Outstanding New Investigator Awards

About the Award

Several Outstanding New Investigators are recognized each year based on their contributions to the field of gene and cell therapy. Investigators from academia, research foundations, government, and industry are all eligible to be nominated for awards. Recipients of the 2018 Outstanding New Investigator Awards will be celebrated at the ASGCT 21st Annual Meeting in Chicago in May 2018. Each awardee will present a plenary lecture highlighting his/her scientific accomplishments that led to the Award.

Criteria and Nominations

Any ASGCT Member, other than a current Officer or member of the Nomination and Awards Committee, is eligible. Nominations letters must be 500 words or fewer and be submitted by no less than two ASGCT Members. Nominees will be notified and required to provide a CV or NIH bio-sketch.

To be eligible, nominees must be:

1. Independent investigators conducting original research in basic science, technology development, and/or clinical translation in the field of gene and cell

3. Members in good standing of the Society;
4. Nominated by two (or more) ASGCT Members in good standing; and
5. Available to give a presentation of their work at the 21st Annual Meeting in May 2018 in Chicago.

Nominations are due to the ASGCT Executive Office by December 15, 2017 and may be submitted directly to: awards@asgct.org.

Recipients

2017

James Kochenderfer, MD, National Cancer Institute
Chimeric Antigen Receptor T-cell Therapies for Hematologic Malignancies

Lili Yang. PhD, University of California Los Angeles
Stem Cell-Engineered T Cell Immunotherapy for Cancer

2016

Jordan Green, PhD, Johns Hopkins University
Polymeric Nanoparticles for Gene and Cell Therapy to Treat Cancer

Marcin Kortylewski, PhD - City of Hope Comprehensive Cancer Center
Eliminating Tumor Immune Defenses using Oligonucleotide Therapeutics

Eirini P. Papapetrou, MD, PhD - Icahn School of Medicine at Mount Sinai
Genetic Engineering of Human Induced Pluripotent Stem Cells for Regenerative Medicine and Disease Modeling

Junghae Suh, PhD - Rice University
Design of Biocomputing Viruses for Controlled Gene Delivery

2015

Jennifer E. Adair, PhD, Fred Hutchinson Cancer Research Center
Found in Translation: Informed Development of Next-Generation Blood Stem Cell Gene Therapy

Dirk Grimm, PhD, University of Heidelberg
Small Viruses + Tiny RNAs = A Giant Toolbox for Gene and Cell Therapy

Eugenio Montini, PhD, San Raffaele Telethon Institute for Gene Therapy
Genetic Engineering of Somatic Cells by Viral/Vector Integrations in Gene Therapy and HIV-1 Infection

2014

Brian D. Brown, PhD, Mt. Sinai School of Medicine
Dangerous Liaisons: Gene Transfer, microRNA, and the Immune System

Charles A. Gersbach, PhD, Duke University
Targeted Gene Correction and Regulation with Genome Engineering Technologies

Scott Q. Harper, PhD, Ohio State University & Nationwide Children's Hospital
Translating Facioscapulohumeral Muscular Dystrophy (FSHD)

Daniel J. Powell, Jr., PhD, University of Pennsylvania
Innovative Approaches to Adoptive T cell Therapy of Cancer

2013

Aravind Asokan, PhD, University of North Carolina at Chapel Hill
A Sweet Side to AAV Biology

Paloma H. Giangrande, PhD, University of Iowa
Targeted-Image Guided RNA (TIGR) Therapies

Michael A. Laflamme, MD, PhD, University of Washington
Cardiac Repair with Human Pluripotent Stem Cells

Ann M. Leen, PhD, Baylor College of Medicine - CAGT
T cell Therapy for Viruses and Cancer

Helper-Dependent Adenoviral Vectors for Hepatocyte Gene Therapy

Marco A. Passini, PhD, Genzyme - A Sanofi Company, Framingham, MA
Gene and Antisense Therapies for Neurodegenerative Disorders

Theresa M. Reineke, PhD, University of Minnesota
Design and Discovery of Glycopolymer Vehicles for the Delivery of Nucleic Acids

Benjamin R. tenOever, PhD, Mount Sinai School of Medicine
Harnessing the Power of Small RNAs in Vector-Mediated Therapeutics

2011

Hiroyuki Nakai, MD, PhD, University of Pittsburgh School of Medicine, Pittsburgh, PA
In Vivo Viral Genome and Capsid Biology of Recombinant AAV Vectors

Miguel Sena-Esteves, PhD, University of Massachusetts Medical School, Worcester, MA
AAV-Mediated Gene Therapy for Neuro-Metabolic Diseases and Brain Tumors

