

**Recipients of AACR Research Funding & Fellowships
1993–2017**

Grants for Independent Investigators

The AACR first offered grants to independent investigators in 2006. We offer several funding mechanisms for senior scientists who are well-established in their fields. These grants provide support to explore innovative new ideas in any discipline across the continuum of research. Each award provides the recipient a minimum of \$75,000 per year over two years. Through this program, AACR has distributed more than \$23 million in research funding.

2017

Neuroendocrine Tumor Research Foundation-AACR Grant

Sharon Gorski, PhD

Genome Sciences Center, Canada

Project: *Proteogenomic analysis of pancreatic neuroendocrine tumors*

2016

Kure It-AACR Research Grant for Immunotherapy in Kidney Cancer

Anna Meseguer, PhD

Vall D'Hebron University Hospital Research Institute

Project: *Could TIM-1 constitute a new target for renal carcinoma immunotherapy?*

Neuroendocrine Tumor Research Foundation-AACR Grant

Xianxin Hua, MD, PhD

University of Pennsylvania

Project: *Targeting Neuroendocrine Tumors by Suppressing a Cell-surface Protease*

2015

Caring for Carcinoid Foundation-AACR Grant for Carcinoid Tumor and Pancreatic Neuroendocrine Tumor Research

Scott André Oakes, MD

University of California, San Francisco

Project: *Unfolded Protein Response in Neuroendocrine Tumors*

Kure It-AACR Research Grant for Immunotherapy in Kidney Cancer

Eliezer M. Van Allen, MD

Dana-Farber Cancer Institute

Project: *Response Predictors to PD-1/PD-L1 Inhibitors in Renal Cell Carcinoma*

Pancreatic Cancer Action Network-AACR Translational Research Grant

David Allen Boothman, PhD

Muhammad Beg, MD

University of Texas Southwestern Medical Center

Project: *Use of PARP1 Inhibitors to Leverage a Tumor-selective 'Kiss of Death'*

*Awarded by Pancreatic Cancer Action Network, administered by AACR

Pancreatic Cancer Action Network-AACR Translational Research Grant

David C. Linehan, MD

University of Rochester

Project: *Targeting Inflammatory Monocytes in Metastatic Pancreas Cancer*

*Awarded by Pancreatic Cancer Action Network, administered by AACR

Pancreatic Cancer Action Network-AACR Translational Research Grant

Kazuki N. Sugahara, MD, PhD

Columbia University Medical Center

Andrew M. Lowy, MD

University of California, San Diego

Project: *Clinical Development of a Tumor-penetrating Peptide for Enhanced Pancreatic Cancer Therapy*

*Awarded by Pancreatic Cancer Action Network, administered by AACR

Pancreatic Cancer Action Network-AACR Translational Research Grant

Nipun Merchant, MD

Matthew VanSaun, PhD

Miller School of Medicine of the University of Miami

Project: *Targeting Downstream Effectors of KRAS via MEK and CDK-4 Inhibition in PDAC*

*Awarded by Pancreatic Cancer Action Network, administered by AACR

2014

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research

Fariba Behbod, PharmD, PhD

University of Kansas Medical Center

Project: *Essential Role of BCL9 in DCIS Progression to Invasive Breast Cancer*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research

Amy Brock, PhD

The University of Texas at Austin

Project: *Preclinical Evaluation of Intraductal RNAi Therapy*

Caring for Carcinoid Foundation-AACR Grant for Carcinoid Tumor and Pancreatic Neuroendocrine Tumor Research

Herbert Chen, MD

University of Wisconsin-Madison

Project: *Multifunctional Nanomedicine for Targeted Carcinoid Cancer Therapy*

Caring for Carcinoid Foundation-AACR Grant for Carcinoid Tumor and Pancreatic Neuroendocrine Tumor Research

Michael German, MD

University of California, San Francisco

Project: *Treating Neuroendocrine Tumors via Synthetic Lethality*

Kure It-AACR Grant for Kidney Cancer Research

Scott M. Welford, PhD

Case Western Reserve University

Project: *A Novel Soluble Receptor-based Therapy for Kidney Cancer*

Pancreatic Cancer Action Network-AACR Innovative Grant

Anirban Maitra, MBBS

University of Texas M.D. Anderson Cancer Center

Project: *Macrophage Function in Pancreatic Cancer-associated Diabetes*

Pancreatic Cancer Action Network-AACR Innovative Grant

Dafna Bar-Sagi, PhD

New York University School of Medicine

Project: *PDA Development: Heads or Tails?*

Pancreatic Cancer Action Network-AACR Innovative Grant

Diane M. Simeone, MD

University of Michigan

Project: *Mesenchymal Stem Cells in Pancreatic Cancer Biology and Therapeutic Development*

Pancreatic Cancer Action Network-AACR Innovative Grant, supported by Celgene Corporation
George Miller, MD
New York University School of Medicine
Project: *Regulation of Pancreatic Tumorigenesis by Necroptosis*

Pancreatic Cancer Action Network-AACR Innovative Grant
Michael Thomas Barrett, PhD
Mayo Clinic Arizona
Project: *Genomic Drivers of Therapeutic Responses in Metastatic Disease*

2013

Caring for Carcinoid Foundation-AACR Grant for Carcinoid Tumor and Pancreatic Neuroendocrine Tumor Research
Gabriele Bergers, PhD
University of California, San Francisco
Project: *Implication of Heterogeneous Innate Immune Cells in PNET Resistance*

Landon Foundation-AACR INNOVATOR Award for International Collaboration in Cancer Research
David P. Carbone, MD, PhD
Ohio State University
Project: *Molecular Profile of Lung Adenocarcinoma in Brazil*

Landon Foundation-AACR INNOVATOR Award for Research in Personalized Cancer Medicine
Nikhil Wagle, MD
Dana-Farber Cancer Institute
Project: *Systematic Genomic Profiling of Endocrine-resistant Breast Cancer*

Pancreatic Cancer Action Network-AACR Innovative Grant
M. Celeste Simon, PhD
Abramson Family Cancer Research Institute of the University of Pennsylvania
Project: *Role of Hif1a in Inflammation, Tissue Repair, and Cancer of the Pancreas*

Pancreatic Cancer Action Network-AACR Innovative Grant
Timothy C. Wang, MD
Columbia University Medical Center
Project: *Dclk1 in Pancreatic Tumorigenesis*

Pancreatic Cancer Action Network – AACR Innovative Grant, supported by the Blum-Kovler Foundation
Valerie Weaver, PhD
University of California, San Francisco
Project: *Interplay between Tension and Inflammation in Pancreatic Tumor Progression*

Pancreatic Cancer Action Network- AACR Innovative Grant, in memory of Abby Sobrato
Yves Boucher, PhD
Massachusetts General Hospital
Project: *Targeting Desmoplasia in Pancreatic Cancer to Improve Drug Efficacy*

2012

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
Dennis E. Hallahan, MD
Washington University
Project: *Antibodies to Novel Inducible Antigens in Breast Cancer*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
Mark M. Moasser, MD
University of California, San Francisco
Project: *A Next-Generation Approach for Inactivation of the HER2-HER3 Tumor Driver*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
Shizhen Emily Wang, PhD
Beckman Research Institute of the City of Hope
Project: *Identify Blood-Borne microRNAs Associated with Breast Cancer Metastasis*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
Stephanie C. Pero, PhD
University of Vermont and State Agricultural College
Project: *A Novel Ultra HTS Cytotoxic Assay for Discovery of Human Cancer Antibodies*

Caring for Carcinoid Foundation-AACR Grant for Carcinoid Tumor and Pancreatic Neuroendocrine Tumor Research
Eric K. Nakakura, MD, PhD
University of California, San Francisco
Project: *Overcoming Resistance to mTOR Inhibition in Pancreatic Neuroendocrine Tumor*

Caring for Carcinoid Foundation-AACR Grant for Carcinoid Tumor and Pancreatic Neuroendocrine Tumor Research
Renata Pasqualini, PhD
The University of Texas M.D. Anderson Cancer Center
Project: *Octreotide-Targeted Treatment of Neuroendocrine Tumors of the Pancreas*

Kure It-AACR Grant for Kidney Cancer Research
James W. Mier, MD
Beth Israel Deaconess Medical Center
Project: *HDM2/HDMX as a Therapeutic Target in Renal Cell Carcinoma*

Kure It-AACR Grant for Kidney Cancer Research
William Youngkwan Kim, MD
The University of North Carolina at Chapel Hill
Project: *Defining the RCC kinome for target discovery and individualized therapy*

Landon Foundation-AACR INNOVATOR Award for International Collaboration in Cancer Research
Judith A. Varner, PhD
UCSD Moores Cancer Center
Project: *Targeting Tumor Inflammation: A New Approach to Treat Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Innovative Grant, supported by Tempur-Pedic Retailers
Channing J. Der, PhD
The University of North Carolina at Chapel Hill
Project: *Mechanisms of ER Inhibition Resistance and ERK-Dependent Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Innovative Grant, supported by the George & June Block Family Foundation
David Allen Boothman, PhD
University of Texas Southwestern Medical Center
Project: *NQO1-mediated 'Kiss of Death' Targeted Therapy for Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Innovative Grant, Supported in part by the Lefkofsky Family

Paul Chiao, PhD

University of Texas M.D. Anderson Cancer Center

Project: *TAK1 is a Novel Therapeutic Target in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Innovative Grant, in memory of Bonnie L. Tobin

Peter John Espenshade, PhD

Johns Hopkins University School of Medicine

Project: *SREBP Pathway as a Target for Pancreatic Cancer Therapy*

Pancreatic Cancer Action Network-AACR Innovative Grant, supported by Blum-Kovler

Tyler Jacks, PhD

Massachusetts Institute of Technology

Project: *Mechanisms of K-RAS Independent Growth in Pancreatic Cancer*

2011

Caring for Carcinoid Foundation-AACR Grant for Carcinoid Tumor and Pancreatic Neuroendocrine Tumor Research

Charles M. Rudin, MD, PhD

Johns Hopkins University

Project: *Oncolytic Viral Therapy for Carcinoid and other Neuroendocrine Tumors*

Caring for Carcinoid Foundation-AACR Grant for Carcinoid Tumor and Pancreatic Neuroendocrine Tumor Research

Xanxin Hua, MD, PhD

University of Pennsylvania

Project: *Suppression of Neuroendocrine Tumors via Epigenetic Regulation*

Landon Foundation-AACR INNOVATOR Award for International Collaboration in Cancer Research

Timothy R. Rebbeck, PhD

University of Pennsylvania School of Medicine

Project: *African Centers of Excellence in Prostate Cancer Research*

Landon Foundation-AACR INNOVATOR Award for Research in Personalized Cancer Medicine

Jason T. Huse, MD, PhD

Memorial Sloan Kettering Cancer Center

Project: *Personalizing PI3K/AKT Pathway Inhibitor Therapy in Malignant Glioma*

Pancreatic Cancer Action Network-AACR Innovative Grant

Lisa A. Cannon-Albright, PhD

University of Utah

Project: *Informative Linkage Analysis of High-Risk Pancreatic Cancer Pedigrees*

Pancreatic Cancer Action Network-AACR Innovative Grant

James R. Eshleman, MD, PhD

Johns Hopkins University

Project: *Identifying Familial Pancreatic Cancer Predisposition Genes*

Pancreatic Cancer Action Network-AACR Innovative Grant in honor of the Kovler Family

Hide L. Ploegh PhD

Whitehead Institute for Biomedical Research

Project: *Generation of Transnuclear Mice from Pancreatic Cancer Infiltrating T Cells*

Pancreatic Cancer Action Network-AACR Innovative Grant in memory of Abby Sobrato

Matthias Hebrok, PhD

University of California, San Francisco

Project: *Role of miRNAs in Pancreatic Adenocarcinoma*

2010

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research

Carey Anders, MD

The University of North Carolina at Chapel Hill

Project: *PARP Inhibition and Nanoparticles to Treat Breast Cancer Brain Metastases*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research

Charles V. Clevenger, MD, PhD

Northwestern University

Project: *Cyclophilin A as a Target in Breast Cancer*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research

Heide L. Ford, PhD

University of Colorado

Project: *Targeting the Six1/Eya Complex for Anti-Breast cancer Metastasis Therapies*

Landon Foundation-AACR INNOVATOR Award for International Collaboration in Cancer Research

Ralph H. Hruban, MD

Johns Hopkins University School of Medicine

Project: *Johns Hopkins-Garvan Institute Pancreatic Cancer Collaboration*

Landon Foundation-AACR INNOVATOR Award for Research in Personalized Cancer Medicine

W. Kimryn Rathmell, MD, PhD

The University of North Carolina at Chapel Hill

Project: *Advancing Prognostic Algorithms for Renal Cell Carcinoma*

Pancreatic Cancer Action Network-AACR Innovative Grant

Amy H. Tang, PhD

Eastern Virginia Medical School

Project: *SIAH is a Novel and Effective Anti-K-RAS Drug Target in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Innovative Grant

Frank McCormick, PhD, FRS

University of California, San Francisco

Project: *Specific K-Ras Inhibitors for Treating Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Innovative Grant, funded in part by an Anonymous Family Foundation

Gloria H. Su, PhD

Columbia University Medical Center

Project: *Notch Decoy Targeting the Notch Signaling Pathway in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Innovative Grant, supported by The Randy Pausch Family

Diane M. Simeone, MD

University of Michigan

Project: *Targeting Notch Signaling in Pancreatic Cancer Stem Cells*

2009

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research

David A. Frank, MD, PhD

Dana-Farber Cancer Institute

Project: *Targeting STAT3 for the Molecular Therapy of Breast Cancer*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research

Virginia F. Borges, MD

University of Colorado

Project: *Targeting the Inflammatory Milieu of Pregnancy Associated Breast Cancer*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
Wilson H. Miller, Jr., MD, PhD
Lady Davis Institute for Medical Research of the SMBD Jewish General Hospital
Project: *Targeting eIF4E with Ribavirin in Poor Prognosis Breast Cancer*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
Yvonne J. Paterson, PhD
University of Pennsylvania
Project: *Anti-Angiogenesis Immunotherapy for Treatment of Metastatic Breast Cancer*

AACR Henry Shepard Bladder Cancer Research Grant
Gregory Czarnota, MD, PhD
Sunnybrook Health Sciences Centre
Project: *Ultrasound Microbubble Enhancement of Bladder Cancer Treatment*

AACR Henry Shepard Bladder Cancer Research Grant
Long-Cheng Li, MD
University of California, San Francisco
Project: *Preclinical Evaluation of saRNA-guided p21 Activation for Bladder Cancer*

AACR Henry Shepard Bladder Cancer Research Grant
Matthew I. Milowsky, MD
Memorial Sloan Kettering Cancer Center
Project: *Bladder Cancer Oncogenome Project*

AACR Henry Shepard Bladder Cancer Research Grant
Peter A. Jones, PhD
University of Southern California, Norris Comprehensive Cancer Center
Project: *Epigenetic Therapy for the Treatment and Prevention of Bladder Cancer*

Landon Foundation-AACR INNOVATOR Award for International Collaboration in Cancer Research
Josep M. Llovet, MD
Institut D'Investigacions Biomèdiques August Pi i Sunyer
Project: *Oncogenic Addiction and Gatekeeper Genes in Hepatocellular Carcinoma*

Pancreatic Cancer Action Network-AACR Pilot Grant
Jiayuh Lin, PhD
Research Institute at Nationwide Children's Hospital
Project: *Dual Inhibitors Target JAK2/STAT3 for Novel Pancreatic Cancer Therapy*

Pancreatic Cancer Action Network-AACR Pilot Grant
Qingshen Gao, MD
Evanston Northwestern Healthcare Research Institute
Project: *Discovery of Novel Pancreatic Cancer Susceptibility Genes*

Pancreatic Cancer Action Network-AACR Pilot Grant, in memory of Constance Williams
Brian Lewis, PhD
University of Massachusetts
Project: *Involvement of miRNAs in Kras-Induced Pancreatic Tumorigenesis*

Pancreatic Cancer Action Network-AACR Pilot Grant, in memory of Seena Magowitz
George A. Calin, MD, PhD
University of Texas M.D. Anderson Cancer Center
Project: *Roles of MicroRNAs and Ultraconserved Genes in Pancreatic Cancers*

2008
Jeannik M. Littlefield-AACR Grant for Metastatic Colon Cancer
Lara R. Lipton, MBBS, PhD
Ludwig Institute for Cancer Research, Melbourne Tumour Biology Branch
Project: *A Genomic Signature for Colorectal Cancer Metastases*

Jeannik M. Littlefield-AACR Grant for Metastatic Colon Cancer
Nita Ahuja, MD
Johns Hopkins University
Project: *Developing Epigenetic Staging and Therapy for Colorectal Cancer*

Jeannik M. Littlefield-AACR Grant for Metastatic Colon Cancer
S. Gail Eckhardt, MD
University of Colorado
Project: *Development of Individualized Therapy for IGF-1R Inhibition in Advanced CRC*

Landon Foundation-AACR INNOVATOR Award for International Collaboration in Cancer Research
Michele Carbone, MD, PhD
University of Hawaii
Project: *Gene Environment Interaction and Early Detection of Mesothelioma in Cappadocia, Turkey*

