

New

_____ which can be accessed at cancer.org/research/currently-funded-cancer-research.html.

EDS Accelerator Awards

Todd Aguilera, M.D.

University of Texas Southwestern Medical Center

Customizable hyperbaric oxygen chamber to deliver adjuvant treatments in triple-negative breast cancer models

University of Texas at Dallas

Customizable hyperbaric oxygen chamber to deliver adjuvant treatments in triple-negative breast cancer models

Carolyn Lee, MD, Ph.D.

Leland Stanford Junior University

A novel topical formulation of pralsetinib for skin cancer prevention

Zachary Lewis, Ph.D.

University of Georgia

DectiSomes: Dectin-targeted anticancer liposomes

Mo Motamedi, Ph.D.

Massachusetts General Hospital

Exploiting epigenetic plasticity to overcome chemotherapy resistance in triple negative breast cancer

Xiaoyang Wu, Ph.D.

University of Chicago

Development of a novel drug delivery platform for cancer chemotherapy

cancer

Kathleen DelGiorno, Ph.D.

Vanderbilt University

Modulating eicosanoid signaling for the prevention and treatment of pancreatic cancer

New American Cancer Society Research Grants

Fall 2024 Awards



Hypoxia induces a state of immunogenic dormancy in cancer cells

Yuchen Qiu, Ph.D.

University of Oklahoma

Development of a deep learning enhanced Fourier ptychography microscopic scanner to improve efficiency for on-site sample adequacy evaluation

Ryan Stowers, Ph.D.

University of California, Santa Barbara

The role of tumor microenvironment mechanics in driving epigenomic remodeling to promote malignant progression and metastasis

Jianjun Wu, Ph.D.

Cleveland Clinic Foundation

T cell intrinsic STING signaling in antitumor immunity

Sihan Wu, Ph.D.

University of Texas Southwestern Medical Center

Unbiased exploration of extrachromosomal DNA damage response pathway in cancer

Nan Zhu, Ph.D.

J. Craig Venter Institute

Targeting SWI/SNF chromatin remodeling subcomplexes in acute myeloid leukemia

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

Cancer Health Equity Research Center (CHERC) Awards

Icahn School of Medicine at Mount Sinai

Principal Investigator: Cardinale Smith, M.D.

University of Oklahoma Health Sciences Center

Principal Investigator: Darla Kendzor, Ph.D.

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

Clinician Scientist Development Grants (CSDGs) and ACS - ASTRO CSDGs

Zeba Ahmad, Ph.D.

Massachusetts General Hospital

Adaptation and refinement of a psychosocial intervention to reduce post-traumatic stress in young adult cancer survivors

Joal Beane, M.D.

The Ohio State University

Targeting the IWS1/ENAH axis to prevent invasion and metastases of liposarcoma

Danielle Bitterman, M.D.

New American Cancer Society Research Grants

Fall 2024 Awards



ASTRO CSDG
Artificial i

New American Cancer Society Research Grants

Fall 2024 Awards



Pere Puigserver, Ph.D.

Dana-Farber Cancer Institute

Mitochondrial protein immunogenicity and tumor rejection

Rebecca Riggins, Ph.D.

Georgetown University

Dynamic precision medicine for d

New American Cancer Society Research

Fall 2024 Awards

Grants



New American Cancer Society Research Grants

Fall 2024 Awards



Margarita Dzama, Ph.D.

University of North Carolina at Chapel Hill

Identification of epigenetic therapies for liver cancer

Jiayi Fan, Ph.D.

Sloan-Kettering Institute for Cancer Research

Mechanistic study of the Smc5/6 SUMO ligase function and auto-sumoylation

Celeste Giansanti, Ph.D.

Vanderbilt University

Functional analyses of PARP-mediated ADP-ribosylation during DNA replication

Srikar Gopinath, Ph.D.

Yale University

Understanding the regulatory impact of 5'UTR variants in cancer

Xiaoran Guo, Ph.D.

Leland Stanford Junior University

Reconstruction of human alveoli from purified adult stem cells to study lung adenocarcinoma

Serafima Guseva, Ph.D.

Columbia University Irving Medical Center

Revealing Hoogsteen base pairs in DNA-protein complexes and their role in p53 gene regulation

Barnita Haldar, Ph.D.

University of Alabama at Birmingham

Role of Sialic acid-Siglec axis in pancreatic cancer immune evasion

Carly Harro, Ph.D.

