ALTERNATIVES
RESEARCH & DEVELOPMENT
FOUNDATION

THIRTY YEARS OF SUPPORTING CANCER RESEARCH

Throughout ARDF's 30-year history, we have funded many cancer-related projects that demonstrate the value and utility of nonanimal-based methods for addressing some of the most pressing challenges to advancing human health.

2024

TIEN-CHAN HSIEH, MD & CHAN ZHOU, PHD

University of Massachusetts Chan Medical School; Worcester, MA

Computational discovery of long non-coding RNAs as novel relapse risk biomarkers for pediatric acute lymphoblastic leukemia

WONJAE LEE, PHD

Duke University; Durham, NC

Developing Human Cell-Based Glioblastoma Models Free from Animal Derivatives

2022

EUGEN DHIMOLEA, PHD

Albert Einstein College of Medicine; New York, NY

In vitro human-specific 3-dimensional co-cultures to substitute animal models of cancer drug efficacy

CRISTINA SCIELZO, PHD

Università Vita-Salute San Raffaele; Milan, Italy

Exploring 3D bioprinting and dynamic growth in bioreactors to recapitulate leukemia cell dissemination ex-vivo

MEENAKSHI UPRETI, PHD & PETER CHIARELLI, MD, DPHIL

Children's Hospital Los Angeles; Los Angeles, CA

3D In-vitro platform integrating the Diffuse Intrinsic Pontine Glioma microenvironment

2020

CIHANGIR DUY, PHD

Fox Chase Cancer Center; Philadelphia, PA

Long-term in vitro co-culture model for maintenance and screening of human primary acute myeloid leukemias (AML)

2018

GARGI GHOSH, PHD

University of Michigan; Dearborn, MI

Development of 3D printed model of breast cancer metastasis to bone for preclinical drug screening

ERIKA DARRAH, PHD & ELENI TINIAKOU, MD

Johns Hopkins University School of Medicine; Baltimore, MD

Harnessing the Human Immune System to Identify Candidate Epitopes for Cancer Vaccine Development

MELISSA HERBST-KRALOVETZ, PHD & PAWEL LANIEWSKI, PHD

University of Arizona; Phoenix, AZ

Vaginal Bacteria as Oncogenic Drivers: Using a Human 3-D Endocervical Epithelial Cell Model to Investigate Bacterial Influence on Hallmarks of Cancer

2017

GARGI GHOSH, PHD

University of Michigan; Ann Arbor, MI

Development of 3D tumor angiogenesis model for pre-clinical drug screening

THOMAS SANDERSON, PHD

Institut National de la Recherche Scientifique; Laval, QC, Canada

An in vitro human co-culture model of the hormone-dependent breast cancer microenvironment

ARANZAZU VILLASANTE, PHD

Columbia University; New York, NY

Tissue-engineered platform for studies of antiosteolytic and antineoplastic drugs

2016

SAMANTHA MEENACH, PHD

University of Rhode Island; Kingston, RI

Development of an Integrated In Vitro Air-Grown Lung Cancer Pre-Clinical Assay Platform

LUCA CUCULLO, PHD

Texas Tech University Health Sciences Center; Lubbock, TX

A humanized blood-brain tumor barrier model to assess drug delivery of chemotherapeutic treatment

2012

CHRISTOPHER H. CONTAG, PHD

Stanford University; Stanford, CA

An In Vitro Model of Human Breast Cancer Metastasis

ADRIAN MCNAIRN, PHD

Cornell University; Ithaca, NY

Development of an inducible in vitro system to study spontaneous transformation of human mammary epithelial cells

2011

CHRISTOPHER H. CONTAG, PHD

Stanford University; Stanford, CA

A Viable Human Tissue Model for the Development of Cancer Imaging Agents

2006

GERBURG M. WULF, MD, PHD

Beth Israel Deaconess Medical Center; Boston, Massachusetts

Ex Vivo Mammary Epithelial Cell Cultures as Model to Replace in Vivo Mouse Models of Breast Cancer

JOSEPH L. ROTI ROTI, PHD

Washington University; St. Louis, MO

Using Aggregates of Cancer Cell Lines Grown in a Perfused Bioreactor as an Alternative to Animal Models for Evaluating the Efficacy of Radiotherapy and Chemotherapy Treatment Protocols

2005

JIN Z. ZHANG, PHD

University of California; Santa Cruz, CA

Development of a Simple, Inexpensive Alternative to Animal Models for Testing New Photosensitizers for Cancer Photodynamic Therapy

2001 & 2002

CAROL REINISCH, SCD

Marine Biological Laboratory at Woods Hole; Woods Hole, MA

Regulation of the p53 Gene Family Expression in Clam Leukemia Cells

1994

JOHN M. SEDIVY, PHD

Yale University School of Medicine; New Haven, CT

A New Human Cell Culture Assay for the Identification of Anti-Cancer Drugs

Advancing alternatives to animal methods since 1993

www.ardf-online.org • info@ardf-online.org