Pancreatic Cancer Action Network-AACR Pilot Grant
Bin Liu, PhD
University of California, San Francisco
Project: *Internalizing Human Antibodies Targeting Pancreatic Tumor Cells in Situ*

Pancreatic Cancer Action Network-AACR Pilot Grant
Dafna Bar-Sagi, PhD
New York University
Project: *Impact of Diet-Induced Hyperlipidemia on Pancreatic Inflammation and Cancer*

Pancreatic Cancer Action Network-AACR Pilot Grant, in honor of Michael C. Sandler
Matthias Hebrok, PhD
University of California, San Francisco
Project: *NFkB Signaling in PanIN Formation*

Pancreatic Cancer Action Network-AACR Pilot Grant, in honor of Randy Pausch, PhD
Nabeel Bardeesy, PhD
Massachusetts General Hospital
Project: *Molecular Markers of Drug Sensitivity in Pancreatic Cancer*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
Alana Welm, PhD
University of Utah
Project: *The MSP Pathway as a Therapeutic Target in Aggressive Breast Cancers*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
Douglas Yee, MD
University of Minnesota
Project: *Gene Expression Profiling to Predict Response to anti-IGF Therapy*

Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
Ingrid A. Mayer, MD
Vanderbilt University Medical Center
Project: *Combined Endocrine and ErbB Inhibition in ER+/HER2+ Breast Cancers*

2007

Littlefield-AACR Grant for Metastatic Colon Cancer

Louis Weiner, MD

Georgetown University

Project: *siRNA Synthetic Lethal Screens to Improve EGFR-Targeted Therapy of Colorectal Cancer*

Littlefield-AACR Grant for Metastatic Colon Cancer

Makoto Taketo, MD, PhD

Kyoto University

Project: *Inhibition of CCR1 to Suppress Colon Cancer Invasion and Metastasis*

Littlefield-AACR Grant for Metastatic Colon Cancer

Michael Kahn, PhD

University of Southern California, Los Angeles

Project: *Wnt/beta-catenin/CBP Antagonists to Treat Colon Cancer and Metastasis*

Littlefield-AACR Grant for Metastatic Colon Cancer

Michael Karin, PhD

University of California, San Diego

Project: *Novel Anti-Inflammatory Intervention for Preventing Colon Cancer Metastasis*

2006

Jeannik M. Littlefield-AACR Grant for Metastatic Colon Cancer Research

Nouri Neamati, PhD

University of Southern California

Project: *Preclinical Development of SC144 in Metastatic Colon Cancer*

Littlefield-AACR Grant for Metastatic Colon Cancer

Peter Carmeliet, MD, PhD

Flanders Interuniversity Institute for Biotechnology

Project: *Preclinical Development of Anti-P1GF Antibodies for Metastatic Colon Cancer*

Littlefield-AACR Grant for Metastatic Colon Cancer

Steven A. Curley, MD

University of Texas M.D. Anderson Cancer Center

Project: *Carbon Nanotubes and Gold Nanoparticles as Radiofrequency Targets*

Littlefield-AACR Grant for Metastatic Colon Cancer

Wafik El-Deiry, MD, PhD

University of Pennsylvania

Project: *Novel Therapy for Resistant Metastatic Colon Cancer*

Littlefield-AACR Grant for Metastatic Colon Cancer

Edgar G. Engleman, MD

Stanford University

Project: *T-cell Signaling in Metastatic Colon Cancer*

Littlefield-AACR Grant for Metastatic Colon Cancer

Douglas V. Faller, MD, PhD

Boston University School of Medicine

Project: *PKC-delta as a Therapeutic Target in Colon Cancer*

Littlefield-AACR Grant for Metastatic Colon Cancer

Robert D. Ladner, PhD

University of Southern California

Project: *Histone Deacetylase Inhibitors for the Treatment of Metastatic Colon Cancer*

Littlefield-AACR Grant for Metastatic Colon Cancer

Eric Lagasse, PhD, PharmD

University of Pittsburgh

Project: *Metastatic Colon Cancer, Stem Cells and Artificial Biomarkers*

Littlefield-AACR Grant for Metastatic Colon Cancer

Boris C. Pasche, MD, PhD

Northwestern University

Project: *Targeting the TGFBR1*6A in Metastatic Colon Cancer*

Littlefield-AACR Grant for Metastatic Colon Cancer

Gary K. Schwartz, MD

Memorial Sloan Kettering Cancer Center

Project: *Targeting the Notch Signaling Pathway in Metastatic Colon Cancer*

Littlefield-AACR Grant for Metastatic Colon Cancer

Oliver Stoeltzing, MD

Universitaet Regensburg

Project: *The Role of Hsp 90 in Hepatic Growth of Colorectal Cancer Metastases*

AACR NextGen Grants for Transformative Cancer Research

The AACR NextGen Grants for Transformative Cancer Research were created in 2016 as a new funding initiative to stimulate highly innovative research from young investigators. These grants are intended to promote and support creative, paradigm-shifting cancer research that, because of its very nature, may not otherwise be funded through existing channels. It is anticipated that the projects funded through this mechanism have the potential to lead to major breakthroughs in the field. Each award provides the recipient \$150,000 per year over three years. Through this program, the AACR has distributed \$ million in research funding.

2017

AACR NextGen Grant for Transformative Cancer Research

Sidi Chen, PhD

Yale University

Project: *Versatile tools for autochthonous screening in liver cancer*

AACR NextGen Grant for Transformative Cancer Research

Costas A. Lyssiotis, PhD

University of Michigan

Project: *Intratumoral metabolic crosstalk supports pancreatic tumor growth*

Breast Cancer Research Foundation-AACR NextGen Grant for

Transformative Cancer Research, in honor of Dr. Nancy E. Davidson

Kivanç Birsoy, PhD

The Rockefeller University

Project: *Dissecting the role of aspartate biosynthesis in hypoxic tumor growth*

AACR-Takeda Oncology NextGen Grant for Transformative Cancer Research

Hani Goodarzi, PhD

University of California, San Francisco

Project: *The RNA structural code that drives colon cancer progression and metastasis*

2016

AACR NextGen Grant for Transformative Cancer Research

Paul A. Northcott, PhD

St. Jude Children's Research Hospital

Project: *Integrative functional genomics of recurrent childhood medulloblastoma*

AACR-Bayer NextGen Grant for Transformative Cancer Research

Andrew C. Hsieh, MD

Fred Hutchinson Cancer Research Center

Project: *The translation apparatus and mRNA dynamics in cancer*

AACR-Incyte Corporation NextGen Grant for Transformative Cancer Research

Sophia Y. Lunt, PhD

Michigan State University

Project: *Deciphering metabolic rewiring in cancer*

AACR-Takeda Oncology NextGen Grant for Transformative Cancer Research

Nikhil Wagle, MD

Dana-Farber Cancer Institute

Project: *Overcoming resistance to combined ER and CDK4/6 inhibition in breast cancer*

Early-Career Researcher Awards

AACR Career Development Awards were created in 1999 to provide the crucial research support needed to foster a successful career path for junior faculty who have completed their postdoctoral training and are newly appointed to independent research positions. Geared toward investigators early in their careers, these grants provide essential funds to help build their laboratory and sustain their research projects. Each award provides the recipient a minimum of \$75,000 per year over two or more years. Through this program, the AACR has distributed more than \$18 million in research funding

2017

AACR Gertrude B. Elion Cancer Research Award

Dong-Joo (Ellen) Cheon, PhD

Albany Medical College

Project: *Blocking fatty acid β -oxidation to sensitize cancer cells to cisplatin*

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Amit J. Sabnis, MD

University of California, San Francisco

Project: *PAX3-FOXO1 requires activation of mTOR by GATOR2 in rhabdomyosarcoma*

Breast Cancer Research Foundation-AACR Career Development Award for Translational Breast Cancer Research

Tal Danino, PhD

Columbia University

Project: *Enhancing breast cancer immunotherapies with engineered probiotics*

Breast Cancer Research Foundation-AACR Career Development Award for Translational Breast Cancer Research

Bryan R. Smith, PhD

Stanford University

Project: *Treatment enhancement via specific manipulation of tumor immunosuppression*

Debbie's Dream Foundation-AACR Career Development Award for Gastric Cancer Research

Eunyoung Choi, PhD

Vanderbilt University Medical Center

Project: *A novel metaplastic organoid system for studying gastric carcinogenesis*

AACR-Incyte Corporation Career Development Award for Immunology Research

Bethany Mundy-Bosse, PhD

The Ohio State University

Project: *Evasion of innate immunity by miR-29b modulation*

Pancreatic Cancer Action Network-AACR Career Development Award

Ingunn M. Stromnes, PhD

University of Minnesota

Project: *Enhancing the efficacy of engineered T cell therapy for pancreatic cancer*

Pancreatic Cancer Action Network-AACR Career Development Award

Haoqiang Ying, MD, PhD

University of Texas MD Anderson Cancer Center

Project: *The regulation of oncogene addiction by YAP pathway in pancreatic cancer*

Pancreatic Cancer Action Network-AACR Career Development Award

Jason Doles, PhD

Mayo Clinic

Project: *Metabolic alterations driving PDAC-associated muscle wasting*

AACR-TESARO Career Development Award for Immunology Research

Michael Birnbaum, PhD

Massachusetts Institute of Technology

Project: *Manipulating T and NK cell recognition in cancer*

2016

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Birgit Knoechel, MD, PhD

Dana-Farber Cancer Institute

Project: *Mechanisms of enhancer rewiring in drug resistant T-ALL*

AACR-Incyte Corporation Career Development Award for Pancreatic Cancer Research

Laura DeLong Wood, MD, PhD

Johns Hopkins University School of Medicine

Project: *Investigation of Genetic Heterogeneity in Pancreatic Cancer Precursors*

AACR-Triple Negative Breast Cancer Foundation-Carol's Crusade for a Cure Foundation Career Development Award for Metastatic Triple Negative Breast Cancer Research

Christina Curtis, PhD, MSc

Stanford University

Project: *Delineating the dynamics of triple negative breast cancer metastasis*

Breast Cancer Research Foundation-AACR Career Development Award for Translational Breast Cancer Research

Brooke M. Emerling, PhD

Sanford Burnham Prebys Medical Discovery Institute

Project: *Targeting PI3P4K for Triple Negative Breast Cancer Therapy*

Breast Cancer Research Foundation-AACR Career Development Award for Translational Breast Cancer Research

Wenqi Wang, PhD

University of California, Irvine

Project: *Targeting the Hippo-YAP pathway for breast cancer treatment*

Debbie's Dream Foundation-AACR Career Development Award for Gastric Cancer Research

Elise S. Demitrack, PhD

University of Michigan

Project: *Mechanisms of Wnt activation in FAP gastric polyps and gastric cancer*

Pancreatic Cancer Action Network-AACR Career Development Award

Shuibing Chen, PhD

Weill Cornell Medical College

Project: *Targeting chemoresistant stem cells in pancreatic cancer*

Pancreatic Cancer Action Network-AACR Career Development Award, in honor of Laurie MacCaskill

Kian-Huat Lim, MD, PhD

Washington University in St. Louis

Project: *Deactivating The Innate Immune Defense Mechanism of Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award, in memory of Skip Viragh

Rushika M. Perera, PhD

University of California, San Francisco

Project: *Targeting Nutrient Scavenging Pathways that Fuel Pancreatic Cancer Growth*

Pancreatic Cancer Action Network-AACR Career Development Award

Amber Simpson, PhD

Memorial Sloan Kettering Cancer Center

Project: *CT Texture Analysis: A Radiomics Approach to Predicting Malignancy in IPMN*

Pancreatic Cancer Action Network-AACR Career Development Award, supported by The Daniel and Janet Mordecai Foundation

Christopher Vakoc, MD, PhD

Cold Spring Harbor Laboratory

Project: *Enhancer reprogramming as a driver of pancreatic cancer progression*

2015

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Branden S. Moriarity, PhD

University of Minnesota

Project: *Validation and Testing of Novel Therapeutic Targets to Treat Osteosarcoma*

AACR-Genentech BioOncology Career Development Award for Cancer Research on the HER Family Pathway

Christine M. Lovly, MD, PhD

Vanderbilt University Medical Center

Project: *Novel and therapeutically actionable EGFR rearrangements in lung cancer*

AACR-Triple Negative Breast Cancer Foundation Career Development Award for Clinical/Translational Research

Eddy S. Yang, MD, PhD

The University of Alabama at Birmingham

Project: *Exploiting TNBC Vulnerabilities via Rationally Combined Therapies*

Breast Cancer Research Foundation-AACR Career Development Award for Translational Breast Cancer

Fengtian Xue, PhD

University of Maryland, Baltimore

Project: *BCL6-BTB Domain Inhibitors for Triple-Negative Breast Cancer*

Breast Cancer Research Foundation-AACR Career Development Award for Translational Breast Cancer Research

Sasha Elizabeth Stanton, MD, PhD

University of Washington

Project: *Development of a Multi-Antigen Vaccine for Breast Cancer Prevention*

Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research

Rong Xu, PhD

Case Western Reserve University

Project: *Uncovering Links between Microbiome Metabolites and Colorectal Cancer*

Landon Foundation-AACR INNOVATOR Award for Research in Tumor Microenvironment

Ken S. Lau, PhD

Vanderbilt University Medical Center

Project: *Systematic Dissection of an Inflammatory Niche for Cancer Initiating Cells*

Pancreatic Cancer Action Network-AACR Career Development Award, supported by an anonymous foundation

Gregory L. Beatty, MD, PhD

The Trustees of the University of Pennsylvania

Project: *Immune Escape Mechanisms in Metastatic Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award, supported by an anonymous foundation

Nada Y. Kalaany, PhD

Boston Children's Hospital

Project: *Role of Arginine Metabolism in Obesity-associated Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award, in memory of Skip Viragh

Cosimo Commisso, PhD

Sanford-Burnham Medical Research Institute

Project: *Targeting Macropinocytosis via Na⁺/H⁺ Exchanger Inhibition in PDAC*

2014

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Wei Li, PhD

Sloan Kettering Institute for Cancer Research

Project: *The Pro-Oncogenic role of EZH2 and CRL4(DCAF1) in NF2 Mutant Gliomas*

AACR Gertrude B. Elion Cancer Research Award

Matthew Vander Heiden, MD, PhD

Massachusetts Institute of Technology-Koch Institute for Integrative Cancer Research

Project: *The Role of Serine Metabolism in Melanoma*

AACR Judah Folkman Career Development Award for Angiogenesis Research

Phuong L. Doan, MD

Duke University

Project: *Epidermal Growth Factor Regulates Leukemic Stem Cell Self-Renewal*

Landon Foundation-AACR INNOVATOR Award for Cancer Immunology Research

Yvonne M. Saenger, MD

Columbia University Medical Center

Project: *Proving Immune Signatures in High Risk Primary Melanoma Tumors to Establish Prognostic Biomarkers and Mechanisms of Successful Immune Surveillance*

Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research

Tamas Gonda, MD

Columbia University Medical Center

Project: *Epigenetic Targeting of the Microenvironment in Gastric Chemoprevention*

Landon Foundation-AACR INNOVATOR Award for Research in Tumor Microenvironment

Sergei I. Grivennikov, PhD

Fox Chase Cancer Center

Project: *The Role and Mechanisms of Tumor Promoting, IL-17 Dependent Inflammation*

Pancreatic Cancer Action Network-AACR Career Development Award

David G. DeNardo, PhD

Washington University in St. Louis

Project: *Origins and Impact of Macrophages in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award

Florencia McAllister, MD

University of Texas M.D. Anderson Cancer Center

Project: *Targeting IL-17 signaling axis in pancreatic ductal adenocarcinoma*

Pancreatic Cancer Action Network-AACR Career Development Award

Kathryn E. Wellen, PhD

University of Pennsylvania

Project: *Understanding Metabolic Control of the Pancreatic Cancer Epigenome*

Pancreatic Cancer Action Network-AACR Career Development Award

Kenneth L. Scott, PhD

Baylor College of Medicine

Project: *Functionalizing Metabolic Pathway Driver Aberrations in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award, in memory of Skip Viragh

Eugene J. Koay, MD, PhD

University of Texas M.D. Anderson Cancer Center

Project: *Changes in Mass Transport as a Biomarker of Response in Pancreatic Cancer*

2013

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Yiping He, PhD

Duke University

Project: *Role of the MLL2-REST Link in Medulloblastoma Pathogenesis*

AACR-Genentech BioOncology Career Development Award for Cancer Research on the HER Family Pathway

Hanna Yoko Irie, MD, PhD

Mount Sinai School of Medicine

Project: *Novel Strategies to Overcome Her2 Targeted Therapy Resistance*

AACR Gertrude B. Elion Cancer Research Award

Sandra S. McAllister, PhD

Brigham and Women's Hospital

Project: *Elucidating the Pathophysiology of Disseminated Tumor Cells*

AACR-National Brain Tumor Society Career Development Award for Translational Brain Tumor Research