University of Pennsylvania

Targeting epigenetic mediated repression to reverse T cell dysfunction in chronic lymphocytic leukemia CAR T cell therapy

Ian Hertzler, Ph.D.

University of Washington

Investigating the role of physical asymmetry of neural stem cell division in cell fate acquisition and brain development

New American Cancer Society Research Grants

Fall 2024 Awards



Weill Medical College of Cornell University

The role of stromal androgen receptor (AR) in the plasticity to advanced prostate cancer

Berney Peng, Ph.D.

University of California1i Peng

New American Cancer Society Research Grants

Fall 2024 Awards



Antibody based therapy for treating triple negative breast cancer

Ezekiel C. Thomas, Ph.D.

University of Michigan

Structure- and biochemistry-guided optimization of microtubule targeting cancer drugs

Tuulia Vallius, M.D., Ph.D.

Harvard Medical School

Improved treatment and diagnostics with spatial profiling in cutaneous melanoma

Janek Walker, Ph.D.

Mayo Clinic, Rochester, MN

New American Cancer Society Research Grants

Fall 2024 Awards



An oncolytic virus expressing fusion-associated small transmembrane (FAST) proteins 10 enhances antitumor immune response to glioblastoma

Wei-Ting Yueh, Ph.D.

Research Institute of Fox Chase Cancer Center

The Role of Cytosolic PALB2 in Breast Cancer and Its Mechanism of Resistance

Tomas Zelenka, Ph.D.

H. Lee Moffitt Cancer Center & Research Institute

Regulation of transcriptional programs in mouse and human tumor infiltrating CD8+ T cells

Meng Zhang, Ph.D.

Leland Stanford Junior University

Cancer ablation with RNA-based immunomodulatory circuits targeting overexpressed oncogenes

Fan Zhao, Ph.D.

Johns Hopkins University School of Medicine

Mechanism of histone H2B monoubiquitination in DNA damage response and its role in cancer

New American Cancer Society Research Grants

Fall 2024 Awards



Defining Rac1-mediated bypass of senescence as a molecular vulnerability in pancreatic cancer

Irene Chiolo, Ph.D.

University of Southern California

Chromatin dynamics in heterochromatin repair: insights into cancer biology

Martin Conda Sheridan, Ph.D.

University of Nebraska Medical Center

PSMAselective theranostic nanoparticles to improve surgical outcomes in prostate cancer

Ani Deshpande, Ph.D.

Sanford Burnham Prebys Medical Discovery Institute

Investigating Chromatin Control of Leukemogenesis

Dannielle Engle, Ph.D.

Salk Institute for Biological Studies

New American Cancer Society Research Grants

Fall 2024 Awards



University of Illinois UrbanaChampaign

Adjuvanting polypeptides for developing potent mRNA vaccines against solid tumors

Jared Weis, Ph.D.

Wake Forest University Health Sciences

Predicting cancer treatment-related cardiotoxicity by imaging cardiac mechanical stiffness

Kerri Winters -Stone, Ph.D.

Oregon Health & Science University

HEALED: Testing a socially enhanced exercise program on social isolation, loneliness, and mental and physical health in older men with prostate cancer

Beshay Zordoky, M.Sc., Ph.D.

University of Minnesota Twin Cities

Immunosenescence and cardiovascular complications of chemotherapy

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

Real - World Data Impact Awards

Ann-Kathrin Einfeld, M.D.

The Ohio State University

Establishing refined risk stratification for acute myeloid leukemia patients

New

New American Cancer Society Research Grants

Fall 2024 Awards



Massachusetts Institute of Technology

Overcoming therapeutic resistance through cell-specific targeting of the tumor microenvironment with antibody bottlebrush prodrug conjugates

Roarke Kamber, Ph.D.

University of California, San Francisco

Bolstering effective anti-tumor phagocytosis through high-throughput design of multifunctional chimeric macrophage receptors

Dan Landau, Ph.D.

Weill Medical College of Cornell University

Harnessing innate immunity for next-generation immuno-oncology therapeutics

Mark Leick, M.D.

Massachusetts General Hospital

CART targeted delivery of a VEGF-blocking scFv by mesothelin CART cells to enhance anti-tumor activity in solid tumors

New American Cancer Society Research

Fall 2024 Awards

Edus Warren, M.D.

Grants

