

# THE HOPE FOUNDATION

## FOR CANCER RESEARCH

### SWOG/Hope Foundation Impact Awards

All Grants Awarded

#### 2020

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**George V. Thomas, MD**, Oregon Health & Science University

*"Developing Novel Polytherapies for Non-Clear Cell Renal Carcinoma"*

#### 2019

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**Corey Speers, MD, PhD, and James Rae, PhD**, University of Michigan

*"Derivation of endocrine and chemotherapy resistance gene signatures and evaluation of previously developed molecular signatures as prognostic and predictive biomarkers in SWOG 8814"*

**Shing Lee, PhD**, Columbia University & **Joseph Unger, PhD**, Fred Hutchinson Cancer Research Center

*"Analysis and visualization of adverse events and patient-reported outcomes that reflect overall treatment toxicity burden"*

#### 2018

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**Richard Burack, MD, PhD**, University of Rochester Medical Center

*"Targeting TP53 with radioimmunotherapy in lymphoma"*

**Brian Shuch, MD**, University of California, Los Angeles

*"Identification and Characterization of Oncometabolite-Induced DNA Repair Defects in Sporadic Papillary Kidney Cancer"*

**Austin Kirschner, MD**, Vanderbilt University Medical Center

*"Immuno-PET imaging as a predictive biomarker for immune-radiotherapy for metastatic castration-resistant prostate cancer"*

#### 2017

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**Irene Tami-Maury, DMD, MSc, DrPH**, MD Anderson Cancer Center

*"STOP, SWOG Tobacco Program for the Oncology Practice"*

#### 2016

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**Yi-Fen Lee, PhD & Edward M. Messing, MD**, University of Rochester

*"Extracellular Vesicle Biomarkers for Predicting Response to BCG Therapy"*

**Joshi J. Alumkal, MD**, Oregon Health & Science University

*"Targeting AR-Independent Mechanisms of Prostate Cancer Progression with BET Bromodin Inhibition"*

**Michael W. Deininger, MD, PhD**, University of Utah Huntsman Cancer Institute

*"Targeting Nuclear-Cytoplasmic Transport in Myelofibrosis"*

**Eduardo Vilar Sanchez, MD, PhD**, MD Anderson Cancer Center

*"Sulindac plus Bexarotene for Chemoprevention of Colorectal Polyps"*

## 2015

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**Daruka Mahadevan, MD, PhD**, University of Arizona

*"Aurora plus PI3K Inhibition Abrogates PD-L1 Induction in Nodal T-cell Lymphoma"*

**Catharine L. Smith, PhD**, University of Arizona

*"Identifying Biomarkers of Sensitivity to Histone Deacetylase Inhibitors in DLBCL"*

**Marc Loriaux, MD, PhD**, Oregon Health & Science University

*"Personalizing treatment for newly diagnosed AML using a novel ex vivo screen"*

## 2014

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**Kevin Kalinsky, MD, MS**, Columbia University Cancer Center

*"Master regulator analysis to prioritize testing of patient-derived xenografts to identify effective precision treatments for patients with residual disease after neoadjuvant breast cancer chemotherapy"*

**Scott Kopetz, MD, PhD**, MD Anderson Cancer Center

*"Patient-derived xenografts as a model for treatment efficacy and resistance mechanisms in a matched prospective clinical trial: SWOG S1406 for BRAF-mutated metastatic colorectal cancer"*

**Roger Lo, MD, PhD and Antoni Ribas, MD, PhD**, University of California, Los Angeles

*"Combined BRAF/AKT Inhibition to Reverse Melanoma Resistance to MAPK Inhibition"*

## 2013

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**Robert Doebele, MD**, University of Colorado

*"Evaluation of crizotinib resistance mechanisms to predict pemetrexed sensitivity"*

**Omar Aljotawi, MD**, University of Kansas Medical Center

*"Pilot study exploring the use of hyperbaric oxygen in autologous PBSC transplantation"*

## 2012

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**Mikala Egeblad, PhD**, Cold Spring Harbor Laboratory

*"Real-time response to bevacizumab and cytotoxic therapy"*

**Matthew Maurer, MD**, Columbia University

*"CSI-Lethality: a novel strategy for cancer therapeutic target discovery"*

**Roland B. Walter, MD, PhD**, Fred Hutchinson Cancer Research Center  
*"Prognostic and Therapeutic Significance of Stem Cell Heterogeneity in AML"*

**Vivian Oehler, MD**, Fred Hutchinson Cancer Research Center  
*"Aberrant Myeloid Differentiation and MicroRNA Regulation in Acute Leukemia"*

**Monika Schmelz, PhD**, University of Arizona Cancer Center  
*"Mechanisms for Immune Escape in Aggressive Lymphoma with Poor Survival"*

## **2011**

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**Min Fang, MD, PhD**, Fred Hutchinson Cancer Research Center  
*"Identification of Differently Methylated Genomic Regions That Are Prognostically Significant in AML"*

**Manual Valdivieso, MD**, University of Michigan  
*"The Role of Contaminated Water in H. pylori"*

**Dawn Hershman, MD**, Columbia University & **John Crowley, PhD**, Cancer Research And Biostatistics  
*"Obtaining Medicare Claims Data for Use in SWOG Comparative Effectiveness Studies"*

**R. Eric Davis, MD**, MD Anderson Cancer Center  
*"Developing Combination Chemotherapy and Targeting Resistance in B-Cell Lymphoma"*

**Daruka Mahadevan, MD**, University of Tennessee Health Science Center  
*"Novel Aurora plus Bruton's Tyrosine Kinase Targeted Therapies for Aggressive B-cell non-Hodgkin's Lymphoma"*

**George V. Thomas, MD**, Oregon Health & Science University  
*"Inhibiting Src in VHL-Positive Renal Cell Carcinoma"*

**Robert Krouse, MD**, University of Arizona Cancer Center  
*"Prospective Validation of Karyometric Analysis: Cutaneous Squamous Cell Carcinoma"*

**Updated July 2020**