Markus D. Siegelin, MD

Columbia University Medical Center

Project: *CP-d/n-ATF5 as a Novel Potent Treatment for Malignant Glioma*

Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research

Kenneth Y. Tsai, MD, PhD

University of Texas M.D. Anderson Cancer Center

Project: *Genomic Analysis of Cutaneous Squamous Cell Carcinoma Progression*

Pancreatic Cancer Action Network-AACR Career Development Award

Andrew D. Rhim, MD

University of Michigan Medical School

Project: *Using Human Circulating Pancreas Cells as a Biomarker for Early PDAC*

Pancreatic Cancer Action Network-AACR Career Development Award

Daolin Tang, MD, PhD

University of Pittsburgh

Project: *Role of HMGB1 in Pancreatic Cancer Initiation and Progression*

Pancreatic Cancer Action Network-AACR Career Development Award

Eric R. Lutz, PhD

Johns Hopkins University

Project: *Exploiting the Cancer Mutome for Personalized Tumor Immunotherapy*

Pancreatic Cancer Action Network-AACR Career Development Award

Pankaj Kumar Singh, PhD

University of Nebraska Medical Center

Project: *Targeting a Novel Metabolic Chemoresistance Mechanism in Pancreatic Cancer*

Pancreatic Cancer Action Network – AACR Career Development Award, in memory of Skip Viragh

Monte M. Winslow, PhD

Stanford University

Project: *Molecular Dissection of Hmga2 Function during Pancreatic Cancer Progression*

2012

AACR Career Development Award for Colorectal Cancer Research

Richard B. Halberg, PhD

University of Wisconsin

Project: *Molecular Differences Predicting Tumor Progression in Colorectal Cancer*

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Carl R. Walkley, PhD

St. Vincent's Institute of Medical Research

Project: *New Models and Approaches in Osteosarcoma*

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Jing Crystal Zhao, PhD

Sanford-Burnham Medical Research Institute

Project: *Role of Imprinted Long Non-coding RNA Gtl2 in Gene Regulation*

AACR-FNAB Career Development Award for Translational Cancer Research

Christine L. Phillips, MD

Cincinnati Children's Hospital Medical Center

Project: *Genetic Model of Cytarabine Sensitivity in Children with AML*

AACR-Genentech BioOncology Career Development Award for Cancer Research on the HER Family Pathway

Eddy Shih-Hsin Yang, MD, PhD

The University of Alabama at Birmingham

Project: HER2 Overexpression Confers Susceptibility to PARP Inhibition

AACR Judah Folkman Career Development Award for Antiangiogenesis Research

Richard W. Joseph, MD

Mayo Clinic Jacksonville

Project: *The Relationship of Angiogenesis and Immune Evasion in Renal Cell Carcinoma*

Fight Colorectal Cancer-AACR Career Development Award, in memory of Lisa Dubow

Andrea Bertotti, MD, PhD

Istituto per la Ricerca e la Cura del Cancro

Project: *Improving Targeted Therapy in Colorectal Cancer through Xenopatient*

Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research

Guang Peng, MD, PhD

University of Texas M.D. Anderson Cancer Center

Project: *Targeting the DNA Repair Network as a Novel Approach for Cancer Prevention*

Pancreatic Cancer Action Network-AACR Career Development Award

David Sung-wen Yu, MD, PhD

Emory University

Project: *Exploiting the Replication Stress Response in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award, supported by The Daniel and Janet Mordecai Foundation

Eric A. Collisson, MD

University of California, San Francisco

Project: *Optimizing MEK Inhibition in Pancreatic Ductal Adenocarcinoma; from Cytostatic to Cytocidal*

Pancreatic Cancer Action Network-AACR Career Development Award, supported by The Daniel and Janet Mordecai Foundation

Jiyoung Ahn, PhD

New York University School of Medicine

Project: *Oral Microbiome and Pancreatic Cancer: A Prospective Case-Control Study*

Pancreatic Cancer Action Network-AACR Career Development Award , supported by The Daniel and Janet Mordecai Foundation

Kazuki N. Sugahara, MD, PhD

Sanford-Burnham Medical Research Institute

Project: *Tissue-penetrating Drug Delivery to Desmoplastic Pancreatic Tumors*

Pancreatic Cancer Action Network-AACR Career Development Award, supported by The Daniel and Janet Mordecai Foundation

Mikala Egeblad, PhD

Cold Spring Harbor Laboratory

Project: *Dynamics of Tumor-Stroma Interactions in Pancreatic Cancer*

2011

AACR Gertrude B. Elion Cancer Research Award

Charles G. Mullighan, MD

St. Jude Children's Research Hospital

Project: *Exome Sequencing of Hypodiploid Acute Lymphoblastic Leukemia*

Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research

Megan J. Huchko, MD, MPH

University of California, San Francisco

Project: *Cervical Cancer Screening with a Novel Biomarker in HIV-infected Women*

Pancreatic Cancer Action Network-AACR Career Development Award

Dimitrios Iliopoulos, PhD

University of California, Los Angeles

Project: *Identification of Novel Molecular Circuits in Pancreatic Cancer Stem Cells*

Pancreatic Cancer Action Network-AACR Career Development Award

Jael-II Park, PhD

University of Texas M.D. Anderson Cancer Center

Project: *Telomerase in the Development of Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award in honor of Tempur-Pedic Retailers

Kenneth P. Olive, PhD

Columbia University Medical Center

Project: *The Role of HIF1 and Hypoxia in Pancreatic Ductal Adenocarcinoma*

2010

AACR-Aflac, Incorporated Career Development Award for Pediatric Cancer Research

Zhe Li, PhD

Brigham and Women's Hospital, Inc.

Project: *MicroRNA 125b-2 in Down Syndrome Megakaryocytic Leukemia*

AACR Centennial Career Development Award for Childhood Cancer Research

Christopher Alexander French, MD

Brigham and Women's Hospital, Inc.

Project: *Targeting the Tumor Epigenome in NUT Midline Carcinoma*

AACR Centennial Career Development Award for Childhood Cancer Research

Dan Ruan, PhD

University of California, Los Angeles

Project: *Image Gently for Pediatric Image Guided Radiotherapy: A Systematic Study*

AACR Centennial Career Development Award for Childhood Cancer Research

Mari Hashitate Dallas, MD

St. Jude Children's Research Hospital

Project: *Dendritic Cell Facilitate Thymic Reconstitution after Transplantation*

AACR Centennial Career Development Award for Childhood Cancer Research

Narendra Wajapeyee, PhD

Yale University School of Medicine

Project: *Understanding the Mechanism of BCR-ABL-mediated Transformation*

AACR-FNAB Career Development Award for Translational Cancer Research

Arnold I. Chin, MD, PhD

University of California, Los Angeles

Project: *Quantitative Molecular and Drug Sensitivity Analysis for Bladder Cancer*

AACR Gertrude B. Elion Cancer Research Award

Yali Dou, PhD

University of Michigan

Project: *Targeting MLL in Acute Myeloid Leukemia*

AACR Judah Folkman Career Development Award for Anti- Angiogenesis Research

Marco Seandel, MD, PhD

Joan & Stanford I. Weill Medical College of Cornell University
Project: *Blocking Endothelial Trophic Support of Chemoresistant Genitourinary Tumors*

Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research

Samuel W. French, MD, PhD

University of California, Los Angeles
Project: *Quercetin: A New Hepatocellular Carcinoma Prevention Paradigm*

Pancreatic Cancer Action Network-AACR Career Development Award

Alec Kimmelman, MD, PhD

Dana-Farber Cancer Institute
Project: *DNA Repair and the DNA Damage Response in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award

Michael VanSaun, PhD

Vanderbilt-Ingram Cancer Center
Project: *Influence of Adipokines on Pancreatic Cancer Progression*

Pancreatic Cancer Action Network-AACR Career Development Award, in memory of Skip Viragh

Jonathan Brody, PhD

Thomas Jefferson University
Project: *HuR is a Predictive and Prognostic Marker in Pancreatic Cancer*

2009

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Theodore Nicoladies, MD

University of California, San Francisco
Project: *Optimizing EGFR Targeted Therapy in Pediatric Malignant Glioma*

AACR Gertrude B. Elion Cancer Research Award

Hang Yin, PhD

University of Colorado
Project: *Multidisciplinary Analyses of the Activation of EBV LMP-1*

Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research

Gregory P. Tochtrop, PhD

Case Western Reserve University
Project: *Novel Triterpenoid Chemopreventives from the Natural Product Bryonolic Acid*

Pancreatic Cancer Action Network-AACR Career Development Award, in memory of Larry Kwicinski

Maxence Nachury, PhD

Stanford University
Project: *Role of the Primary Cilium in the Initiation of Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award, in memory of Paul Mitchell

Marina Pasca di Magliano, PhD

University of Michigan
Project: *Notch Signaling in Pancreatic Cancer Initiation and Progression*

2008

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Charles G. Mullighan, MD

St. Jude Children's Research Hospital
Project: *Genomic Analysis of BCR-ABL1 Pediatric Acute Lymphoblastic Leukemia*

AACR Centennial Career Development Award for Childhood Cancer Research

Richard T. Williams, MBBS, PhD

St. Jude Children's Research Hospital
Project: *Resistance to Targeted BCR-ABL Kinase Inhibitor Therapy in Ph+ ALL*

AACR-FNAB Career Development Award for Translational Cancer Research

Tara Young, MD, PhD

University of California, Los Angeles
Project: *High Resolution Cytogenetic Study of Archival Metastatic Choroidal Melanoma*

AACR-Genentech BioOncology Career Development Award for Cancer Research on the HER Family Pathway

Chonghui Cheng, MD, PhD

Northwestern University
Project: *The Role of Alternative Splicing in HER2-dependent Breast Cancer*

AACR Gertrude B. Elion Cancer Research Award

Davide Ruggero, PhD

University of California, San Francisco
Project: *Role of IRES-Dependent Translation in Cancer*

Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research

Carlo Maley, PhD

The Wistar Institute
Project: *Genetic Diversity within Intra-epithelial Neoplasms and Cancer Prevention*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research

Marie-Christine Daniel, PhD

University of Maryland, Baltimore County
Project: *Multifunctional Nanovectors for Pancreatic Cancer Therapy*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research, in honor of the Blum-Kovler Family

Joseph M. Herman, MD

Johns Hopkins University
Project: *Evaluation of Focused Radiation to Potentiate a Pancreatic GM-CSF Vaccine*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research, in honor of Laurie and Paul MacCaskill

Lorenzo Sempere, PhD

Dartmouth University
Project: *Role of microRNAs in Initiation and Progression of Pancreatic Cancer*

Pancreatic Cancer Action Network- AACR Career Development Award for Pancreatic Cancer Research, in memory of Patty Boshell

Peter Storz, PhD

Mayo Clinic
Project: *Kinase Regulating Pancreatic Cancer Resistance to Chemotherapeutics*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research, in memory of Seena Magowitz

David Dawson, MD, PhD

University of California, Los Angeles
Project: *Wnt Signaling in Pancreatic Cancer Progenitor Cells*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research, in memory of Skip Viragh
Hyunki Kim, PhD
University of Alabama
Project: *MRI to Monitor Early Pancreatic-Tumor Response to a Novel Triple Therapy*

2007

AACR-Aflac, Inc. Career Development Award for Pediatric Cancer Research

Robert Craig Castellino, MD
Emory University
Project: *WIP1, a Therapeutic Target in Medulloblastoma*

AACR-Genentech BioOncology Career Development Award for Cancer Research on Angiogenesis

Dakun Wang, MD, PhD
University of Rochester
Project: *Biological Function of VDU2 in pVHL-HIF-1-VEGF Pathway and Angiogenesis*

AACR Gertrude B. Elion Cancer Research Award

Kent W. Christopherson II, PhD
Rush University Medical Center
Project: *Umbilical Cord Wharton's Jelly Mesenchymal Stem Cell Transplant Therapies*

AACR-Susan G. Komen for the Cure Career Development Award for Breast Cancer Research

Xiaochun Yu, MD, PhD
University of Michigan
Project: *USP11, A Potential Common Regulator in Breast Tumorigenesis*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research

Huamin Wang, MD, PhD
University of Texas M.D. Anderson Cancer Center
Project: *Functional Study of Hematopoietic Progenitor Kinase-1 in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research, in honor of Carole and Bob Daly

Martin E. Fernandez-Zapico, MD
Mayo Clinic
Project: *Characterization of the Hedgehog-Interacting Pathways in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research, in honor of Laurie and Paul MacCaskill

Kimberly A. Kelly, PhD
University of Virginia
Project: *Molecular Imaging Agents for Early Detection of Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research, in honor of Nancy Daly Riordan

Paul J. Grippo, PhD
Northwestern University
Project: *Evaluating Kras Oncogene Addiction in Pancreatic Precancer and Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award for Pancreatic Cancer Research, in honor of Ralph H. Hruban, M.D.

Ben Z. Stanger, MD, PhD
University of Pennsylvania
Project: *Investigation of the Pancreatic "Ductome"*

Pancreatic Cancer Action Network-AACR Career Development Award for Translational Pancreatic Cancer Research, in memory of Seena Magowitz

Rebekah R. White, MD
Duke University Medical Center
Project: *Prostate Stem Cell Antigen: A Specific Target for Pancreatic Cancer Therapy*

2006

AACR-Cancer Research and Prevention Foundation Career Development Award in Translational or Prevention Lung Cancer Research, given in memory of Lloyd Meeds

Herta Huey-An Chao, MD, PhD
Yale University School of Medicine
Project: *Targeting the Phospho-inositol-3 Kinase (PI3K) Pathway in Non-Small Lung Cancer (NSCLC)*

AACR-Fox Chase Cancer Center Career Development Award in Translational Cancer Research

Jeffrey R. Peterson, PhD
Fox Chase Cancer Center
Project: *Chemical and Biological Regulation of Pak1 Signaling in Breast Cancer*

AACR-Genentech BioOncology Career Development Award for Cancer Research on the HER Family Pathway

Jayanta Debnath, MD
University of California, San Francisco
Project: *The Role and Regulation of Autophagy Downstream of HER Family Pathways*

AACR Gertrude B. Elion Cancer Research Award

Scott M. Hammond, PhD
The University of North Carolina at Chapel Hill
Project: *The Role of microRNAs in Tumorigenesis*

AACR-Pennsylvania Department of Health Career Development Award in Basic Cancer Research

Edna Cukierman, PhD
Fox Chase Cancer Center
Project: *In Vivo-like 3D System to Assess Stroma Permissiveness in Tumor Cell Invasion*

Pancreatic Cancer Action Network-AACR Career Development Award in Pancreatic Cancer Research

Brian C. Lewis, PhD
University of Massachusetts Medical School
Project: *Pancreatic Tumor Induction by Activated Notch Signaling*

Pancreatic Cancer Action Network-AACR Career Development Award in Pancreatic Cancer Research

Ru Chen, PhD
University of Washington
Project: *Protein Biomarkers for the Detection of Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Michael Landon Career Development Award in Pancreatic Cancer Research

Daoyan Wei, PhD
University of Texas M.D. Anderson Cancer Center
Project: *The Role of KLF4 α in Pancreatic Cancer*

2005

AACR-Barletta Foundation Career Development Award in Translational Pancreatic Cancer Research

Christine A. Iacobuzio-Donahue, MD, PhD
The Johns Hopkins Hospital
Project: *Therapeutic Inhibition of Nonsense Mediated Decay for the Treatment of Pancreatic Cancer*

AACR-Cancer Research and Prevention Foundation Career Development Award in Gastrointestinal Cancer Research, in honor of Cecile B. Tuzin
Jennifer S. Tirnauer, MD
University of Connecticut Health Center
Project: *Role of Microtubule Defects in Intestinal Tumor*

AACR-Genentech BioOncology Career Development Award for Cancer Research on Angiogenesis
Dan G. Duda, DMD, PhD
Massachusetts General Hospital
Project: *Characterization of Circulating Endothelial Cells and Progenitor Cells as a Surrogate Marker for Progression and Treatment of Solid Tumors*

AACR Gertrude B. Elion Cancer Research Award
Gerard C. Blobe, MD, PhD
Duke University Medical Center
Project: *Identification of Mechanisms for the Dichotomous Function of TGF-beta in Mammary Adenocarcinogenesis*

Pancreatic Cancer Action Network-AACR Career Development Award in Pancreatic Cancer Research
Mircea Ivan, MD, PhD
New England Medical Center Hospitals, Inc.
Project: *Exploring Hypoxia Resistance in Pancreatic Tumors*

Pancreatic Cancer Action Network-AACR Career Development Award in Pancreatic Cancer Research, in memory of Samuel Stroum
Sunil R. Hingorani, MD, PhD
Fred Hutchinson Cancer Research Center
Project: *The Cell-of-Origin of Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Career Development Award in Pancreatic Cancer Research, in memory of Skip Viragh
William G. Hawkins, MD
Washington University, School of Medicine
Project: *Assessing the Ability of Regulatory T-cell Depletion to Augment Xenogeneic DNA Vaccination Against Mesothelin as a Method to Overcome Immunologic Tolerance in a Murine Model of Pancreas Cancer*

