



2020

Research Award Recipients

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Charles and Daneen Stiefel Scholar Award in Skin Cancer

Brian C. Capell, M.D., Ph.D. – Year 2

University of Pennsylvania

Restoring Epigenomic Histone Methylation Dynamics for the Treatment of Keratinocyte Carcinomas

Todd W. Ridky, M.D., Ph.D. – Year 3

University of Pennsylvania

Inhibiting Melanoma via a Novel and Druggable GPCR Pathway

Iwei Yeh, M.D., Ph.D.

University of California, San Francisco

Novel Therapies for KIT Mutant Melanoma

Sun Pharma Research Award

Elizabeth A. Grice, Ph.D. – Year 2

University of Pennsylvania

Harnessing the Commensal Skin Microbiota to Modulate Inflammation and Barrier Function

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

University of Michigan

Mechanisms of B-cell Activation and Autoantibody Formation in SLE

Career Development Awards

Public Health Career Development Award

Adewole S. Adamson, M.D. – Year 2

University of Texas, Austin - Dell

Optimizing Care Delivery and Health Equity in Patients with Melanoma

Lynn M. Petukhova, Ph.D. – Year 2

Columbia University

Neuropsychiatric and Metabolic Comorbidities in Patients with Autoimmune Diseases of the Skin

Aaron M. Secrest, M.D., Ph.D., M.P.H. – Year 3

University of Utah

Clinical Utility of Patient-Reported Outcomes in Dermatology

Joy Wan, M.D., M.S.C.E.

University of Pennsylvania

Neurocognitive Functioning of Children with Atopic Dermatitis

Clinical Career Development Award in Dermatologic Surgery

Mary L. Stevenson, M.D. – Year 3

New York University

Identification of Novel Risk Factors and Biomarkers for Poor Outcomes in Squamous Cell Carcinoma

Rie Takahashi, M.D., Ph.D.

University of California, Los Angeles

Cellular Diversity of Human Cutaneous Squamous Cell Carcinomas

Abigail Waldman, M.D., M.H.S. – Year 3

Brigham and Women's Hospital

Developing a Clinically Relevant Skin Cancer Patient Reported Outcome Measure (PROM)

Physician Scientist Career Development Award

David Y. Chen, M.D., Ph.D. – Year 3

Washington University

Epigenetic Regulation of Skin Homeostasis and Tumorigenesis

William E. Damsky, M.D., Ph.D. – Year 3

Yale University

Elucidating and Overcoming Mechanisms of Immunotherapy Resistance in Melanoma

Allen W. Ho, M.D., Ph.D. – Year 3

Brigham and Women's Hospital

Mechanisms of Immune Tolerance to Apoptotic Cells and Its Role in Cutaneous Autoimmunity

Matthew D. Vesely, M.D., Ph.D. – Year 2

Yale University

Stimulating Immune Inhibitory Receptors for the Treatment of Cutaneous Lupus

Lee E. Wheless, M.D.

Vanderbilt University

Using Machine Learning to Stratify Skin Cancer Risk in Organ Transplant Recipients

Sarah Whitley, M.D., Ph.D. – Year 2

University of Pittsburgh

IL-23 Regulates Cutaneous Resident Memory T Cell Development and Maintenance

Science of Human Appearance Career Development Award

Donna M. Brennan-Crispi, Ph.D. – Year 2

University of Pennsylvania

Roles and Modulation of WNT-FZD Signaling in Hair

Howa Yeung, M.D.

Emory University

Epidemiology of Acne and Barriers to Treatment in Transgender Persons

Medical Dermatology Career Development Award

Crystal U. Aguh, M.D.

Johns Hopkins University

*Exploring Gene Expression Patterns & Biomarkers of Disease Severity in
CCCA Characterization of Coccidioidomycosis (Valley Fever) Skin
Manifestations*

Albert Chiou, M.D. – Year 2

Stanford University

*Evaluating Collagen VII Corrected Skin Grafts for Recessive Dystrophic
Epidermolysis Bullosa*

Benjamin H. Kaffenberger, M.D. – Year 3

Ohio State University

*Prospective Categorization and Outcomes Analysis of Cutaneous Drug
Eruptions*

Shawn G. Kwatra, M.D. – Year 2

Johns Hopkins University

Racial Differences in Biomarkers and Therapeutic Targets for Chronic Itch

Cecilia Larocca, M.D. – Year 3

Brigham and Women's Hospital

*An Implantable Microdevice for Candidate in situ Drug Sensitivity Testing
in Mycosis Fungoides*

Xiaolong Zhou, M.D., M.Sc. – Year 3

Northwestern University

Characterization of the Skin Microbiome in Cutaneous T Cell Lymphoma

Women's Health Career Development Award

Allison Billi, M.D., Ph.D.

University of Michigan

VGLL3 Regulation in Female-Biased Autoimmune Diseases

Women's Health Career Development Award, Cont.

James Chen, Ph.D. – Year 2

Columbia University

Computational Modeling of Sexually Dimorphic Molecular Pathologies in Hair and Skin Development

Alicia Little, M.D., Ph.D. – Year 2

Yale University

Role of T Follicular Helper Cells (Tfh) in Chronic Cutaneous Lupus Erythematosus

Jillian M. Richmond, Ph.D. – Year 3

University of Massachusetts

Targeting the CXCR3 Chemokine Axis in Cutaneous Lupus

Research Career Development Award

Ryan P. Hobbs, Ph.D. – Year 3

Pennsylvania State University

Cellular and Molecular Roles for Autoimmune Regulator in Early Skin Tumorigenesis

Andrew Ji, M.D.