Qizhen Shi, MD, PhD, Medical College of Wisconsin, Milwaukee, WI
Targeting Factor VIII (FVIII) Expression to Platelets for Gene Therapy of Hemophilia A with Inhibitors

2010

Alessandra Biffi, MD, San Raffaele Telethon Institute for Gene Therapy, Milan, Italy
Rendering Hematopoietic Stem Cell Transplantation Efficacious for the Treatment of Lysosomal Disorders

Kevin V. Morris, PhD, Scripps Research Institute, La Jolla, CA
Utilizing the Endogenous Long Non-Coding RNA Pathway in Human Cells to Transcriptionally Modulate Gene Expression

Bakhos A. Tannous, PhD, Massachusetts General Hospital, Charlestown, MA
Ex-Vivo Monitoring of In Vivo Gene and Cell Therapy

Charles P. Venditti, MD, PhD, National Human Genome Research Institute, Bethesda, MD
Gene Therapy for Methylmalonic Acidemia (MMA)

Treatment of B-cell Malignancies with CD19-targeted T cells

Barbara Savoldo, MD, PhD, Baylor College of Medicine, Houston, TX
Improving T Cell Based Therapies

Tatiana Segura, PhD, University of California-Los Angeles, Los Angeles, CA
Gene Delivery In Three Dimensions

2008

Karen S. Aboody, MD, City of Hope National Medical Center, Duarte CA
Stem Cell-Mediated Cancer Therapy: A Tumor-Selective Gene Delivery Approach

Maciej S. Lesniak, MD, FACS, The University of Chicago, Chicago, IL
Adenoviral Virotherapy for Malignant Brain Tumors

Dmitry M. Shayakhmetov, PhD, University of Washington, Seattle, WA
Adenovirus-Host Interplay and the Development of Efficient Vectors for Gene Therapy

2007

Gianpietro Dotti, MD, Baylor College of Medicine, Houston, TX
Genetic Modifications of T Cells for Adoptive Immunotherapy in Cancer Patients

Akseli E. Hemminki, MD, PhD, University of Helsinki, Helsinki, Finland
Oncolytic Adenoviruses for Killing of Cancer Initiating Cells

Philip Ng, PhD, Baylor College of Medicine, Houston, TX
Gene Therapy with Helper-Dependant Adenoviral Vectors

Derek Persons, MD, PhD, St. Jude Children's Research Hospital, Memphis, TN
Progress Toward Safe and Effective Gene Therapy for β-Thalassemia and Sickle Cell Disease

2006

Alberto Auricchio, MD, Telethon Institute of Genetics & Medicine, Napoli, Italy
AAV Serotypes for Gene Therapy of Inherited Human Diseases

Salima Hacein-Bey Abina, PhD, INSERM U 429, Paris, France
Gene Therapy for Severe Combined Immunodeficiency X1

Punam Malik, MD, Children's Hospital Los Angeles, Los Angeles, CA
Gene Therapy for Red Blood Cell Disorders

2005

Chiara Bonini, MD, Fondazione Centro S. Raffaele Del Monte Tabor, Milan, Italy
Gene Transfer into Peripheral Blood T Lymphocytes: Clinical Benefits and Safety Profile

Michael Kaplitt, MD, PhD, Weill Medical College of Cornell University, New York, NY
Development of Human Gene Therapy for Neurodegenerative Disorders

2004

Michael A. Barry, PhD, Baylor College of Medicine, Houston, TX
Cell-Targeting Technologies for Gene Therapy

Laurence JN Cooper, MD, PhD, City of Hope National Medical Center, Duarte, CA
T-cell Therapy for Malignant B Cells

Matthew Weitzman, PhD, Salk Institute, La Jolla, CA
Lessons from the Battleground of Virus-Host Interactions

2003

Alessandro Aiuti, MD, PhD, Fondazione Centro San Raffaele, Milan, Italy
Gene Therapy for ADA-Deficient SCID

Roland W. Herzog, PhD, Children's Hospital of Philadelphia, Philadelphia, PA
Immunology of Factor IX Gene Transfer

Christof von Kalle, MD, Cincinnati Children's Hospital, Cincinnati, OH
Vector Insertion in Gene Modified Human Hematopoiesis

RELATED PAGES

Meritorious Abstract Travel Awards

Outstanding Achievement Award

Outstanding New Investigator Awards

Outstanding Poster Presentation Awards

Sonia Skarlatos Public Service Award

Underrepresented Minority Travel Awards

---

555 East Wells Street
Suite 1100
Milwaukee, WI 53202

b a c d