clonal hematopoiesis”

Additional information about TheoryLab Collaborative Grants can be found [here](#).

Yosemite-ACS Awards

Carolyn Bertozzi, Ph.D.

Leland Stanford Junior University

“A Lysosomally-Targeted Antibody-Drug Conjugate for the Treatment of Renal Cell Carcinoma”

Jennifer Doudna, Ph.D.

University of California, Berkeley

“Using Cas12a2 for targeted tumor elimination”

Stephen Elledge, Ph.D.

Brigham and Women’s Hospital, Inc.

“Developing better cancer vaccines and the discovery of dark proteome epitopes in cancer cells.”

Michael Elowitz, Ph.D.

California Institute of Technology

“Engineered Protein Circuits for Cancer Therapy”

William Freed-Pastor, M.D., Ph.D.

Dana-Farber Cancer Institute

“Catalyzing cryptic antigen-directed vaccines for pancreatic cancer”

Possu Huang, Ph.D.

Leland Stanford Junior University

“Novel immunotherapy targeting KRAS mutants”

William Kaelin, Ph.D.

Dana-Farber Cancer Institute

“Endogenous Retroviruses as Emerging Targets for Cancer Vaccines”

Michael Kharas, Ph.D.

Sloan-Kettering Institute for Cancer Research

“Multitargeting of cancer and T regs using Novel Degradable Antibody Conjugates”

Mark Lee, M.D., Ph.D.

Yale University

“Validation of non-canonical tumor antigens as natural targets of intra-tumoral immunity”

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Alexander Marson, M.D., Ph.D.

University of California, San Francisco

“Comprehensive Atlas of Cancer Antigen Immunogenicity for Rational Vaccine Design”

Funda Meric-Bernstam, M.D.

University of Texas MD Anderson Cancer Center

“Investigating mechanisms of trastuzumab resistance in pan-cancer PDXs”

William Sellers, M.D.

Broad Institute

“Surfaceome Target Discovery for Next-Generation Therapies in Biliary Tract Cancers”

Jamie Spangler, Ph.D.

Johns Hopkins University School of Medicine

“Engineering multispecific downregulating antibodies to empower immunotherapeutic antibody-drug conjugates”

Alexander Stegh, Ph.D.

Washington University School of Medicine in St. Louis

“Engineering glycolipid-based Spherical Nucleic Acids as a cancer vaccine platform”

Eric Thompson, M.D.

Washington University in St. Louis

“Unraveling NK cell-mediated immunogenicity of a peptide vaccine targeting CMV antigens in high-grade glioma”

James A. Wells, Ph.D.

University of California, San Francisco

“Hijacking Extracellular Targeted Protein Degradation for Antibody-Drug Conjugate Payload Delivery”

Catherine Wu, M.D.

Dana-Farber Cancer Institute

“Direct identification and prioritization of shared noncanonical tumor-specific antigens to generate effective off-the-shelf cancer vaccines”

Kai Wucherpfennig, M.D., Ph.D.

Dana-Farber Cancer Institute

“Strategy to Enhance Tumor Infiltration by Vaccine-induced T cells”

Xin Zhou, Ph.D.

Dana-Farber Cancer Institute

“Potentiating antibody-drug conjugate activity by controlled co-engagement with internalizing receptor”

More information about the Yosemite-ACS Awards and the partnership with Yosemite supporting these awards can be found [here](#).