2004

AACR-Cancer Research and Prevention Foundation Career Development Award in Translational Lung Cancer Research, in memory of R. Duffy Wall
Rubén Pío, PhD
University of Navarra
Project: *Expression and Function of Complement Factor H in Lung Cancer: Evaluation of its Potential Use as a Biomarker for Early Diagnosis of Lung Cancer*

AACR-Genentech BioOncology Career Development Award for Cancer Research on the HER Family Pathway
Yixue Cao, MD, PhD
University of California, San Diego
Project: *IKKalpha is an Essential Component of the HER2 Signaling Pathway in Breast Cancer*

AACR Gertrude B. Elion Cancer Research Award
Blossom A. Damania, PhD
University of North Carolina at Chapel Hill
Project: *The role of Kaposi's Sarcoma-associated Herpesvirus (KSHV) in Human Malignancies*

AACR-Pennsylvania Department of Health Career Development Award in Basic Cancer Research
Edna Cukierman, PhD
Fox Chase Cancer Center
Project: *The Role of Progressive Stroma Signaling in Cancer Permissiveness*

AACR-Susan G. Komen Breast Cancer Foundation Career Development Award
Kathleen Heppner Goss, PhD
University of Cincinnati College of Medicine
Project: *Beta-Catenin and Breast Cancer: A Transcription-Independent Pathway to Tumorigenesis*

Pancreatic Cancer Action Network-AACR Career Development Award in Pancreatic Cancer Research
Anirban Maitra, MBBS
Johns Hopkins School of Medicine
Project: *Notch Signaling in Pancreatic Cancer*

2003

AACR-California Department of Health Services Career Development Award in Ovarian Cancer Research
Andrew J. Li, MD
David Geffen School of Medicine at University of California Los Angeles
Project: *Androgen Receptor Polymorphisms Modulate TGF-beta Signaling in Ovarian Cancer Biology*

AACR-California Department of Health Services Career Development Award in Prostate Cancer Research
Anjali Jain, PhD
Cedars-Sinai Prostate Cancer Center
Project: *Her-kinase Axis Directed Therapy of Androgen Independent Prostate Cancer*

AACR-Cancer Research and Prevention Foundation Career Development Award in Translational Lung Cancer Research, in memory of R. Duffy Wall
Gabriela Chiosis, PhD
Memorial Sloan Kettering Cancer Center
Project: *Hsp90-Targeted Therapy for Small Cell Lung Cancer*

AACR Gertrude B. Elion Cancer Research Award
Yi Zhang, PhD
Lineberger Comprehensive Cancer Center, University of North Carolina
Project: *Role of the EZH2 Histone Methyltransferase Complex in Cancer*

AACR-Pennsylvania Department of Health Career Development Award in Cancer Research
Katherine L. Pogue-Geile, PhD
University of Pittsburgh
Project: *Functional Identification of Pancreatic Tumor Suppressor Genes*

Pancreatic Cancer Action Network-AACR Career Development Award in Pancreatic Cancer Research
C. Max Schmidt, MD, PhD
Indiana University
Project: *The Chemopreventative Role of Cyclooxygenase Inhibitors in Pancreatic Tumorigenesis*

Pancreatic Cancer Action Network-AACR Career Development Award in Pancreatic Cancer Research
David A. Tuveson, MD, PhD
Abramson Cancer Center, University of Pennsylvania School of Medicine
Project: *Tumor Suppressor Gene Loss of Heterozygosity for the Generation of a Murine Model of Ductal Pancreatic Cancer*

2002

AACR-California Department of Health Services Career Development Award in Gender-Related Cancer Research -Prostate
June M. Chan, ScD
University of California, San Francisco
Project: *Prostate Cancer Survivors Cohort: Diet and Bone Metabolism as Predictors of Bone Metastasis*

AACR-California Department of Health Services Career Development Award in Gender-related Cancer Research -Ovarian

Manuel L. Penichet, MD, PhD

University of California, Los Angeles

Project: *Bi-Functional Antibody Fusion proteins for the Treatment of Ovarian Cancer*

AACR-Cancer Research Foundation of America Career Development Award in Translational Lung Cancer Research, in memory of R. Duffy Wall

Anjali K. Gupta, MD

University of Pennsylvania

Project: *Signaling Pathways in Non-Small Cell Lung Cancer as a Predictor of Outcome and Response to Therapy*

AACR Gertrude B. Elion Cancer Research Award

Piotr Sicinski, MD, PhD

Dana-Farber Cancer Institute

Project: *The Role of cyclin D1 – Estrogen Receptor Interaction in Breast Development and in Breast Cancer*

AACR-Susan G. Komen Breast Cancer Foundation Career Development Award

Haihua Gu, PhD

Beth Israel Deaconess Medical Center

Project: *The Role of Scaffolding Adapter Gab2 in Breast Cancer*

2001

AACR-Cancer Research Foundation of America Career Development Award in Translational Lung Cancer Research, in memory of R. Duffy Wall

David R. Jones, MD

University of Virginia

Project: *Chemosenitization of Non-Small Cell Lung Cancer through Inhibition of NF-KB*

AACR Gertrude B. Elion Cancer Research Award

Lisa M. Coussens, PhD

University of California, San Francisco

Project: *Functional Role of Gelatinase A/MMP-2 During Epithelial Carcinogenesis*

AACR-National Foundation for Cancer Research Career Development Award in Basic Cancer Research

Karen Frank, MD, PhD

University of Chicago

Project: *DNA ligase IV and DNA repair*

2000

AACR Gertrude B. Elion Cancer Research Award

Steven B. McMahon, PhD

The Wistar Institute

Project: *The Role of Chromatin Modifying Complexes in Transformation by the c-MYC Oncoprotein*

AACR-Susan G. Komen Breast Cancer Foundation Career Development Award

Patricia J. Keely, PhD

University of Wisconsin Medical School

Project: *Biophysical Regulation of Breast Phenotype by Rho Signaling Pathways*

1999

AACR Gertrude B. Elion Cancer Research Award

Yue Xiong, PhD

Lineberger Comprehensive Cancer Center, University of North Carolina

Project: *Tumor Suppression by the Rb and p53 Pathways*

AACR-National Foundation for Cancer Research Career Development Award

Fang Liu, PhD

Rutgers University

Project: *Role of TGF-beta-inducible gene regulation in tumorigenesis*

AACR-Susan G. Komen Breast Cancer Foundation Career Development Award

Renata Pasqualini, PhD

Project title: The Burnham Institute

Project: *Targeted Delivery of Genes to Angiogenic Vasculature*

1998

AACR Gertrude B. Elion Cancer Research Award

David E. Fisher, PhD

Children's Hospital/Dana-Farber Cancer Institute and Harvard Medical School

Project: *Microphthalmia and p16: Critical Regulators of Melanocyte Growth and Survival*

1997

AACR Gertrude B. Elion Cancer Research Award

Jeffrey L. Wrana, PhD

Hospital for Sick Children, University of Toronto

Project: *Function of the Tumor Suppressor Gene, MADR2, in Cancer*

1996

AACR Gertrude B. Elion Cancer Research Award

Ann Marie Pendergast, PhD

Duke University Medical Center

Project: *Signaling by ABL Tyrosine Kinases in Normal and Transformed Cells*

1995

AACR Gertrude B. Elion Cancer Research Award

Kristin A. Eckert, PhD

Hershey Medical Center

Project: *Mutagenic Processing of Carcinogen Treated DNA by Human DNA Polymerases*

1994

AACR Gertrude B. Elion Cancer Research Award

Carol W. Greider, PhD

Cold Spring Harbor Laboratory

Telomeres and Telomerase in Cancer

1993

AACR Gertrude B. Elion Cancer Research Award

Benjamin G. Neel, MD, PhD

Beth Israel Hospital

Project: *Tyrosine Phosphatases in Cell Life and Death*

Research Fellowships

AACR Research Fellowships, established in 1996, provide funding to promising young investigators who have strong potential to become productive and successful independent cancer research scientists. These grants provide financial support to researchers in training working towards independent research careers and help to retain talented scientists in the field. Each fellowship provides the recipient a minimum of a one-year grant of \$50,000 to \$55,000 per year. Through this program, AACR has distributed over \$14 million in research funding.

2017

AACR Anna D. Barker Fellowship in Basic Cancer Research

Amanda Haltom, PhD

University of Texas MD Anderson Cancer Center

Project: *Elucidating the exosome "road map" in normal physiology and cancer*

AACR Basic Cancer Research Fellowship

Chun-Hao Huang, PhD

University of California, Berkeley

Project: *Understanding cellular response to viral translation during tumorigenesis*

AACR Basic Cancer Research Fellowship

Pingping Mao, PhD

Dana-Farber Cancer Institute

Project: *Characterization of endocrine resistance mechanisms in ER+ breast cancer*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Andrew Dunbar, MD

Memorial Sloan Kettering Cancer Institute

Project: *EZH2 as a therapeutic target in ASXL1-mutant myelofibrosis*

AACR-AstraZeneca Fellowship in Immuno-oncology Research

Ivana Peran, PhD

Georgetown University

Project: *The role of cadherin-11 in immunomodulation of pancreatic adenocarcinoma*

AACR-AstraZeneca Fellowship in Immuno-oncology Research

Mingyang Song, MBBS, ScD

Massachusetts General Hospital

Project: *Marine omega-3 fatty acids for the immunotherapy of colorectal cancer*

AACR-AstraZeneca Fellowship in Lung Cancer Research

Leila Dardaei, PhD

Massachusetts General Hospital

Project: *Overcoming acquired drug resistance in ALK fusion-positive lung cancers*

AACR-AstraZeneca Fellowship in Ovarian Cancer Research

Yizhou J. He, PhD

Dana-Farber Cancer Institute

Project: *Investigation of PARP inhibitor resistance in BRCA1-mutant ovarian tumors*

AACR-Bayer Hepatocellular Carcinoma Research Fellowship

Irun Bhan, MD

Massachusetts General Hospital

Project: *Transcriptomics of hepatocellular carcinoma in diagnosis and immunotherapy*

AACR-Bayer Prostate Cancer Research Fellowship

Crystal S. Conn, PhD

University of California, San Francisco

Project: *Deciphering and targeting translational adaptations in prostate cancer*

Debbie's Dream Foundation-AACR Gastric Cancer Research Fellowship

Karolina E. Kaczor-Urbanowicz, PhD, DMD

University of California, Los Angeles

Project: *Salivary H. pylori exRNAs as biomarkers for gastric cancer detection*

Debbie's Dream Foundation-AACR Gastric Cancer Research Fellowship

Haisheng Zhang, PhD

Dana-Farber Cancer Institute

Project: *RHOA alterations in the development of diffuse gastric cancer*

AACR-Genentech Immuno-oncology Research Fellowship

Melvyn T. Chow, PhD

Massachusetts General Hospital and Harvard Medical School

Project: *Overcoming resistance to PD-1 immune checkpoint blockade therapy*

AACR-Genentech Fellowship in Lung Cancer Research

Wen-Yang (Ann) Lin, PhD, MS

Stanford University

Project: *Multiplexed pharmacogenomic analysis of lung cancer*

AACR-Incyte Corporation Fellowship in Basic Cancer Research

Hyun Yong Jin, PhD

University of California, San Francisco

Project: *Synthetic lethal targeting of metabolic adaptation in lymphomagenesis*

AACR-Incyte Corporation Leukemia Research Fellowship

Palaniraja Thandapani, PhD

New York University School of Medicine

Project: *LUNAR1, mechanism of action and validation as a therapeutic target in T-ALL*

AACR-Janssen Fellowship in Cancer Interception Research

Jason J. Northey, PhD

University of California, San Francisco

Project: *Mitigating the biophysical implications for breast cancer risk*

AACR-John and Elizabeth Leonard Family Foundation Basic Cancer Research Fellowship

Ruli Gao, PhD

University of Texas MD Anderson Cancer Center

Project: *Tracking stromal interactions in TNBC chemoresistance by single cell RNAseq*

Ocular Melanoma Foundation-AACR Fellowship, in honor of the Kammerman Family

Vivian Chua, PhD

Thomas Jefferson University

Project: *Novel epigenetic targeting approaches in uveal melanoma*

AACR-Pfizer Fellowship in Immuno-oncology Research

Sabarinath Venniyil Radhakrishnan, MD

University of Utah

Project: *Chimeric antigen receptor (CAR) T cell therapy for multiple myeloma*

QuadW Foundation-AACR Fellowship for Clinical/Translational Sarcoma Research

Michael J. Wagner, MD

University of Texas MD Anderson Cancer Center

Project: *Overcoming primary resistance to VEGF/VEGFR targeted agents in angiosarcoma*

2016

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Willy Hugo, PhD

University of California, Los Angeles

Project: *Innate Resistance to Immune Checkpoint Inhibition for Melanoma Therapy*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Aparna Lakshmanan, PhD
Ohio State University
Project: *BRAF-Mediated Immunomodulation in disseminated B-cell Malignancy*

AACR Anna D. Barker Basic Cancer Research Fellowship
Neville Gilhooly, PhD
University of California Davis
Project: *How do replication-transcription collisions cause genome instability?*

AACR Basic Cancer Research Fellowship
Elizabeth J. Adams, PhD
Memorial Sloan Kettering Cancer Center
Project: *Characterizing FOXA1 mutations using a novel prostate organoid system*

AACR Basic Cancer Research Fellowship
Shruti Bhatt, PhD
Dana-Farber Cancer Institute
Project: *Mitochondrial perturbations as a novel approach to personalized therapy*

AACR Basic Cancer Research Fellowship
Karuna Ganesh, MBBChir, PhD
Memorial Sloan Kettering Cancer Center
Project: *Investigating and Targeting L1CAM in Metastatic Cancer Stem Cells*

AACR Basic Cancer Research Fellowship
Andrew W. Holle, PhD
Max Planck Institute for Intelligent Systems
Project: *Cancer Cell Cytoskeletal Dynamics during Confined Invasion*

AACR Basic Cancer Research Fellowship
Wei Jin, PhD
Fred Hutchinson Cancer Research Center
Project: *Targeting Immunosuppressive Tumor Microenvironment Resulting from Therapy*

AACR Basic Cancer Research Fellowship
Emil Schöler, PhD
Stanford University
Project: *Improved therapeutic index in the GI tract with ultra-fast irradiation*

AACR Basic Cancer Research Fellowship
Jie Su, PhD
Memorial Sloan-Kettering Cancer Center
Project: *Dissecting TGFβ-induced lethal EMT in KRAS-driven pancreatic cancer*

AACR Basic Cancer Research Fellowship
April M. Weissmiller, PhD
Vanderbilt University Medical Center
Project: *Probing a novel mechanism of MYC recruitment to chromatin*

AACR-Bayer Hepatocellular Carcinoma Research Fellowship
Juyoun Kim, PhD
University of California, San Diego
Project: *Role of TNF Signaling in de novo Lipid Synthesis Upon Hypernutrition*

AACR-Bayer Prostate Cancer Research Fellowship
Sethuramasundaram Pitchaiya, PhD
University of Michigan Comprehensive Cancer Center
Project: *Androgen receptor regulation by lncRNA PRCAT47 in prostate cancer*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research
Yiting Lim, PhD
Fred Hutchinson Cancer Research Center
Project: *Dissecting oncogenic translation in prostate cancer pathogenesis*

AACR-Bristol-Myers Squibb Fellowship in Translational Immunology
Brian Christopher Miller, MD, PhD
Dana-Farber Cancer Institute
Project: *Dissecting mechanisms of PD-1 blockade with single-cell RNA-sequencing*

AACR-Bristol-Myers Squibb Fellowship in Translational Immunology
Randy F. Sweis, MD
University of Chicago
Project: *Facilitating immunotherapy responses in non-T cell-inflamed bladder cancer*

AACR-Conquer Cancer Foundation of ASCO Young Investigator Translational Cancer Research Award
Julia Carnevale, MD
University of California, San Francisco
Project: *New Treatments for Pancreatic Cancer with Homologous Recombination Defects*

AACR-Genentech BioOncology Fellowship for Cancer Research on the HER Family Pathway
Christine Sheau Fen Wong, PhD
Massachusetts General Hospital
Project: *Improving treatment of brain metastases from HER2-positive breast cancer*

AACR-Incyte Corporation Clinical Fellowship in Lymphoma Research
Santosh A. Vardhana, MD, PhD
Memorial Sloan Kettering Cancer Center
Project: *Response and resistance to checkpoint blockade in Hodgkin lymphoma*

AACR-John and Elizabeth Leonard Family Foundation Basic Cancer Research Fellowship
Fides D. Lay, PhD
University of California, Los Angeles
Project: *The role of Ldb1-mediated enhancer-promoter communication in T-ALL*

AACR Judah Folkman Fellowship for Angiogenesis Research
Amelia A. Rand, PhD
University of California Davis Comprehensive Cancer Center
Project: *Regulation of cancer angiogenesis from the metabolism of epoxy omega-6 fats*

AACR-Ocular Melanoma Foundation Fellowship
Jessica Teh, PhD
Thomas Jefferson University
Project: *Utility of CDK4/6 inhibitors in uveal melanoma*

AACR-Takeda Oncology Fellowship in Lymphoma Research
Matthew Frank, MD, PhD
Stanford University
Project: *A Novel Bispecific Antibody for the Treatment of B cell Lymphoma*

