



2010

Research Award Recipients

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Clinical Career Development Award in Health Care Policy

Melody J. Eide, M.D., M.P.H. – Year 3

Henry Ford Medical Center

Association of Sociodemographic Factors & Healthcare Use with
Melanoma Survival

Shasa Hu, M.D.

University of Miami

Disparities in the Incidence of Late Stage Melanoma: The Impact of
Race, Ethnicity, and Poverty

Mario E. Lacouture, M.D. – Year 3

Memorial Sloan Kettering Cancer Center

Active Pharmacovigilance for Dermatologic Toxicities to Targeted
Anticancer Therapies

Clinical Career Development Award in Dermatologic Surgery

Sarah T. Arron, M.D., Ph.D. – Year 2

University of California, San Francisco

Human Papillomavirus as an Etiologic Agent of Cutaneous Squamous
Cell Carcinoma

Christopher K. Bichakjian, M.D.

University of Michigan

Merkel Cell Carcinoma Pathogenesis: Clues from Keratins?

Jeremy S. Bordeaux, M.D., M.P.H. – Year 3

Case Western Reserve University

Multicenter Prospective Rare Cutaneous Tumor Database and Tissue Bank

Jerry D. Brewer, M.D. – Year 2

Mayo Clinic, Rochester

Non-Hodgkin Lymphoma and Skin Cancer



Clinical Career Development Award in Dermatologic Surgery (*cont.*)

Faramarz H. Samie, M.D. – Year 3

Thomas Jefferson University

Molecular Targeted Therapy for Inhibiting Collagen Fibril Formation and Use in Surgery

Ally-Khan B. Somani, M.D., Ph.D.

Indiana University, Indianapolis

Protective Effects of Dermal Rejuvenation on Photocarcinogenesis

Physician Scientist Career Development Award

Brian K. Bonish, M.D., Ph.D.

Rush University Medical Center

The Role of Toll-Like Receptors in Psoriasis

Allen T. Bruce, M.D., Ph.D. – Year 3

University of Michigan

Phenotype and Function of IL-17-Secreting T-Cells in Psoriasis

Raymond J. Cho, M.D., Ph.D. – Year 2

University of California, San Francisco

Defining Mutational Topography in the Ras and PI-3 Kinase Pathways in Human Squamous Cell Cancers

Benjamin F. Chong, M.D. – Year 2

University of Texas Southwestern Medical School

Signaling Pathways of Cutaneous Lupus

Oscar R. Colegio, M.D., Ph.D. – Year 2

Yale University

Defining the Role of the Innate Immune System in Tumor Progression and Metastasis

Johann E. Gudjonsson, M.D., Ph.D.

University of Michigan

The Influence of the Cytokine Network in Psoriasis on Clinical Phenotype and Treatment Response



Physician Scientist Career Development Award (*cont.*)

Rajnish A. Gupta, M.D., Ph.D. – Year 3

Stanford University

HOX Cluster Noncoding RNAs in Skin Positional Identity and Fibrosing Disorders of the Skin

Lu Q. Le, M.D., Ph.D. – Year 3

University of Texas Southwestern Medical School

Cell of Origin and Tumor Microenvironment in NF1-Associated Neurofibroma Genesis

Kurt Lu, M.D. – Year 3

Case Western Reserve University

Phenotypic and Functional Analysis of Alternatively Activated Macrophages in Skin Inflammation

Michael D. Rosenblum, M.D., Ph.D.

University of California, San Francisco

Mechanisms of Peripheral T-Cell Tolerance to Epidermal Self-Antigen

Jane Yoo, M.D. – Year 2

University of Washington

Investigating the Regulatory Function of Matrix Metalloproteinase 28 (Epilysin) in Atopic Dermatitis

Jonathan H. Zippin, M.D., Ph.D.

Cornell University

Investigation of the Role of Soluble Adenylyl Cyclase in Psoriasis Pathogenesis

Science of Human Appearance Career Development Award

Anne Lynn S. Chang, M.D. – Year 2

Stanford University

Identification of Genes Promoting Exceptional Skin Youthfulness

Mandy S. Harting, M.D. – Year 2

University of Michigan

Molecular Analyses of Retinoid-Induced Dermatitis in Aged/Photoaged Human Skin



Science of Human Appearance Career Development Award (*cont.*)

Claire A. Higgins, Ph.D.

Columbia University

Molecular Mechanisms of Hair Follicle Induction

Medical Dermatology Career Development Award

Anna L. Bruckner, M.D. – Year 3

Stanford University

Bone Mass and Fracture Risk in Patients with Epidermolysis Bullosa

Pedram Gerami, M.D. – Year 2

Northwestern University

Fluorescent In Situ Hybridization and Novel Molecular Markers as a Prognostic Tool in Melanoma

Yolanda R. Helfrich, M.D. – Year 3

University of Michigan

Clinical and Molecular Analysis of Differences Between Rosacea and Photoaging

Whitney A. High, M.D., M.Eng. – Year 3

University of Colorado, Denver

Characterization of Gadolinium and Other Metals in Nephrogenic Systemic Fibrosis

Daniela Kroshinsky, M.D.

Harvard University

The Use of Inpatient Dermatology Consultations to Reduce Antibiotic Use for "Pseudo-Cellulitis"

Arturo Saavedra-Lauzon, M.D., Ph.D. – Year 2

Harvard University

Prognostic Value of Immunophenotyping Infiltrates in the Care of Drug Reactions

Kanade Shinkai, M.D., Ph.D.

