AACR AWARD FOR LIFETIME ACHIEVEMENT IN CANCER RESEARCH

Frederick W. Alt, PhD
Director, Program in Cellular and Molecular Medicine, Boston Children’s Hospital
Charles A. Janeway Professor of Pediatrics, Professor of Genetics, Harvard Medical School
Boston, MA

For his discovery of gene amplification in mammalian cancer cells, establishing oncogene amplification as a tumor progression mechanism, elucidating non-homologous end-joining, and revolutionizing the understanding of how genomic rearrangements form and how they contribute to cancer.

AACR AWARD FOR OUTSTANDING ACHIEVEMENT IN BASIC CANCER RESEARCH

Nicholas E. Navin, PhD
Associate Professor, Department of Genetics, Division of Basic Sciences
Director, CPRIT Single Cell Genomics Center
Co-Director, Advanced Technology Genomics Core
University of Texas MD Anderson Cancer Center
Houston, TX

For his seminal contributions to the understanding of genome evolution and intratumor heterogeneity in breast cancer and for his invention of single-cell DNA sequencing, which has impacted many diverse fields of biology and biomedicine and has directly contributed to the establishment of the single cell genomics field.
AACR AWARD FOR OUTSTANDING ACHIEVEMENT IN CHEMISTRY IN CANCER RESEARCH

Cynthia Wolberger, PhD
Professor of Biophysics and Biophysical Chemistry
Johns Hopkins University School of Medicine
Baltimore, MD

For her pioneering structural studies elucidating the molecular mechanisms underlying combinatorial regulation of transcription, ubiquitin signaling, and epigenetic histone modifications, which have collectively transformed drug discovery and development efforts worldwide.

AACR DANIEL D. VON HOFF AWARD FOR OUTSTANDING CONTRIBUTIONS TO EDUCATION AND TRAINING IN CANCER RESEARCH

Daniel D. Von Hoff, MD, FACP, FASCO, FAACR
Distinguished Professor, Translational Genomics Research Institute (TGen), Phoenix, AZ
Virginia G. Piper Distinguished Chair for Innovative Cancer Research, HonorHealth Clinical Research Institute
Margaret Givan Larkin Endowed Chair in Developmental Cancer Therapeutics, Hoag Family Cancer Institute
Chief Scientific Officer, US Oncology Research
Professor of Medicine, University of Arizona and Mayo Clinic, Scottsdale, AZ
Distinguished Professor, Department of Medical Oncology and Therapeutic Research, City of Hope, Duarte, CA

For groundbreaking accomplishments as a dedicated and inspirational educator, sustained scientific innovation that has accelerated advances in cancer science and medicine, and his extraordinary contributions to the education and training of thousands of clinical cancer investigators.
AAPR DISTINGUISHED LECTURESHIP IN BREAST CANCER RESEARCH

Susan E. Hankinson, ScD, MPH
Distinguished Professor of Epidemiology
Associate Dean for Research, School of Public Health and Health Sciences
University of Massachusetts
Amherst, MA

In recognition of fundamental population-based research that has provided insights into the hormonal etiology of breast cancer, and an improved understanding as to how lifestyle alterations (e.g., reducing adiposity, increasing physical activity, reducing alcohol intake) can reduce breast cancer risk.

AAPR DISTINGUISHED LECTURESHIP ON THE SCIENCE OF CANCER HEALTH DISPARITIES

Lourdes Báezconde-Garbanati, PhD, MPH
Professor in Preventive Medicine
Associate Dean for Community Initiatives KSOM
Associate Director for Community Engagement
USC Norris Comprehensive Cancer Center
Los Angeles, CA

Director, Center for Health Equity in the Americas
Keck School of Medicine (KSOM)
University of Southern California (USC)
Los Angeles, CA

In recognition of national and international contributions to establishing research methods that have been essential to advancing the understanding of cancer health disparities and the ability to intervene effectively in clinical and community settings.
AACR OUTSTANDING INVESTIGATOR AWARD FOR BREAST CANCER RESEARCH

Sherene Loi, MBBS, FRACP, PhD, FAHMS
National Breast Cancer Foundation of Australia Endowed Chair, Peter MacCallum Cancer Centre
University of Melbourne
Melbourne, Australia

In recognition of pioneering research that has defined the role of the immune microenvironment in breast cancer and for translational work involving the design and conduction of clinical trials involving the integration of immunotherapy agents into breast cancer treatment regimens.