AACR-Takeda Oncology Fellowship in Lymphoma Research
Naama Kanarek, PhD
Whitehead Institute for Biomedical Research
Project: *A search for undefined methotrexate resistance mechanisms in lymphoma*

AACR-Takeda Oncology Fellowship in Lymphoma Research
Hsia-Yuan Ying, PhD
Weill Cornell Medical College
Project: *Mutational cooperativity of CREBBP and KMT2D in B cell lymphoma*

AACR-Takeda Oncology Fellowship in Multiple Myeloma Research
Neelam Bhardwaj, PhD
University of Utah, Huntsman Cancer Institute
Project: *Generation of a Monoclonal Antibody Against VISTA for the Immunomodulatory therapy of multiple myeloma*

AACR-Takeda Oncology Fellowship in Multiple Myeloma Research
Barbara Castella, PhD
University of Torino
Project: *Targeting immune inhibitory pathways in the bone marrow of myeloma patients*

Debbie's Dream Foundation-AAACR Gastric Cancer Research Fellowship
Holly A. Martinson, PhD
University of Alaska Anchorage
Project: *Discovering biomarkers for early detection and treatment of gastric cancer*

Never Too Young Coalition-AAACR Fellowship in Young-Onset Colorectal Cancer Research, supported by the Colon Cancer Alliance
Tatianna C. Larman, MD
Johns Hopkins University
Project: *Exploiting a common metabolic susceptibility in early onset sporadic CRC*

Never Too Young Coalition-AAACR Fellowship in Young-Onset Colorectal Cancer Research, supported by Michael's Mission and the Chris4Life Colon Cancer Foundation
Sarah B. Stringfield, MD
University of California, San Diego
Project: *Young Onset Colorectal Cancer- A virally mediated process?*

QuadW Foundation-AAACR Fellowship for Clinical/Translational Sarcoma Research
Joanna Przybyl, PhD
Stanford University
Project: *Monitoring treatment response in leiomyosarcoma using circulating tumor DNA*

2015
AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Danny Khalil, MD, PhD
Memorial Sloan Kettering Institute for Cancer Research
Project: *Potentiating PD-1 Blockade in Resistant Cancers by Enforced APC Activation*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Marisa M. Juntilla, MD, PhD
Stanford University Medical Center
Project: *Translational Regulation by a Leukemia Specific Mutation in Nucleophosmin 1*

AACR Basic Cancer Research Fellowship
Benjamin Delatte, PhD
La Jolla Institute for Allergy Immunology
Project: *Deciphering the Roles of TET2 and TET3 in Leukemogenesis*

AACR Basic Cancer Research Fellowship
Chao Dai, PhD
Dana-Farber Cancer Institute
Project: *Targeting the SMAD4 Tumor Suppressor in Pancreatic Cancer*

AACR Basic Cancer Research Fellowship
James P. Mahaffey, PhD
New York University School of Medicine
Project: *Characterizing Post-translational Modifications of N-Ras*

AACR Basic Cancer Research Fellowship
Jason J. Northey, PhD
University of California, San Francisco
Project: *Tissue Tension Promotes Stemness and Breast Cancer Aggression*

AACR Basic Cancer Research Fellowship
Laurent Fattet, PhD
University of California, San Diego - Health Sciences
Project: *Regulation of EMT and Tumor Invasion: Twist1 Mediates Mechanosensing of ECM*

AACR Basic Cancer Research Fellowship
Ling Cai, PhD
University of Texas Southwestern Medical Center
Project: *Systematic Interrogation of Metabolism in Non-small Cell Lung Cancer*

AACR-Bayer HealthCare Basic Cancer Research Fellowship
Mario A. Shields, PhD
Cold Spring Harbor Laboratory
Project: *The Role of Collagen Structure in Malignant Behavior of Pancreatic Cancer*

AACR-Bayer HealthCare Basic Cancer Research Fellowship
Michelle P. Cicchini, PhD
The Trustees of the University of Pennsylvania
Project: *Identifying the Impact of Epigenetic Deregulation on Tumor Progression*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research
Marco Ruella, MD
University of Pennsylvania
Project: *Dual Chimeric Antigen Receptor T cells for CD19-negative Leukemia Relapses*

AACR-John and Elizabeth Leonard Family Foundation Basic Cancer Research Fellowship
Xiaoyang Zhang, PhD
Dana-Farber Cancer Institute
Project: *To Study the Role of MGA loss-of-function Mutations in Lung Adenocarcinoma*

AACR-Millennium Fellowship in Lymphoma Research
Maitte Alvarez, PhD
Stanford University
Project: *Improving Cancer Therapy for Lymphoma by Preventing NK Cell Exhaustion*

AACR-Millennium Fellowship in Lymphoma Research
Shenqiu Wang, PhD
Memorial Sloan Kettering Cancer Center
Project: *Genetic Causes of B cell Receptor Activation in Follicular Lymphoma*

AACR-Millennium Fellowship in Lymphoma Research
Yuh-Ying Yeh, PhD
The Ohio State University
Project: *Investigation of the Role of Exosomes in Chronic Lymphocytic Leukemia*

AACR-Millennium Fellowship in Multiple Myeloma Research
Bruno Paiva, PhD
University of Navarra
Project: *Defining MRD and Stem Myeloma Clones to Understand Ultra-Chemosensitivity*

AAACR-Millennium Fellowship in Multiple Myeloma Research

Cindy Lin, PhD

The Wistar Institute

Project: *Regulation of Multiple Myeloma by S100A9 Protein*

AAACR-Millennium Fellowship in Multiple Myeloma Research

Hans C. Lee, MD

University of Texas M.D. Anderson Cancer Center

Project: *Validating Novel Targets Against Deletion 17p Myeloma*

AAACR-Ocular Melanoma Foundation Fellowship, in honor of Robert C. Allen, MD

Stefan Kurtenbach, PhD

Miller School of Medicine of the University of Miami

Project: *BAP1 Loss Deregulates Neural Crest Guidance cue Signaling in Uveal Melanoma*

Debbie's Dream Foundation-AAACR Gastric Cancer Research Fellowship

Andrea Zamperone, PhD

Albert Einstein College of Medicine

Project: *Mechanisms of DNA Damage Signaling by Helicobacter pylori*

Debbie's Dream Foundation-AAACR Gastric Cancer Research Fellowship

Eirini Pectasides, MD, PhD

Dana-Farber Cancer Institute

Project: *Enhancing the Efficacy of ERBB2 Inhibition in Gastric Cancer*

Fight Colorectal Cancer-Michael's Mission-AAACR Fellowship in Young Onset, Late-Stage Colorectal Cancer Research

Noel F.C.C. de Miranda, PhD

Leiden University Medical Center

Project: *Neo-antigen-based Therapies for Young-Onset, Late-Stage Colorectal Cancers*

QuadW Foundation-AAACR Fellowship for Clinical/Translational Sarcoma Research

Genevieve C. Kendall, PhD

University of Texas Southwestern Medical Center

Project: *Zebrafish Modeling of PAX3-FOXO1 Driven Rhabdomyosarcoma*

2014

AAACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Daria V. Babushok, MD, PhD

University of Pennsylvania

Project: *Clonal Hematopoiesis and Malignant Transformation in Aplastic Anemia*

AAACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Gangadhara Reddy Sareddy, PhD

The University of Texas Health Science Center at San Antonio

Project: *KDM1 Inhibition as a Novel Epigenetic Therapy to Target Glioma Stem Cells*

AAACR Anna D. Barker Fellowship in Basic Cancer Research

Kathleen Margaret Mary Mahoney, MD, PhD

Beth Israel Deaconess Medical Center

Project: *Programmed Cell Death 1 Ligand 1 and a Secretory Variant in Kidney Cancer*

AAACR Basic Cancer Research Fellowship

Adrian Granada, PhD

Harvard Medical School

Project: *Individual Cell Fate Decisions after Radiotherapy. A Live Single-cell Study*

AAACR Basic Cancer Research Fellowship

Josette Northcott, PhD

University of California, San Francisco

Project: *Improving Anti-angiogenic/Chemotherapeutic Treatment for Breast Cancer*

AAACR Basic Cancer Research Fellowship

Lapo Alinari, MD, PhD

The Ohio State University

Project: *Targeting Protein Arginine Methyltransferase 5 in Mantle Cell Lymphoma*

AAACR Basic Cancer Research Fellowship

Nilotpal Roy, PhD

University of California, San Francisco

Project: *Redefining the Paradigm of Pancreatic Ductal Pre-neoplasia*

AAACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research

Frederick H. Wilson, MD, PhD

Dana-Farber Cancer Institute

Project: *A Genomic Approach to Identify Drivers of Resistance to ALK Inhibition*

AAACR-Bristol-Myers Squibb Oncology Fellowship in Clinical/Translational Cancer Research

Maria T. Gkatzamanidou MD, PhD

Dana-Farber Cancer Institute

Project: *Modifying H3K27 Methylome via UTX and JMJD3: Implications in Myelomagenesis*

AAACR-Conquer Cancer Foundation of ASCO Young Investigator Translational Cancer Research Award

Andrew Lee Hong, MD

Dana-Farber Cancer Institute

Project: *Genomic Drivers of Advanced Urothelial Carcinomas*

AAACR-Genentech BioOncology Fellowship for Cancer Research on the HER Family Pathway

Collin M. Blakely, MD, PhD

University of California, San Francisco

Project: *Role of Tumor Genomic Heterogeneity in HER1/EGFR-Mutant Lung Adenocarcinoma*

AAACR-John and Elizabeth Leonard Family Foundation Basic Cancer Research Fellowship

Sara Catherine Hanna, PhD

The University of North Carolina at Chapel Hill

Project: *Kinome Dynamics in Chemo-Sensitive and -Insensitive Breast Cancer*

AAACR-Millennium Fellowship in Lymphoma Research

Gordana Halec, PhD

University of California, Los Angeles

Project: *Importance of HIV in the Development of Non-Hodgkin Lymphoma*

AAACR-Millennium Fellowship in Lymphoma Research

Jasmine G. Lee, PhD

Columbia University

Project: *P53-mediated Tumor Suppression Through TNFRSF14 Regulation in Lymphoma*

AAACR-Millennium Fellowship in Lymphoma Research

Laura M. Rogers, PhD

The University of Iowa

Project: *Complement Regulation and Anti-CD20 Efficacy in Follicular Lymphoma*

AAACR-Millennium Fellowship in Lymphoma Research

Yu Liu, PhD

Memorial Sloan Kettering Cancer Center

Project: *The Impact of 17p Deletions on Lymphomagenesis and Therapy Response*

AAcr-Millennium Fellowship in Prostate Cancer Research
Alice Soragni, PhD
University of California, Los Angeles
Project: *P53 Aggregation Inhibitor as a New Treatment for Advanced Prostate Cancer*

AAcr-Millennium Fellowship in Prostate Cancer Research
Fen Ma, PhD
Beth Israel Deaconess Medical Center
Project: *SOX9 Regulation of WNT Signaling in Prostate Cancer Development*

AAcr-Millennium Fellowship in Prostate Cancer Research
Nicolas Floch, PhD
Columbia University, Irving Comprehensive Cancer Center
Project: *Analyse of the Role of p53 in Abiraterone Response*

AAcr-Ocular Melanoma Foundation Fellowship
Alexander N. Shoushtari, MD
Memorial Sloan Kettering Cancer Center
Project: *Overcoming Resistance to MEK Inhibition in Advanced Uveal Melanoma*

Colon Cancer Alliance-AAcr Fellowship for Biomarker Research
Marios Giannakis MD, PhD
Dana-Farber Cancer Institute
Project: *Dissecting the Somatic Genomic Epidemiology of Colorectal Cancer*

Debbie's Dream Foundation-AAcr Gastric Cancer Research Fellowship
David Franklin Allison, PhD
The University of North Carolina at Chapel Hill
Project: *Epigenetic Therapy in Gastric Cancer: Targeting the PRC2 Complex*

Fight Colorectal Cancer-AAcr Fellowship in Metastatic Colorectal Cancer Research, in Memory of Lisa Dubow
Ho-Chou Tu, PhD
Boston Children's Hospital
Project: *The Pluripotency Factors LIN28A/B Promote Colorectal Cancer Progression*

Pancreatic Cancer Action Network-AAcr Fellowship, in memory of Samuel Stroum
Barbara M. Grüner, PhD
Stanford University
Project: *Multiplexed in Vivo Drug Screening: Inhibitors of Metastatic Seeding*

QuadW Foundation-AAcr Fellowship for Clinical/Translational Sarcoma Research
Ryan D. Roberts, MD, PhD
Nationwide Children's Hospital
Project: *Manipulating Mechanisms of Lung Tropism to Prevent Osteosarcoma Metastasis*

2013

AAcr Anna D. Barker Fellowship in Basic Cancer Research
Hugh S. Gannon, PhD
Dana-Farber Cancer Institute
Project: *Exploring Synthetic Lethality between Mutant p53 and Glutathione Depletion*

AAcr-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Kara N. Maxwell, MD, PhD
University of Pennsylvania
Project: *Identification of Clinically Relevant Breast Cancer Susceptibility Variants*

AAcr-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Victoria E. Wang, MD, PhD
University of California, San Francisco
Project: *The Role of the c-Met/HGF Pathway in Drug Resistance and Metastasis*

AAcr Basic Cancer Research Fellowship
Camilla L. Oxley, PhD
University of Pennsylvania
Project: *Anaplastic Lymphoma Kinase and its Inhibition in Cancer Therapy*

AAcr Basic Cancer Research Fellowship
Szilvia Solyom, PhD
Johns Hopkins University School of Medicine
Project: *The Impact of Human Retrotransposons on Gastrointestinal Cancers*

AAcr-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research
Jian Li Campian, MD, PhD
Johns Hopkins University
Project: *The Effect of IL-7 on Treatment Related Lymphopenia in High Grade Gliomas*

AAcr Judah Folkman Fellowship for Angiogenesis Research
Fusanori Yotsumoto, MD, PhD
Sanford-Burnham Medical Research Institute
Project: *Stromal Control of Brain Tumor Angiogenesis and Progression by NG2-PG*

AAcr-Millennium Fellowship in Lymphoma Research
Michael Pourdehnad, MD
University of California, San Francisco
Project: *Novel Mechanisms of mTOR Inhibitor Efficacy in Myc Positive Lymphomas*

AAcr-Millennium Fellowship in Prostate Cancer Research
Nicolas Sévère, PhD
Massachusetts General Hospital
Project: *Study the Role of the Bone Metastatic Microenvironment in Prostate Cancer*

QuadW Foundation-AAcr Fellowship for Clinical/Translational Sarcoma Research
Mohit Sachdeva, PhD
Duke University Medical Center
Project: *miR-182 in Sarcoma: Metastasis Biomarker and Target for Radiosensitization*

Pancreatic Cancer Action Network-AAcr Fellowship, in memory of Samuel Stroum
Andrew J. Aguirre, MD, PhD
Dana-Farber Cancer Institute
Project: *Validation of Novel KRAS Synthetic Lethal Targets in Pancreatic Cancer*

2012

AAcr-Amgen, Inc. Fellowships in Clinical/Translational Cancer Research
Ami S. Bhatt, MD, PhD
Dana-Farber Cancer Institute
Project: *Pathogen Discovery in Urothelial Cancer Using Next-Generation Sequencing*

AAcr-Amgen, Inc. Fellowships in Clinical/Translational Cancer Research
Sarah E. Bohndiek, PhD
Stanford University
Project: *Molecular Imaging and Diagnostics for Improved Ovarian Cancer Management*

AACR Anna D. Barker Fellowship in Basic Cancer Research
Amélie Griveau, PhD
University of California, San Francisco
Project: *Phosphorylated-Olig2 Biochemical Function in Pediatric Glioma*

AACR-Bristol Myers Squibb Oncology Fellowship in Clinical Cancer Research

Antonio Giordano, MD, PhD
University of Texas M.D. Anderson Cancer Center
Project: *Single-Nucleus Sequencing of Circulating Tumor Cells*

AACR-Conquer Cancer Foundation of ASCO Young Investigator Translational Cancer Research Award

Richard M. White, MD, PhD
Memorial Sloan Kettering Institute for Cancer Research
Project: *BRAFV600E as a Regulator of Transcriptional Elongation*

AACR-FNAB Fellows Grant for Translational Pancreatic Cancer Research

Olorunseun O. Ogunwobi, MD, PhD
University of Florida
Project: *Mechanisms of Metastasis in Pancreatic Cancer*

AACR-Genentech BioOncology Fellowship for Cancer Research on the HER Family Pathway

Sadhna Vora, MD
Massachusetts General Hospital
Project: *Fructose Metabolism as a Mechanism of Resistance to Pi3k Inhibitors*

2011

AACR-Amgen, Inc. Fellowships in Clinical/Translational Cancer Research

Kun Wang, PhD
University of Kansas Medical Center
Project: *Inhibition of RalA as a Novel Strategy for Targeting Ovarian Cancer*