University of California, San Francisco

Cutaneous Manifestations of Polycystic Ovary Syndrome



Women's Health Career Development Award

Claudia Hernandez, M.D. – Year 2

University of Illinois at Chicago

Designing Public Health Strategies to Reduce Skin Cancer Disparities

Research Career Development Award

Thomas Andl, Ph.D. – Year 2

Vanderbilt University

The Contribution of MicroRNAs to Epigenomic Alterations in Cancer and Aging

Jiang Chen, M.D. – Year 2

University of Colorado, Denver

Testing Therapeutic Strategies for Epidermolytic Hyperkeratosis Using a Preclinical Mouse Model

Lisa M. Godsel, Ph.D.

Northwestern University

Plakophilins Organize Structural and Signaling Cues Regulating Tissue Development and Homeostasis

John E. Harris, M.D., Ph.D.

University of Pennsylvania

Defining the Autoimmune Response in Vitiligo

Mayumi Ito, Ph.D. – Year 2

New York University

Melanocyte Stem Cells in Wound Healing

Qiaoli Li, Ph.D.

Thomas Jefferson University

Pathomechanisms and Treatment of PXE

Hoang Nguyen, Ph.D.

Baylor College of Medicine

Skin Stem Cell Fate Maintenance and Lineage Determination



Research Career Development Award (*cont.*)

Felicite K. Noubissi, Ph.D.

University of Wisconsin

Role of CRD-BP in Basal Cell Carcinoma Development

Julie L. Ryan, Ph.D., M.P.H. – Year 3

University of Rochester

Radioprotective Function of Curcumin and Secretory Phospholipase A2-isoform V Inhibition

Yvonne M. Saenger, M.D.

Mount Sinai Medical Center

Role of Dendritic Cells in Immunity to Melanoma Mediated by Anti-TRP1 Antibody + Cyclophosphamide

Monique E. Verhaegen, Ph.D.

University of Michigan

Molecular Basis of Merkel Cell Carcinoma

Kevin C. Wang, M.D., Ph.D. – Year 2

University of California, San Francisco

Noncoding RNAs and Positional Identity in the Skin

Nabiha Yusuf, Ph.D. – Year 2

University of Alabama

Photoimmunological Role of Toll Like Receptor-4 in Skin

Lei Zhang, Ph.D.

University of Colorado, Denver

Developing New Therapeutic Approaches to Cure Harlequin Ichthyosis in an ABCA12 Mutant Mouse Model

Dermatologist Investigator Research Fellowship

Niroshana Anandasabapathy, M.D., Ph.D.

Rockefeller University

Cutaneous Vaccination: The Pre-Clinical Use of Flt3L as an HIV Vaccine Adjuvant to Expand Skin DCs



Dermatologist Investigator Research Fellowship (cont.)

Jeffrey B. Cheng, M.D., Ph.D.

University of California, San Francisco
Epigenetics of Melanoma

Jaehyuk Choi, M.D., Ph.D.

Yale University
Genetic Screen for Tumor Suppressors in Mouse Skin Using PiggyBac
Transposon Mutagenesis

Adam J. Friedman, M.D.

Albert Einstein College of Medicine
Antimicrobial and Wound Healing Impact of Nitric Oxide Releasing
Nanoparticles in a Diabetes Model

Arlo Miller, M.D., Ph.D.

Harvard University
Molecular Analysis of Spitzoid Neoplasms to Predict Malignant Behavior

Peggy S. Myung, M.D.

Case Western Reserve University
The Role of Dermal Wnt Signaling in Wound Healing and Hair Follicle
Neogenesis

Frank Wang, M.D.

University of Michigan
Molecular Pathogenesis of Striae Gravidarum

Fellowship in Pediatric Dermatology

Yvonne E. Chiu, M.D.

Medical College of Wisconsin
Genetic Basis of Hemangiomas



Patient Directed Investigation Grant

April W. Armstrong, M.D.

University of California, Davis

The Association of Psoriasis with Coronary Artery Disease in a
Prospective Cardiac Catheterization

Jennifer N. Choi, M.D.

Yale University

Isotretinoin versus Doxycycline as Pre-emptive Therapy for EGFR
Inhibitor-Induced Papulopustular Rash

Ruth Ann Vleugels, M.D.

Harvard University

Ultraviolet Radiation Flux and Incident Psoriasis

Dermatopathology Research Grant

Brian P. Pollack, M.D., Ph.D.

Emory University

Defining the Role of Activating Transcription Factor 3 (ATF3) in
Photocarcinogenesis

Epidermolysis Bullosa Research Grant

Kevin J. Hamill, Ph.D.

Northwestern University

The Role of Bullous Pemphigoid Antigens in Regulating Keratinocyte
Migration



Research Grant

Botond Z. Igyarto, Ph.D.

University of Minnesota
Langerhans Cell Control of Immune Response

Andrew Johnston, Ph.D.

University of Michigan
Delineating the Roles of Recently Discovered IL-1 Family Cytokines in Psoriasis

Ana Luisa Kadekaro, Ph.D.

University of Cincinnati
Increase in p53 Expression as a Strategy for Melanoma Prevention

Kelly A.N. Messingham, Ph.D.

University of Iowa
The Role of IgE Autoantibodies in Bullous Pemphigoid

Durga Udayakumar, Ph.D.

Harvard University
Elucidating the Molecular Mechanisms of EPHA2-Mediated Melanoma Oncogenesis

Program Development Grant

Warren W. Piette, M.D.

John H. Stroger, Jr. Hospital of Cook County
Establishment of Research Basics