AACR-MARGARET FOTI AWARD FOR LEADERSHIP AND EXTRAORDINARY ACHIEVEMENTS IN CANCER RESEARCH

Douglas R. Lowy, MD, FAACR
Chief, Laboratory of Cellular Oncology
Principal Deputy Director
NIH Distinguished Investigator
Head, Signaling and Oncogenesis Section
National Cancer Institute
Bethesda, MD

For steadfast leadership of the National Cancer Institute since 2010, seminal fundamental research that has led to the development of three FDA-approved HPV vaccines, and for his leadership contributions associated with the NIH’s response to the COVID-19 pandemic.
AACR TEAM SCIENCE AWARD

St. Baldrick’s Foundation-Stand Up 2 Cancer Pediatric Cancer Dream Team
Team Co-Leaders: Crystal L. Mackall, MD and John M. Maris, MD

For significant contributions to the pediatric cancer research community including the genesis of over 319 published manuscripts, submission of 44 patent applications, creation of a new clinical trials network, generation of over $118 million to support innovative research, and for contributing to the treatment of over 1,113 children on early phase clinical trials, with many demonstrating durable complete responses.

AACR-AMERICAN CANCER SOCIETY AWARD FOR RESEARCH EXCELLENCE IN CANCER EPIDEMIOLOGY AND PREVENTION

Stephen J. Chanock, MD
Director, Division of Cancer Epidemiology and Genetics
National Cancer Institute
Rockville, MD

For his pioneering role in the discovery and characterization of cancer susceptibility alleles, his paradigm-shifting contributions to the fields of cancer epidemiology, biomarkers and prevention, and for his visionary interdisciplinary approaches to cancer research, which have and continue to impact investigators worldwide.
AACR-G.H.A. CLOWES AWARD FOR OUTSTANDING BASIC CANCER RESEARCH

Carol L. Prives, PhD, FAACR
Da Costa Professor of Biology, Department of Biological Sciences, Herbert and Florence Irving Institute for Cancer Dynamics, Columbia University, New York, NY

For discovering that p53 is a DNA sequence-dependent transcriptional regulator and when mutated, possesses novel oncogenic functions, for identifying p53 and Mdm2 stress signal-induced regulatory mechanisms, and for revealing novel pathways by which p53 functions to suppress cell growth and promote cell death.

AACR-CANCER RESEARCH INSTITUTE LLOYD J. OLD AWARD IN CANCER IMMUNOLOGY

Ton Schumacher, PhD, FAACR
Senior Member, Department of Molecular Oncology and Immunology, Oncode Institute, The Netherlands Cancer Institute, Amsterdam, Professor of Immunotechnology, Leiden University Medical Center, Leiden, The Netherlands

For groundbreaking work that has defined how the human immune system recognizes cancer cells and for developing innovative new technologies to determine how such recognition may be strengthened for therapeutic purposes, which has led to the ability to examine tumor-specific immune responses and harness this knowledge to develop more specific and effective cancer immunotherapies.
AACR-JOSEPH H. BURCHENAL AWARD FOR OUTSTANDING ACHIEVEMENT IN CLINICAL CANCER RESEARCH

Brigitte C. Widemann, MD
Chief, Pediatric Oncology Branch
Head, Pharmacology and Experimental Therapeutics Section
Senior Investigator and Deputy Director, Center for Cancer Research
National Cancer Institute
Bethesda, MD

For relentless and seminal contributions to the understanding of genetic cancer predisposition, the development of novel therapies for predisposition syndromes and rare pediatric cancers, and unwavering leadership of clinical trials including those that have resulted in FDA approval of the first-in-class MEK inhibitor, selumetinib for the treatment of neurofibromatosis type 1 tumors.

AACR-IRVING WEINSTEIN FOUNDATION DISTINGUISHED LECTURESHIP

Aviv Regev, PhD, FAACR
Executive Vice President, Genentech Research and Early Development
South San Francisco, CA

For extraordinary scientific contributions to applying computational modeling to our understanding of molecular circuits and for developing new bioinformatic technologies to study cellular behavior in response to genetic and environmental changes, cellular differentiation, evolution, and disease.
AACR-PRINCESS TAKAMATSU MEMORIAL LECTURESHIP

Mina J. Bissell, PhD, FAACR
Distinguished Scientist, Division of Biological Systems and Engineering
Director, Life Sciences Division
Lawrence Berkeley National Laboratory
Berkeley, CA

For her trailblazing contributions to the fundamental understanding of cancer, including her characterization of the importance of the tumor microenvironment and extracellular matrix in the regulation of gene expression and tumorigenesis, invention of 3-dimentional organoid culture technology, and for serving as a relentless supporter of research collaborations and mentorship of early-stage trainees and investigators.