AACR-Amgen, Inc. Fellowships in Clinical/Translational Cancer Research

Takashi Kobayashi, MD, PhD
Columbia University Medical Center
Project: *Novel Therapeutic Targets in Invasive Bladder Cancer*

AACR Anna D. Barker Fellowship in Basic Cancer Research
Daniel Schramek, PhD

The Rockefeller University
Project: *In vivo RNAi Screen to Identify Regulators of Skin Tumorigenesis*

AACR-Astellas Pharma Global Development Inc. Fellowship in Basic Cancer Research

Caroline Kumsta, PhD
Sanford-Burnham Medical Research Institute
Project: *Translational Control of Tumor Formation in C. Elegans*

AACR-Bristol Myers Squibb Oncology Fellowship in Clinical Cancer Research

Randall Joel Kimple, MD, PhD
University of Wisconsin-Madison
Project: *Human Papilloma Virus Modulation of Head and Neck Cancer Radiation Response*

AACR-FNAB Fellows Grant for Translational Pancreatic Cancer Research

Xiaoqun Dong, MD, PhD
University of Rhode Island
Project: *NR5A2/LRH1 as a Potential Therapeutic Target of Pancreatic Cancer*

The Conquer Cancer Foundation of ASCO-AACR Young Investigator Translational Cancer Award

Deepak Nijhawan, MD, PhD
UT Southwestern Medical Center
Project: *Identifying Cancer Targets in Regions of Broad Genomic Amplification in Lung Cancer*
*Partially funded by AACR, administered by the Conquer Cancer Foundation of ASCO

Fight Colorectal Cancer-AACR Fellowship, in memory of Lisa Dubow Jon H. Chung, PhD

Johns Hopkins University
Project: *Hedgehog Pathway Targeted Therapeutics for Metastatic Colorectal Cancer*

Pancreatic Cancer Action Network-AACR Fellowship
Cosimo Commisso, PhD

New York University School of Medicine
Project: *Pancreatic Cancer, Macropinocytosis and Nutrient Internalization*

Raymond and Beverly Sackler AACR Fellowship for Ileal Carcinoid Tumor Research

Monica Ter-Minassian, ScD
Dana-Faber Cancer Institute
Project: *Molecular Markers of Outcome in Ileal Carcinoid Tumor and Other NET*

Raymond and Beverly Sackler AACR Fellowship for Ileal Carcinoid Tumor Research

Yanping Li, PhD
Oregon Health & Science University
Project: *cAMP Regulation of Carcinoid Proliferation and Function*

2010

AACR Anna D. Barker Fellowship in Basic Cancer Research
Uddhav K. Shigdel, PhD

Harvard University
Project: *Crystallization of Type IIA Topoisomerase Using Covalent Cross-Linking*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Sophia Adamia, PhD
Dana-Farber Cancer Institute
Project: *Genome-wide Alternative Splicing in AML-Novel Targets for Antibody Therapy*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Abdel Kareem Azab, PhD
Dana-Farber Cancer Institute
Project: *The Role of Hypoxia in the Dissemination of Multiple Myeloma*

AACR-Astellas USA Foundation Fellowship in Basic Cancer Research
Jae H. Park, MD

Memorial Sloan Kettering Cancer Center
Project: *Modulating Tumor Microenvironment with Genetically Modified T Cells*

AACR-Astellas USA Foundation Fellowship in Basic Cancer Research
Karen J. Vrijens, PhD

St. Jude Children's Hospital
Project: *Small Molecule BMP Agonists as Therapeutic Agents for Brain Tumors*

AACR-AstraZeneca Fellowship for Translational Lung Cancer Research
Timothy F. Burns, MD, PhD

Johns Hopkins University School of Medicine
Project: *The Development of Targeted Therapeutic Approaches in Kras Mutant NSCLC*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research

Sameek Roychowdhury, MD, PhD

University of Michigan

Project: *Gene Fusions in Myeloproliferative Neoplasms*

AACR-Colorectal Cancer Coalition Fellows Grant, in memory of Lisa Dubow

Rona D. Yaeger, MD

Memorial Sloan Kettering Cancer Center

Project: *A Translational Study of Inhibiting AKT to Treat Colorectal Cancer*

AACR-FNAB Fellows Grant for Translational Pancreatic Cancer Research

Amy L. Collins, MD

The Ohio State University

Project: *The Role of Stellate Cells on MicroRNA Expression in Pancreatic Cancer*

AACR Judah Folkman Fellowship for Angiogenesis Research

Arbab Ghosh, MD, PhD

Memorial Sloan Kettering Cancer Center

Project: *Neovascularization in GVHD and Growth of Tumors in Recipients of allo-BMT*

AACR Judah Folkman Fellowship for Anti-Angiogenesis Research

Keli M. Turner, MD

University of Maryland

Project: *Inhibition of IL-1 as a Novel Target in Pancreatic Adenocarcinoma*

AACR- ASCO Cancer Foundation Young Investigator Translational Cancer Research Award

Aude Georgiana Chapuis, MD

Fred Hutchinson Cancer Research Center

Project: *Targeting Melanoma with Anti-CTLA-4 and NY-ESO-1-Specific Cytotoxic T Cells*

**Partially funded by AACR, administered by the Conquer Cancer Foundation of ASCO*

Pancreatic Cancer Action Network-AACR, in memory of Samuel Stroum

Vikram Bhattacharjee, PhD

Fox Chase Cancer Center

Project: *Candidate Gene Validation of Sensitizers of Pancreatic Cancer to Gemcitabine*

2009

AACR Anna D. Barker Fellowship in Basic Cancer Research

Sarah Talarico, PhD

Fred Hutchinson Cancer Research Center

Project: *H. pylori Adhesin Switching in Promoting Bacterial Evolution and Disease*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Grace Suh, MD

University of Texas M.D. Anderson Cancer Center

Project: *Inhibition of Autophagy in ARHI-Induced Model of Ovarian Cancer Dormancy*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Salvatore J. Coniglio, PhD

Albert Einstein College of Medicine of Yeshiva University

Project: *Mechanisms of Microglia-Stimulated Glioblastoma Invasion*

AACR-Astellas USA Foundation Fellowship in Clinical/Translational Cancer Research

Akash Patnaik, MD, PhD

Beth Israel Deaconess Medical Center

Project: *Targeting Obesity and Prostate Cancer in Autochthonous Mouse Models*

AACR-Astellas USA Foundation Fellowships in Basic Cancer Research

Cornelius Miething, MD

Cold Spring Harbor Laboratory

Project: *Identification of Novel Tumor Suppressors in B-cell Lymphomas by in-vivo RNAi*

AACR-Astellas USA Foundation Fellowships in Basic Cancer Research

Nesrine I. Affara, PhD

University of California, San Francisco

Project: *Manipulating Adaptive-innate Immune Cell Crosstalks during Carcinogenesis*

AACR-AstraZeneca Fellowship for Translational Lung Cancer Research

Wei Lin, MD

University of Texas M.D. Anderson Cancer Center

Project: *CXCL12/CXCR4 Axis in Tumor-Stroma Interaction in Metastatic Lung Cancer*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research

Jenna D. Goldberg, MD

Memorial Sloan Kettering Cancer Center

Project: *Post-transplant Administration of Interleukin-7*

AACR-Colorectal Cancer Coalition Fellows Grant, in memory of Lisa Dubow

Jeffrey Chou, MD, PhD

Fred Hutchinson Cancer Research Center

Project: *Epigenetic Modulation of Colorectal Cancer Stem Cells for Immunotherapy*

AACR-FNAB Fellows Grant for Translational Pancreatic Cancer Research

Eric R. Lutz, PhD

Johns Hopkins University,

Project: *Tregs and the Pancreatic Cancer Immunotherapy Induced T Cell Repertoire*

AACR- ASCO Cancer Foundation Young Investigator Translational Cancer Research Award

Sohail Tavazoie, MD, PhD

Memorial Sloan Kettering Cancer Center

Project: *The Regulation of Metastasis Suppressor microRNA Expression in Human Breast Cancer*

**Partially funded by AACR, administered by the Conquer Cancer Foundation of ASCO*

AACR-Genentech BioOncology Fellowship for Cancer Research on the HER Family Pathway

Marcia Campbell, PhD

University of California, San Francisco

Project: *Towards a Druggable HER3; a Structure, Function and Signaling Analysis*

Pancreatic Cancer Action Network-AACR Fellowship

David T. Ting, MD

Massachusetts General Hospital

Project: *Characterizing Circulating Tumor Cells in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Fellowship, in memory of Ruth Fredman Cernea

Philippe Foubert, PhD

University of California, San Diego

Project: *Role of Inflammation in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Fellowship, in memory of Samuel Stroum
Eric W. Humke, MD, PhD
Stanford University
Project: *A Novel Paracrine Hedgehog Signaling Loop in Pancreatic Adenocarcinoma*

2008

AACR Anna D. Barker Fellowship in Basic Cancer Research
Bernard Ayanga, PhD
University of Texas M.D. Anderson Cancer Center
Project: *Investigating The Mechanism of p63 and p73 In the DNA Damage Response*

AACR Centennial Predoctoral Fellowship in Cancer Research
Andrey S. Poleshko
Fox Chase Cancer Center
Project: *Identification and Evaluation of Key Mediators of Epigenetic Silencing*

AACR Centennial Postdoctoral Fellowship in Cancer Research
Catherine Guzzo, PhD
Johns Hopkins University
Project: *SUMO-Binding Proteins as Regulators and Effectors of SUMO Modification*

AACR Centennial Postdoctoral Fellowship in Cancer Research
Heiko Enderling, PhD
Caritas St. Elizabeth's Medical Center
Project: *Paradoxical Proliferation-apoptosis-migration Dynamics in Tumor Progression*

AACR Centennial Postdoctoral Fellowship in Cancer Research
Kutlu G. Elpek, PhD
Dana-Farber Cancer Institute
Project: *IL-15/IL-15Ralpha Complexes in Tumor Immunotherapy*

AACR Centennial Predoctoral Fellowship in Cancer Research
Martin Etzrodt
Massachusetts General Hospital
Project: *Real Time Imaging of Innate Immunity in the Tumor Microenvironment*

AACR Centennial Postdoctoral Fellowship in Cancer Research
Ravindra Majeti, MD, PhD
Stanford University
Project: *Targeting of Human AML Stem Cell-Specific Cell Surface Molecules*

AACR Centennial Predoctoral Fellowship in Cancer Research
Raymond E. Moellerling
Harvard University
Project: *Direct Inhibition of Notch Signaling in Cancer*

AACR Centennial Postdoctoral Fellowship in Cancer Research
Timothy Whitsett, Jr., PhD
The Translational Genomics Institute
Project: *Suppression of the ING4 Tumor Suppressor Gene by Estradiol in Breast Cancer*

AACR Centennial Predoctoral Fellowship in Cancer Research
Vivian Lee Weiss
Johns Hopkins University School of Medicine
Project: *Improving Cancer Therapy: Modification of High and Low Avidity T Cells*

AACR Centennial Predoctoral Fellowship in Cancer Research
Wen Xue, PhD
Cold Spring Harbor Laboratory
Project: *Probing Tumor Suppressor Gene Networks in Hepatocarcinomas by in vivo RNAi*

AACR George and Patricia Sehl Fellowship in Cancer Genetics
Keren Levanon, MD, PhD
Dana-Farber Cancer Institute
Project: *The Fallopian Tube as the Field of Origin of Ovarian Serous Carcinoma*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Christopher A. Maher, PhD
University of Michigan
Project: *The Role of microRNAs in Prostate Cancer Progression*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Kimberly Brown, PhD
Memorial Sloan Kettering Institute for Cancer Research
Project: *Identification of Androgen Receptor E3 Ubiquitin Ligases in Prostate Cancer*

AACR-Astellas USA Foundation Fellowship in Basic Cancer Research
Florian Bassermann, MD, PhD
New York University School of Medicine
Project: *Deregulation of SCF-Dependent Ubiquitylation in the Development of Multiple*

AACR-Astellas USA Foundation Fellowship in Basic Cancer Research
Ting Chen, PhD
The Rockefeller University
Project: *Identification and Characterization of Stem Cells in Skin Cancers*

AACR-Astellas USA Foundation Fellowship in Clinical/Translational Cancer Research
Akil Merchant, MD
Johns Hopkins University
Project: *Hedgehog Signaling in Normal and Malignant Hematopoiesis*

AACR-AstraZeneca-Prevent Cancer Foundation Fellowship for Translational Lung Cancer Research
Lauren Averett Byers, MD
University of Texas M.D. Anderson Cancer Center
Project: *Validation of a Proteomic Signature of Pemetrexed Resistance in NSCLC*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research
Panagiotis Konstantinopoulos, MD, PhD
Beth Israel Deaconess Medical Center
Project: *The Nrf2/Keap1 Pathway as Mediator of Platinum Resistance in Ovarian Cancer*

AACR-Colorectal Cancer Coalition Fellows Grant, in memory of Lisa Dubow
Yaguang Xi, MD, PhD
University of South Alabama
Project: *MicroRNAs, Novel Prognostic BioMarkers in Colorectal Cancer*

AACR-FNAB Fellows Grant for Translational Pancreatic Cancer Research
Heather Shah, MD
University of Alabama
Project: *Personalized Erlotinib Therapeutics: Low Morbidity Tissue-based Assays*

AACR Judah Folkman Fellowship for Cancer Research in Angiogenesis
Zoe Cournia, PhD
Yale University
Project: *MIF Inhibition as a Means to Suppress Tumor Growth and Angiogenesis*

AACR-National Brain Tumor Foundation Fellows Grant, in memory of Bonnie Brooks

Milan Chheda, MD
Massachusetts General Hospital
Project: *Identification & Characterization of Novel Genetic Drivers of Glioblastoma*

AACR-National Brain Tumor Foundation Fellowship, in memory of Bonnie Brooks
Heiko Wurdak, PhD
Scripps Research Institute
Project: *Engineering Multimodal Targeted Probes for Pancreatic Cancer Detection*

AACR-Prevent Cancer Foundation-AstraZeneca Fellowship in Translational Lung Cancer Research
Ji Luo, PhD
Brigham and Women's Hospital
Project: *A Genome-Wide Analysis of Acquired Gefitinib Resistance in Lung Cancer*

Pancreatic Cancer Action Network-AACR Fellowship for Pancreatic Cancer Research
Ken-Tye Yong, PhD
State University of New York at Buffalo
Project: *Engineering Multimodal Targeted Probes for Pancreatic Cancer Detection*

2007
AACR Anna D. Barker Fellowship in Basic Cancer Research
Xiaoyang Wu, PhD
Rockefeller University
Project: *Coordinated Cytoskeletal Dynamics and Polarity: Implications in Skin Cancer*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Elizabeth C. Chao, MD
University of California, Irvine
Project: *DASL-CRC: A Novel Assay to Identify Markers of Metastatic Recurrence*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Sao Jiralerspong, MD, PhD
University of Texas M.D. Anderson Cancer Center
Project: *The Role of LOXL2, GSK-3beta, and Snail in Invasive Breast Cancer*

AACR-AstraZeneca-Cancer Research and Prevention Foundation Fellowship in Translational Lung Cancer Research
Daniel B. Costa, MD
Beth Israel Deaconess Medical Center
Project: *Transcription Factors in the Pathogenesis and Treatment of Lung Cancer*

AACR-Barletta Foundation Fellows Grant for Translational Cancer Research
Sarat Chandarlapaty, MD, PhD
Memorial Sloan Kettering Cancer Center
Project: *Characterizing and Targeting Trastuzumab-resistant HER2+ Breast Cancer*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research
Yu Chen, MD, PhD
Memorial Sloan Kettering Cancer Center
Project: *Targeting the Androgen Receptor via the HDAC Pathway in Prostate Cancer*

AACR-Genentech BioOncology Fellowship for Cancer Research on the HER Family Pathway
Elizabeth A. Mittendorf, MD
University of Texas M.D. Anderson Cancer Center
Project: *HER2 and Cyclin E: A Novel Interaction in Breast Cancer*

AACR-MedImmune Fellowship for Research on Biologics-Based Therapies for Cancer
Hoyoung Maeng, MD
University of Texas M.D. Anderson Cancer Center
Project: *Restoration of fas Induced Apoptosis in Cancer*

AACR-National Brain Tumor Foundation Fellowship, in memory of Bonnie Brooks
Donghong Zhao, PhD
Beckman Research Institute of the City of Hope
Project: *The Role of Hypoxia in Neural Stem Cell Migration to Glioma Cells*

AACR-Pennsylvania Department of Health Fellowship in Cancer Research
Mei Kong, PhD
Abramson Family Cancer Research Institute, University of Pennsylvania
Project: *The Role of PP2A-associated Protein $\alpha 4$ in DNA Damage Response and Tumorigenesis*

AACR-Pennsylvania Department of Health Fellowship in Cancer Research
Jing Huang, PhD
The Wistar Institute
Project: *The Role of Lysine Demethylation in the Regulation of p53 Activity*

Pancreatic Cancer Action Network-AACR Fellowship for Pancreatic Cancer Research, in memory of Samuel Stroum
Hiroyuki Kashiwagi, MD
Washington University
Project: *Targeted Delivery of Pro-apoptotic Therapeutics in Pancreatic Cancer*