Stanford University

Cancer Cell-Extrinsic and Intrinsic Control of Tumor Progression and Intratumoral Heterogeneity

Juan-Manuel Leyva-Castillo, Ph.D. – Year 3

Harvard University

Role of PAX5 in Skin-Derived Dendritic Cells During the Development of Allergic Skin Inflammation

Bahram Razani, M.D., Ph.D. – Year 3

University of California, San Francisco

A20 Restricts Psoriatic Inflammation

Dermatopathology Research Career Development Award

Matthew S. Goldberg, M.D. – Year 3

Icahn School of Medicine at Mount Sinai

Melanoma Epigenetics and the Functional Role of MacroH2A in Melanoma Progression

Dermatopathology Research Career Development Award, Cont.

Randie Hee Kim, M.D., Ph.D. – Year 2

New York University

Using Artificial Intelligence to Improve Prognosis of Intermediate Thickness Melanomas

Ursula E. Lang, MD, PhD – Year 2

University of California, San Francisco

Investigating the Role of Primary Cilia in Melanocytes and Melanomagenesis

Pediatric Dermatology Career Development Award

Lisa M. Arkin, M.D.

University of Wisconsin

Towards a Precision-based Treatment for Facial Vascular Stains

Elena B. Hawryluk, M.D., Ph.D. – Year 3

Massachusetts General Hospital

Atypical Pediatric Pigmented Lesions

JiaDe Yu, M.D. – Year 2

Massachusetts General Hospital

Prospective North American Pediatric Allergic Contact Dermatitis Registry

Fellowships

Dermatologist Investigator Research Fellowship

Anna Eisenstein, M.D., Ph.D.

Yale University

Understanding the Role of Dermal White Adipose Tissue in Skin Homeostasis

Christoph T. Ellebrecht, M.D.

University of Pennsylvania

Design and Characterization of Chimeric Antigen Receptors Targeting the $\gamma\delta$ T Cell Receptor

Byron C. Knowles, M.D., Ph.D.

University of California, San Francisco

Genes Involved in Initiation and Progression of Cutaneous SCC

Dermatologist Investigator Research Fellowship, Cont.

Leonid Shmuylovich, M.D., Ph.D.

Washington University

Laser Stimulated Thermal Imaging of Nonmelanoma Skin Cancer

Ting-Lin B. Yang, M.D., Ph.D.

Washington University

Regulation of Type 2 Inflammation by Natural Killer (NK) Cells in Atopic Dermatitis

Grants

Patient Directed Investigation Grant

Emily Cole, M.D., M.P.H.

Emory University

Neuropathic Sensory Phenotyping in Pruritus: A Mechanistic Approach to Diagnosis and Treatment

Research Grant

Manale El Kharbili, Ph.D.

University of Colorado, Denver

The Role of Mutant p53 in Melanoma

Gwennaëlle C. Monnot, Ph.D.

Columbia University

The Role of Bacterial Lipid Antigen Recognition by T Cells in Skin Inflammation and Homeostasis

Women's Health Research Grant

Tara Jaleel, M.D.

Duke University

Sex Hormones in Hidradenitis Suppurativa

Diversity Research Supplement Awards

Zelma C. Chiesa-Fuxench, M.D.

University of Pennsylvania

Genetics of Atopic Dermatitis in Hispanics

Emily Y. Chu, M.D., Ph.D.

University of Pennsylvania

Investigation of Diagnostic Markers for Spitzoid Melanocytic Neoplasms

Diversity Research Supplement Awards, Cont.**Donald A. Glass, II, M.D., Ph.D.**

Southwestern Medical School University of Texas

*Investigating the Roles of Midkine and Pleiotrophin in Keloid Pathogenesis***Tamia Harris-Tryon, M.D., Ph.D.**

Southwestern Medical School University of Texas

*Examining the Impact of Vitamin A Resistin Like Molecule Alpha and the Microbiota on Skin Immunity***Joslyn S. Kirby, M.D.**

Pennsylvania State University

*Cohort Study of Post-operative Complication Rates in People With & Without Hidradenitis Suppurativa***Eleni Linos, M.D., M.P.H., Dr.PH**

Stanford University

*Targeted Advertising for Cancer Prevention***Alina Markova, M.D.**

Cornell University

*Incidence and Characterization of Sweet Syndrome in Patients Receiving Novel Anticancer Therapies***Haley B. Naik, M.D.**

University of California, San Francisco

*Identifying Barriers to Accessing Healthcare and Treatment in Hidradenitis Suppurativa***Junko Takeshita, M.D., Ph.D.**

University of Pennsylvania

*Quality-of-Life Among Adults with Atopic Dermatitis: Evaluating Sociodemographic Differences***Lam C. Tsoi, Ph. D.**

University of Michigan

*Electronic Health Record System to Reveal Ethnic Difference in Diagnostic Accuracy***Lam C. Tsoi, Ph.D.**

University of Michigan

Survey to Summarize Unique Molecular Pathophysiology Among Patients of Different Ethnicities