AACR-MINORITIES IN CANCER RESEARCH JANE COOKE WRIGHT LECTURESHIP

Edith P. Mitchell, MD
Clinical Professor of Medicine and Medical Oncology
Department of Medical Oncology
Director, Center to Eliminate Cancer Disparities
Associate Director, Diversity Affairs, Sidney Kimmel Cancer Center at Jefferson
Thomas Jefferson University
Philadelphia, PA

For unparalleled efforts to support the advancement of minority investigators in cancer research and for her pioneering research dedicated to working with underserved populations in an effort to elucidate the fundamental drivers of cancer in such communities, specifically breast and prostate cancer in African American populations.
AACR-STA. BALDRICK’S FOUNDATION AWARD FOR OUTSTANDING ACHIEVEMENT IN PEDIATRIC CANCER RESEARCH

Crystal L. Mackall, MD
Ernest and Amelia Gallo Family Professor of Pediatrics and Medicine
Director, Stanford Center for Cancer Cell Therapy
Director, Parker Institute for Cancer Immunotherapy at Stanford
Co-Executive Director, Stanford Laboratory for Cell and Gene Medicine
Associate Director, Stanford Cancer Institute
Stanford University
Stanford, CA

For pioneering contributions to the fields of pediatric oncology, immunology, and immunotherapeutics including her discovery of the role of IL-7 in T cell homeostasis, significant efforts to advance the use of CAR-T cell therapies, and for consistent and ongoing translational research dedicated to establishing novel treatments for pediatric cancer patients.

AACR-WAUN KI HONG AWARD FOR OUTSTANDING ACHIEVEMENT IN TRANSLATIONAL AND CLINICAL CANCER RESEARCH

Nima Sharifi, MD
Director, Genitourinary Malignances Research Center
Kendrick Family Endowed Chair for Prostate Cancer Research, Cleveland Clinic
Professor, Department of Molecular Medicine, Case Western Reserve University
Cleveland, OH

For pivotal contributions to the understanding of how steroid metabolism contributes to prostate cancer progression, defining the first example of a gain-of-function steroidogenic enzyme missense mutation that permits dihydrotestosterone synthesis from adrenal precursors, and for characterizing in a series of clinical studies, now validated worldwide, that this missense mutation represents an effective predictive biomarker in castration-resistant prostate cancer.
AACR-WOMEN IN CANCER RESEARCH CHARLOTTE FRIEND LECTURESHP

Marsha A. Moses, PhD
Julia Dyckman Andrus Professor of Surgery, Harvard Medical School
Director, Vascular Biology Program, Boston Children’s Hospital
Boston, MA

For her unwavering dedication to serving as an inspiration to countless women working in the field of cancer research as well as for her pioneering contributions to our understanding of solid tumor growth and progression and for developing novel, actively targeted nanomedicines and non-invasive diagnostics for human cancers.

PEZCOLLER FOUNDATION-AACR INTERNATIONAL AWARD FOR EXTRAORDINARY ACHIEVEMENT IN CANCER RESEARCH

Hans Clevers, MD, PhD, FAACR
Group Leader, Hubrecht Institute for Developmental Biology and Stem Cell Research, Princess Máxima Center for Pediatric Oncology
University Professor and Oncode Investigator
Utrecht University
Utrecht, Netherlands

For his pioneering research that uncovered the mechanisms by which Wnt signaling controls gene expression in colon cancer and the self-renewing gut epithelium, which subsequently led to the identification of adult stem cells in healthy tissue and in tumors; and for his groundbreaking research involving the indefinite expansion of stem cells to form organoids in vitro, and for facilitating the adoption of organoids as an essential model system for the study of various cancers and treatment modalities.
Kathy Giusti, BS, MBA
Founder and Chief Mission Officer
Multiple Myeloma Research Foundation
Boston, MA

In recognition of two plus decades of extraordinary, steadfast, and inspirational leadership at the Multiple Myeloma Research Foundation (MMRF) that has expertly stimulated innovative multiple myeloma research and drug discovery efforts, most specifically by enabling leading research institutions to collaborate with industry to speed the discovery and development of effective new treatments for multiple myeloma.

Nancy P. Pelosi, BA
Speaker, United States House of Representatives
Washington, DC

In recognition of incredible leadership and extraordinary efforts on behalf of science-related issues, most specifically her consistent support over the past many years for robust, sustained, and predictable annual funding increases for the lifesaving research that is supported by the National Institutes of Health and National Cancer Institute.
Charles L. Sawyers, MD, FAACR
Member, Howard Hughes Medical Institute
Marie-Josée and Henry R. Kravis Chair in Human Oncology and Pathogenesis
Chair, Human Oncology and Pathogenesis Program
Memorial Sloan Kettering Cancer Center
New York, NY

In recognition of dedication to advancing precision medicine by conceptualizing and leading AACR Project GENIE and serving as Chair of the GENIE Executive and Steering Committees, which has led to an international consortium of nineteen participating institutions, nine public data releases now totaling nearly 113,000 sequenced tumors, a user base approaching 10,000 individuals, and hundreds of citations, including the four project publications to date.