2006
AACR Anna D. Barker Fellowship in Basic Cancer Research
Shih-Peng Chan, PhD
Yale University
Project: *Potential Oncogenes Encoding microRNA Binding Proteins*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Andrew J. Armstrong, MD
Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins University
Project: *A Pharmacodynamic Study of Pre-prostatectomy Rapamycin in Men with Advanced Localized Prostate Cancer*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research
Rupal Satish Bhatt, PhD, MD
Beth Israel Deaconess Medical Center
Project: *ANGPTL4 as a Potentially Novel Biomarker and/or Therapeutic Angiogenic Target for Renal Cell Cancer*

AACR-AstraZeneca-Cancer Research and Prevention Foundation Fellowship in Translational Lung Cancer Research
Anil Potti, MD
Duke University Medical Center
Project: *Gene Expression Signatures of Oncogenic Pathway Deregulation Provide a Novel Approach to Selection of Molecular Targets in Recurrent Non-small Cell Lung Carcinoma*

AACR-Barletta Foundation Fellows Grant for Translational Cancer Research

Daniel C. Cho, MD

Beth Israel Deaconess Medical Center

Project: *Pathologic and Molecular Predictors of Response to Targeted Therapies in Renal Cancer*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research

Catherine S. Magid Diefenbach, MD

Memorial Sloan Kettering Cancer Center

Project: *YKL-40: A Novel Serum Marker for the Detection of Epithelial Ovarian Cancer and a Target for Tumor Directed Therapy*

AACR-Cancer Research and Prevention Foundation Melanoma Research Fellowship, given in memory of H. Theodore Shore

Juan Chen, MD

University of Miami School of Medicine

Project: *Two Novel Laminins in the Angiogenesis and Progression of Melanomas*

AACR-Genentech BioOncology Fellowship for Cancer Research on Angiogenesis

Marco Seandel, MD, PhD

Memorial Sloan Kettering Cancer Center and Weill Medical College of Cornell University

Project: *Regulation of Bone Marrow Derived Vascular Progenitor Cells by Androgens*

AACR-MedImmune Fellowship for Research on Biologics-Based Therapies for Cancer

Robert Jenq, MD

Memorial Sloan Kettering Cancer Center

Project: *Augmentation of Immune Responses to Melanoma DNA Vaccines after Allogeneic Bone Marrow Transplantation using Interleukin-7 and Keratinocyte Growth Factor*

AACR-Pennsylvania Department of Health Fellows Grant

Sibele I. Meireles, PhD

Fox Chase Cancer Center

Project: *Contribution of Estrogen Synthesis and Detoxification Enzyme Expression to Tobacco Smoke-induced Lung Cancer*

2005

AACR Anna D. Barker Fellowship in Basic Cancer Research

Andrea Bild, PhD

Duke University

Project: *Prediction of Deregulated Oncogenic Signal Transduction Pathway*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Matthew A. Maurer, MD

Columbia University

Project: *The Role of PDK1 in the Oncogenesis of Breast Cancer*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Sibele I. Meireles, PhD

Fox Chase Cancer Center

Project: *Contribution of Estrogen Synthesis and Detoxification Enzyme Expression to Tobacco Smoke-induced Lung Cancer in Women*

AACR-AstraZeneca-Cancer Research and Prevention Foundation Fellowship in Translational Lung Cancer Research

Jeffrey A. Engelman, MD, PhD

Dana-Farber Cancer Institute

Project: *Mechanism of Activation of the PI3-kinase/Akt Pathway in Gefitinib-sensitive and Resistant Non-small Cell Lung Cancer*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research

Yvette L. Kasamon, MD

Johns Hopkins University

Project: *Novel Immunotherapies for Hodgkin's lymphoma*

AACR-Genentech BioOncology Fellowship for Cancer Research on the HER Family Pathway

Prudence B. Lam, MD

Beth Israel Deaconess Medical Center

Project: *Novel Approaches for Targeting HER-2/neu Overexpressing Breast Cancer*

AACR-Pennsylvania Department of Health Fellowship in Basic Cancer Research

Edward F. Attiyeh, MD

Children's Hospital of Philadelphia

Project: *Functional Identification of Chromosome Arm 11q Genes Contributing to the Development of High-risk Neuroblastoma*

2004

AACR Anna D. Barker Fellowship in Basic Cancer Research

Xiaowei Chen, PhD

Fox Chase Cancer Center

Project: *BRCC36, a Novel Subunit of a BRCA1 E3 Ubiquitin Ligase Complex: Candidate for BRCA3*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Research

Mary Y. Armanios, MD

Johns Hopkins University

Project: *Telomerase and telomere length in tumorigenic and non-tumorigenic breast cancer*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Research

Rita Nahta, PhD

University of Texas M.D. Anderson Cancer Center

Project: *p27kip1 as a Therapeutic Target in Trastuzumab-resistant Breast Cancer*

AACR-AstraZeneca-Cancer Research and Prevention Foundation Fellowship in Translational Lung Cancer Research

Prasad S. Adusumilli, MD

Memorial Sloan Kettering Cancer Center

Project: *Synergistic Efficacy of Oncolytic Herpes Simplex Viral Therapy with Radiotherapy in the Treatment of Lung Cancer*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Cancer Research

Anderson B. Collier III, MD

University of Texas Southwestern Medical Center

Project: *The Frequency, Inheritance, and Prognostic Significance of Polymorphisms in the RASSF1A Gene in Children with Wilms Tumors*

AACR-Cancer Research and Prevention Foundation Fellowship in Cancer Prevention Research

Xiaochun Yu, MD, PhD

Mayo Clinic

Project: *Functional Analysis of BRCA1 BRCT Domain*

AACR-Irving Weinstein Foundation Fellowship in Basic Cancer Research

Philip A. Friedlander, MD, PhD

Memorial Sloan Kettering Cancer Center

Project: *The Role of cdc37 Protein in Tumorigenesis*

AACR William S. Graham Foundation Fellows Grant for Melanoma Research

Soheil S. Dadras, MD, PhD

Massachusetts General Hospital

Project: *Cutaneous Melanoma Lymphangiogenesis and LYVE-1 Expression: A Novel Interaction between Tumor Cells and Lymphatic Endothelium*

2003

AACR Anna D. Barker Fellowship in Basic Cancer Research

Geneviève Rodier, PhD

Institut de Recherches Cliniques de Montréal

Project: *Regulation of the SKP2 Protooncogene by Phosphorylation*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Research

Alice E. Guardino, MD, PhD

Stanford University Medical School

Project: *Turning Lymphoma Cells into A Tumor Vaccine*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Research

John V. Heymach, MD, PhD

Children's Hospital and Dana-Farber Cancer Institute

Project: *Circulating Endothelial Cells as a Surrogate Marker of Antiangiogenic Activity in Lung Cancer: Preclinical and Clinical Studies*

AACR-AstraZeneca-Cancer Research and Prevention Foundation Fellowship in Translational Lung Cancer Research

Patrick C. Ma, MD

Dana-Farber Cancer Institute/New England Medical Center

Project: *C-Met Mutational and Functional Analysis in Small Cell Lung Cancer: Potential for Therapeutic Inhibition*

AACR-Bristol-Myers Squibb Oncology Research Fellowship in Clinical Research

David Z. Chang, MD, PhD

Memorial Sloan Kettering Cancer Center

Project: *Xenogeneic gp100 DNA Vaccination to Break Immune Tolerance: A Phase I trial to Assess Safety and Immune Responses in AJCC Stage IIB, IIC, III, and IV Melanoma Patients*

AACR-Cancer Research and Prevention Foundation Fellowship in Prevention Research

Zhongxing Liang, MD, PhD

Emory University

Project: *Prevention of Breast Cancer Metastasis using CXCR4 Antagonists*

AACR-Pennsylvania Department of Health Fellowship in Cancer Research

Cameron N. Johnstone, PhD

University of Pennsylvania

Project: *Identification and Characterization of Candidate Tumor Suppressor Genes for Colorectal and Breast Cancer on Chromosome 22q*

2002

AACR Anna D. Barker Fellowship in Basic Cancer Research

Mark G. Frattini, MD, PhD

Memorial Sloan Kettering Cancer Center

Project: *Regulation of DNA Regulation in Fission Yeast*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Research

Hans Guido Wendel, MD

Memorial Sloan Kettering Cancer Center

Project: *Drug Sensitivity and Resistance in a Mouse Lymphoma Model*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Research

Hayley M. McDaid, PhD

Albert Einstein College of Medicine

Project: *The in vivo Efficacy of Combined Taxol and MEK Inhibition and the Occurrence and Prognostic Significance of Tubulin Mutations/polymorphisms in Non-small Cell Lung Cancer*

AACR-AstraZeneca-Cancer Research Foundation of America Fellowship in Translational Lung Cancer Research

Balazs Halmos, MD

Beth Israel Deaconess Medical Center

Project: *A Study of Aberrant Differentiation Pathways in Malignancies of the Airway Epithelium*

AACR-Bristol-Myers Squibb Oncology Research Fellowship in Clinical Research

Archie N. Tse, MD, PhD

Memorial Sloan Kettering Cancer Center

Project: *Abrogation of G2/M cell cycle checkpoint by 7-Hydroxystaurosporine (UCN-1): A Strategy for Targeting Tumors with Intrinsic Cell Cycle Checkpoint Defects*

AACR-Cancer Research Foundation of America Research Fellowship in Prevention Research

Nigel P. Mongan, PhD

Weill Medical College, Cornell University

Project: *Investigation of the Tumor Suppressor Functions of the Retinoic Acid Receptor beta-2*

AACR-Sidney Kimmel Foundation for Cancer Research Fellowship in Basic Research

Jiri Zavadil, PhD

Albert Einstein College of Medicine

Project: *Molecular Interactions of TGF-beta and Notch Signaling in Epithelial-mesenchymal Transition*

2001

AACR Anna D. Barker Fellowship in Basic Research

Sheila S. Stewart, PhD

Whitehead Institute for Biomedical Research

Project: *Molecular Mechanisms of Telomere Maintenance and Cellular Immortality in Tumorigenesis*

AACR-Amgen, Inc. Fellowship in Clinical/ Translational Research

Stacy L. Moulder, MD

Vanderbilt University Medical Center

Project: *Endothelial Progenitor Cells as a Novel Target for Anticancer Therapy*

AACR-Amgen, Inc. Fellowship in Clinical/ Translational Research

Stephan D. Voss, MD, PhD

Children's Hospital, Harvard Medical School

Project: *Development of Neuroblastoma-specific MION-based MRI Contrast Agents*

AACR-AstraZeneca-Cancer Research Foundation of America Research Fellowship in Translational Lung Cancer Research

Gillian E. Walker, PhD

Oregon Health Sciences University

Project: *Role of Mac25/Insulin-like Growth-factor-related Protein-1 and 25.1 Proteins in Neuroendocrine Differentiation of Non-small Cell Lung Carcinoma*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Research

Mercedes Porosnicu, MD, PhD

University of Miami

Project: *Selective Oncolytic Effect of Wild-type and Recombinant Vesicular Stomatitis Virus*

AACR-Cancer Research Foundation of America Fellowship in Prevention Research

Yan Dong, PhD

Roswell Park Cancer Institute

Project: *Identification of Biomarkers of Selenium Chemoprevention in Microarray Analysis*

AACR-Sidney Kimmel Foundation for Cancer Research Fellowship in Basic Research

Loren S. Michel, MD

Memorial Sloan Kettering Cancer Center

Project: *Analysis of Mad2 Haplo-insufficiency in Mice*

2000

AACR Anna D. Barker Fellowship in Basic Research

Sushil G. Rane, Ph.D.

Fels Institute for Cancer Research, Temple University School of Medicine

Project: *Role of an Activating Mutation in CDK4, CDK4R24C, in Cancer*

AACR-Amgen, Inc. Fellowship in Translational Research

Leo Luznik, MD

Johns Hopkins Oncology Center

Project: *Tumor Specific Vaccination After Non-myeloablative Allogeneic Bone Marrow Transplant*

AACR-Amgen, Inc. Fellowship in Translational Research

Talat H. Malik, PhD

Dana-Farber Cancer Institute

Project: *Role of a Novel Single Zinc-finger GATA Protein in Vertebrate Endoderm Development and Cancer*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Research

Daniel A. Laheru, MD

Johns Hopkins University School of Medicine

Project: *A Phase II Clinical Trial of an Allogeneic Pancreatic Cancer Vaccine Given in Sequence with Chemoradiation for Resected Pancreatic Cancer*

AACR-Cancer Research Foundation of America-Bristol-Myers Squibb Oncology Fellowship in Translational Colorectal Cancer Research

Salimuddin Shah, PhD

Lombardi Cancer Center, Georgetown University Medical Center

Project: *Cross-regulation of beta-catenin and Vitamin A and D Pathways in Colon Cancer*

AACR-Cancer Research Foundation of America Fellowship in Prevention Research

Mari Kuraguchi, PhD

Strang Cancer Research Laboratory

Project: *Molecular Basis of Dietary Risk in Intestinal Tumorigenesis*

AACR-Sidney Kimmel Foundation for Cancer Research Fellowship in Basic Research

Karlyne M. Reilly, PhD

Center for Cancer Research, Massachusetts Institute of Technology

Project: *Screen to Identify Genes Modifying Tumors in Nfl and p53 Mutant Mice*

1999

AACR Anna D. Barker Fellowship in Basic Research

Haihua Gu, PhD

Beth Israel Deaconess Medical Center

Project: *Role of a Novel Scaffolding Protein (p97/Gab2) in Cytokine Signaling and BCR-ABL Transformation*

AACR-Amgen, Inc. Fellowship in Translational Research

Brian K. Law, PhD

Vanderbilt Cancer Center

Project: *p70s6 Kinase in Farnesyltransferase Inhibitor-induced Growth Arrest*

AACR-Amgen, Inc. Fellowship in Translational Research

Helen X. Chen, MD

Lombardi Cancer Center, Georgetown University Medical Center

Project: *Evaluation of Tumor Uptake and Molecular Outcome of GEM231 in Patients with Resectable Colon Cancer Metastasis in the Liver*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Research

Richard Aplenc, MD

Children's Hospital of Philadelphia

Project: *A Nested Case Control Study of the Association of CYP3A4 Genotype and Treatment Outcome in Pediatric Acute Lymphoblastic Leukemia*

AACR-Cancer Research Foundation of America Fellowship in Prevention Research

Sulma I. Mohammed, PhD

Walther Cancer Institute, Purdue University

Project: *Phase II Clinical Trial of Piroxicam in Patients with Carcinoma in Situ of the Urinary Bladder: Effects of Piroxicam on Cyclooxygenase Angiogenesis and Tumor Progression*

AACR-Sidney Kimmel Foundation for Cancer Research Fellowship in Basic Research

Mensur Dlakic, PhD

Howard Hughes Medical Institute, University of Michigan

Project: *Defining the Interaction of bZIP Protein Maf with DNA*

1998

AACR-Amgen, Inc. Fellowship in Translational Research

Paul D. Boucher, PhD

University of Michigan

Project: *Mechanism of GCV-Mediated Cytotoxicity and Bystander Killing*

AACR-Amgen, Inc. Fellowship in Translational Research

Chung-Tsen Hsueh, MD, PhD

Memorial Sloan Kettering Cancer Center

Project: *Molecular Modulation of Antimetabolite-induced Apoptosis by Inhibitors of Protein Kinase C and Cyclin-dependent Kinases*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Research

Manuel Hidalgo, MD

Institute for Drug Development, Cancer Therapy and Research Center

Project: *Implementation of Surrogate Biological Markers in the Development of the Angiogenesis Inhibitor COL-3*

AACR-Cancer Research Foundation of America Fellowship in Prevention Research

Andrew K. Joe, MD

College of Physicians and Surgeons, Columbia University

Project: *Surrogate Markers and Chemoprevention in Barrett's Esophagus*

AACR Research Fellowship in Basic Cancer Research

Stephen W. Buck, PhD

Johns Hopkins University, School of Medicine

Project: *Alteration of Telomere Sequences in Mouse Cells*

AACR-Sidney Kimmel Foundation for Cancer Research Fellowship in Basic Research

Marlena S. Fejzo, PhD

University of California San Francisco Cancer Center

Project: *PIK3CA, a Candidate Gene for Ovarian Cancer and Other Cancers with 3q Amplification*

1997

AACR Fellowship in Basic Cancer Research

Joseph A. Bokar, MD, PhD

Case Western Reserve University

Project: *Function of N6-adenosine Methyltransferase in Cancer Cells*

AACR Fellowship in Basic Cancer Research

Joseph F. Costello, PhD

Ludwig Institute for Cancer Research, University of California

Project: *Two Dimension Genome Scanning of Human Gliomas*

AACR-Amgen, Inc. Fellowship in Clinical/Translational Cancer Research

Mary-Jane Staba-Hogan, MD

University of Chicago

Project: *Mechanisms of Radiosensitization of Adenovirus TNF Gene Therapy in Malignant Gliomas*

AACR-Bristol-Myers Squibb Oncology Fellowship in Clinical Research

Michael Girardi, MD

Yale University School of Medicine

Project: *DNA Immunization for T Cell Lymphoma*

AACR-Cancer Research Foundation of America Fellowship in Prevention Research

Richard Todd Reilly, PhD

The John Hopkins University School of Medicine

Project: *Antigen-based Strategy for the Prevention of Breast Cancer*

AACR-Sidney Kimmel Foundation for Cancer Research Fellowship in Basic Research

Hong-Gang Wang, PhD

The Burnham Institute, La Jolla Cancer Center

Project: *Apoptosis Regulation by Bcl-2 and Raf-1 on Mitochondria*

1996

AACR Fellowship in Basic Cancer Research

Jennifer J. Dowhanick, PhD

Harvard Medical School

Project: *Growth Inhibition of Cervical Cancer Cells by the HPV E2 Protein*

AACR-Amgen, Inc. Research Fellowship in Clinical/Translational Research

Michael C. Jensen, MD

University of Washington and the Fred Hutchinson Cancer Research

Center

Project: *Preclinical Studies for the Adoptive Cellular Immunotherapy of Glioma*

Team Science

A growing trend within cancer research is collaborative team science grants in which team members with training and expertise in different fields work together to combine or integrate their perspectives in a single research project. The purpose of this exciting model is to establish and support a focused and intense effort to affect these scientific advances as rapidly as possible. AACR'S Team Science Grants fund cutting-edge cancer research projects that will result in more rapid advances in the treatment and prevention of cancer. These grants may be focused in any area of basic, translational, or clinical cancer science, and require each application to include researchers from multiple institutions. They provide at least \$1 million over multiple years for team-based research.

2015

Pancreatic Cancer Action Network-AACR Research Acceleration Network Grant

Channing J. Der, PhD

The University of North Carolina at Chapel Hill

Jason B. Fleming, MD, FACS

University of Texas M.D. Anderson Cancer Center

Krister Wennerberg, PhD

University of Helsinki

Project: *Defining Novel Combination KRAS-Targeted Therapeutic Strategies*

Pancreatic Cancer Action Network-AACR Research Acceleration Network Grant

Jonathan R. Brody, PhD

Thomas Jefferson University

Christopher Albanese, PhD

Georgetown University

Subha Madhavan, PhD

Georgetown University

Emanuel F. Petricoin, III, PhD

George Mason University

Michael J. Pishvaian, MD, PhD

Georgetown University

Project: *Developing an Algorithm for Molecular Tailored Therapy*

Pancreatic Cancer Action Network-AACR Research Acceleration Network Grant, supported by Celgene Corporation

Steven D. Leach, MD

Memorial Sloan Kettering Cancer Center

Douglas T. Fearon, MD

Weill Cornell Medical College/Cold Spring Harbor Laboratory

Project: *Eliminating T cell Barriers in Pancreatic Cancer Patients*

2014

Pancreatic Cancer Action Network-AACR Research Acceleration Network Grant, in memory of Skip Viragh

Giulio F. Draetta, MD, PhD

University of Texas M.D. Anderson Cancer Center

Lewis C. Cantley, PhD

Joan & Sanford I. Weill Medical College of Cornell University

Project: *Developing a Novel Oxidative Phosphorylation Inhibitor in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Research Acceleration Network Grant, supported by the Fredman Family Foundation

Dung T. Le, MD

Johns Hopkins University

Todd S. Crocenzi, MD

Providence Portland Medical Center

Project: *GVAX + CRS-207 Heterologous Prime Boost Vaccination with PD-1 Blockade*

2013

Pancreatic Cancer Action Network-AACR Inaugural Research Acceleration Network Grant, in memory of Skip Viragh

Michael G. Goggins, MD

Johns Hopkins University

Marcia Irene Canto, MD

Johns Hopkins University

Anil K. Rustgi, MD

University of Pennsylvania

Project: *CAPS Multicenter Trial: Imaging and Markers for Pancreatic Cancer Screening*

Pancreatic Cancer Action Network-AACR Inaugural Research Acceleration Network Grant, supported by Tempur-Pedic in memory of Tim Miller

Robert H. Vonderheide, MD, DPhil

Abramson Cancer Center of University of Pennsylvania

Dafna Bar-Sagi, PhD

New York University, Langone Medical Center

Project: *Accelerating Development of CD40 Therapy for Pancreatic Cancer*

Pathway to Independence Awards

AACR Pathway to Independence awards were created in 2009 to ensure the future leadership of cancer research by supporting outstanding young investigators beginning in their postdoctoral research positions and continuing through their successful transition to independence. Each grant provides the recipient with up to five years of support and consists of two phases. The initial Mentored Phase lasts up to two years, during which time recipients will receive \$50,000-\$75,000 per year and are expected to work closely with mentors to develop an independent research plan. By the end of the mentored phase, the recipient is expected to attain an independent research position. The recipient will receive funding totaling \$100,000-\$150,000 per year over three years in the independent phase. Support must increase between the mentored and independent phase. Through this program, AACR has distributed over \$7 million in research funding.

2017

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant

Luisa F. Escobar-Hoyos, MSc, PhD

Memorial Sloan Kettering Cancer Center

Project: *mRNA splicing in pancreatic adenocarcinoma*

2016

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant

Rohit Chandwani, MD, PhD

Memorial Sloan Kettering Cancer Center

Project: *The epigenetic plasticity of pancreatic adenocarcinoma*

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant

Dannielle Engle, PhD

Cold Spring Harbor Laboratory

Project: *Exploring Glycobiology and Discovering Biomarkers for Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant, in memory of Carina Rogerson

Wantong Yao, MD, PhD

University of Texas M.D. Anderson Cancer Center

Project: *Syndecan-1 is a novel regulator for nutrient salvage pathway*

2015

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant

Kirsten L. Bryant, PhD

The University of North Carolina at Chapel Hill

Project: *Exploiting Pancreatic Cancer Cell Metabolism for Therapeutic Gain*

2014

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant

Gina M. DeNicola, PhD

Joan and Sanford I. Weill Medical College of Cornell University

Project: *Therapeutic Targeting of NRF2-regulated Metabolism in Pancreatic Cancer*

2013

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant

Costas A. Lyssiotis, PhD

University of Michigan

Project: *Exploration and Targeting of Metabolic Dependencies in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant

Yuliya Pylayeva-Gupta, PhD

New York University School of Medicine

Project: *Immunomodulatory Mechanisms in Kras-driven Pancreatic Cancer and Metastasis*

2012

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant, supported by Celgene Corporation

Stephanie K. Dougan, PhD

Whitehead Institute for Biomedical Research

Project: *Transnuclear Mice: Understanding the T Cell Response to Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant, supported by The Daniel and Janet Mordecai Foundation

Oliver Gene McDonald, MD, PhD

Johns Hopkins University School of Medicine

Project: *Genome-wide Epigenetic Reprogramming during Evolution of Pancreatic Cancer*

2011

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant

E. Scott Seeley, MD, PhD

University of California, San Francisco

Project: *Transport of Proteins as Modifiers of Oncogenic Signaling in Pancreatic Cancer*

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant

Jennifer M. Bailey, PhD

Johns Hopkins University School of Medicine

Project: *Stop the Start: Novel Insights into PanIN Initiation and Progression*

2010

Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant supported by Tempur-Pedic Retailers

Zeshaan A. Rasheed, MD, PhD

Johns Hopkins University School of Medicine

Project: *Are Cancer Stem Cells Relevant in Pancreatic Adenocarcinoma?*

Supplemental Research Grants

AACR Supplemental Research Grants follow the "Grants-in-Aid of Research" model, providing support to supplement existing funding for an investigator conducting a cancer research project that will contribute to the acceleration of the progress of the work. This mechanism provides \$10,000 in support over one-year.

2016

AACR-Bayer Innovation and Discovery Grants

Songon An, PhD

University of Maryland, Baltimore County

Project: *Cancer-specific Metabolic Complex for Small Molecule Drug Discovery*

AACR-Bayer Innovation and Discovery Grants

Stephane Angers, PhD

University of Toronto Faculty of Pharmacy

Project: *Targeting FZD5 in a subset of pancreatic cancer*

AACR-Bayer Innovation and Discovery Grants**Devraj Basu MD, PhD, FACS**

University of Pennsylvania School of Medicine

Project: *Pre-clinical assessment of combined PI3K targeting and JARID1B inhibition in head and neck cancer***AACR-Bayer Innovation and Discovery Grants****Dan A. Dixon, PhD**

University of Kansas Cancer Center

Project: *Targeting HuR in Colon Cancer***AACR-Bayer Innovation and Discovery Grants****David A. Frank, MD, PhD**

Dana-Farber Cancer Institute

Project: *Enhanced Anti-Cancer Immunotherapy through Targeted STAT3 Inhibition***AACR-Bayer Innovation and Discovery Grants****Marina K. Holz, PhD**

Yeshiva University

Project: *ERRα as a marker in TNBC***AACR-Bayer Innovation and Discovery Grants****Rosa F. Hwang, MD**

University of Texas MD Anderson Cancer Center

Project: *Targeting DKK3 in the Tumor Microenvironment for the Treatment of Pancreatic Cancer***AACR-Bayer Innovation and Discovery Grants****Costas Andreas Lyssiotis, PhD**

University of Michigan

Project: *Development of Small Molecule Inhibitors of the Pancreatic Cancer-Specific Enzyme GOT1***AACR-Bayer Innovation and Discovery Grants****Richard T. Pomerantz, PhD**

Temple University Lewis Katz School of Medicine

Project: *Targeting Polymerase Theta for Precision Medicine in BRCA-Deficient Cancers***AACR-Bayer Innovation and Discovery Grants****Andreas L. Simons-Burnett, PhD**

University of Iowa

Project: *Targeting IL-1 alpha for HNSCC therapy***2013****AACR Dharma Master Jiantai Innovative Grant for Lung Cancer Research****David B. Shackelford, PhD**

University of California, Los Angeles

Project: *Develop Novel Therapeutic Strategies to Target LKB1 Deficient Lung Cancer***2012****AACR Dharma Master Jiantai Innovative Grant for Lung Cancer Research****Julie M. Wells, PhD**

The Jackson Laboratory

Project: *Detecting Changes in Circulating MicroRNAs During Lung Cancer Progression***AACR-Life Technologies Supplemental Grant for Colorectal Cancer Research****Richard B. Halberg, PhD**

University of Wisconsin

Project: *Molecular Differences Predicting Tumor Progression in Colorectal Cancer***2011****AACR Dharma Master Jiantai Innovative Grant for Lung Cancer Research****Katrina A. Steiling, MD**

Boston University

Project: *Airway Genomics for the Early Detection of Lung Cancer***Avon Foundation-AACR International Scholar Awards in Breast Cancer Research**

The goal of the Avon Foundation-AACR International Scholar Awards in Breast Cancer Research is to enhance the quality of cancer research in countries where opportunities for specialized scientific training and advancement for physicians and scientists are limited. The program provides promising junior faculty members residing and conducting breast cancer research in those areas of the world with a two-year career development experience under the mentorship of a renowned breast cancer scientist at a prominent United States-based institution. Funding for the Scholar's salary, research expenses, professional development opportunities, and institutional overhead are included in the Award.

Scholar: Yi Chen, PhD

Lecturer, Shanghai Institute of Materia Medica

Chinese Academy of Sciences

Term in United States: November 2006-2008

Host: Joyce M. Slingerland, MD, PhD

Director, Braman Breast Cancer Institute

University of Miami School of Medicine

Research: *Molecular targeted therapies to reverse antiestrogen resistance in breast cancer***Scholar: Ozlem Er, MD**

Assistant Professor, Erciyes University

Dedeman Oncology Hospital

Term in United States October 2006-2008

Host: Michael P. Lisanti, MD, PhD

Professor, Department of Cancer Biology

Kimmel Cancer Center, Thomas Jefferson University

Research: *Caveolin-1, mammary dysplasia, and breast cancer pathogenesis***Scholar: Amjad A. Mahasneh, PhD**

Assistant Professor

Jordan University of Sciences and Technology

Term in United States: July 2006-2008

Host: Christine B. Ambrosone, PhD

Associate Professor and Chair

Roswell Park Cancer Institute

Research: *Effect of genetic and lifestyle factors on response to treatment for breast cancer***Scholar: Catalin V. Marian, MD**

Instructor

Victor Babes University of Medicine and Pharmacy

Term in United States: April 2006-2008

Host: Peter G. Shields, MD

Director, Lombardi Comprehensive Cancer Center

Georgetown University School of Medicine

Research: *Why alcohol drinking causes breast cancer: a molecular epidemiology paradigm*

Scholar: Lina Mu, PhD

Assistant Professor, Institute for Preventative Medicine
Fudan University
Term in United States: February 2006-2008

Host: Herbert Yu, MD, PhD

Associate Professor, Division of Chronic Disease Epidemiology
Yale University School of Medicine
Research: *Molecular characterization of the insulin-like growth factor system in breast cancer and its association with progression*

Scholar: Hulya Yazici, PhD

Associate Professor, Oncology Institute
Istanbul University
Term in United States: December 2005-2007

Host: Regina M. Santella, PhD

Professor, Environmental Health Sciences
Mailman School of Public Health, Columbia University
Research: *Gene-environment interactions in breast cancer etiology and prognosis*

Scholar: Norazizah Shafee, PhD

Senior Lecturer
Universiti Putra Malaysia
Term in United States: November 2005-2007

Host: Eric J. Stanbridge, PhD

Professor, Department of Microbiology & Molecular Genetics
University of California College of Medicine
Research: *Gene therapy for breast cancer: targeting hypoxic cells*

Scholar: Xiaojing Meng, MD, PhD

Associate Professor, Department of Environmental Medicine, College of Public Health
Southern Medical University
Term in United States: November 2005-2007

Host: Margot M. Ip, PhD

Professor and Member, Department of Pharmacology and Therapeutics
Roswell Park Cancer Institute
Research: *Prevention of breast cancer with conjugated linoleic acid*

Scholar: Eduardo C. Dias, MD

Breast Surgeon/Researcher
Monhois de vento Hospital
Term in United States: October 2005-2007

Host: Carlos L. Arteaga, MD

Professor of Medicine and Cancer Biology, Division of Oncology
Vanderbilt University
Research: *Proteomic profiling of breast cancer and tumor stroma to detect patterns with therapeutic implications and identify novel biomarkers*

Scholar: Radmila N. Jankovich, PhD

Assistant Research Professor
Institute for Oncology and Radiology of Serbia
Term in United States: September 2005-2007

Host: Michael D. Johnson, PhD

Assistant Professor of Oncology
Georgetown University Medical Center
Research: *Molecular determinants of the onset and progression of breast cancer*

Scholar: Irina N. Alimova, PhD

Instructor, N. N. Petrov Research Institute of Oncology
St. Petersburg, Russia
Term in United States: August 2005-2007

Host: Ann D. Thor, MD

Chair, Department of Pathology
University of Colorado Health Sciences Center
Research: *E2 modulation of tumorigenesis in erbB-2 transgenic mice*

Scholar: Mona Mostafa Mohamed, PhD

Assistant Professor, Department of Zoology, Faculty of Science
Cairo University
Term in United States: April 2005-2007

Host: Bonnie F. Sloane, PhD

Professor & Chair, Department of Pharmacology
Protease Breast Cancer Center of Excellence, Wayne State University
School of Medicine
Research: *Validation of proteases as therapeutic targets in breast cancer: functional imaging of protease expression, activity, and inhibition*

AACR-National Foundation for Cancer Research Professorship in Basic Cancer Research

The AACR and the National Foundation for Cancer Research established this Professorship in 2000 to recognize a senior scientist at the level of Associate Professor or Professor who is currently engaged in an active research career anywhere in the world and who has demonstrated extraordinary achievement in basic cancer research. It is awarded to an individual who shows promise for continued substantive contributions to basic cancer research and is intended to foster the research productivity of the recipient by enabling him or her to devote more time to basic research. Candidates were nominated by their peers. The final grant was presented in 2004.

2004

Scott W. Lowe, PhD
Cold Spring Harbor Laboratory

2002

Victoria Lundblad, PhD
Baylor College of Medicine

2003

Manuel Perucho, PhD
The Burnham Institute

2000

Daniel A. Haber, MD, PhD
Massachusetts General Hospital

Dorothy P. Landon-AACR Prize for Translational Cancer Research

A \$100,000 honorarium was provided in the form of a \$15,000 honorarium and \$85,000 research grant to be applied to direct research expenses, including the salary and benefits for young investigators.

2009

Charles L. Sawyers, MD

Memorial Sloan Kettering Cancer Center, New York, NY

Kirk A. Landon-AACR Prize for Basic Cancer Research

A \$100,000 honorarium was provided in the form of a \$15,000 honorarium and \$85,000 research grant to be applied to direct research expenses, including the salary and benefits for young investigators.

2009

Peter A. Jones, PhD, DSc (Co-recipient)

USC/Norris Comprehensive Cancer Center, Los Angeles, CA

Stephen B. Baylin, MD (Co-recipient)

The Sidney Kimmel Comprehensive Cancer Center at John Hopkins University, Baltimore, MD