



**2024**

# **Research Award Recipients**

**March 9, 2024**

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**Bristol Myers Squibb Psoriasis Research Award**

Marlys S. Fassett, M.D., Ph.D.

University of California, San Francisco

*Searching for IL-31: Toward Curative Targeting of Psoriasis Skin TRM Cells*

**Bristol Myers Squibb Psoriasis Research Award – Year 2**

Junko Takeshita, M.D., Ph.D., M.S.C.E.

University of Pennsylvania

*Increasing Participant Diversity in Clinical Trials for Psoriasis Through Video Education*

**Sanofi – Regeneron Diversity, Equity, and Inclusion Award**

Donald Glass, M.D., Ph.D

University of Texas, Southwestern

*Genetics, Comorbidities and Their Associations with Keloids*

**Diversity, Equity, Inclusion Career Development Award**

Courtney Johnson, M.D., Ph.D.

Johns Hopkins University

*Investigating the Role of Cancer-Associated Fibroblasts in Immunodetection of Mycosis Fungoides*

**Public Health Career Development Award**

Alexandra Charrow, M.D., M.B.E.

Harvard University, Brigham and Women's Hospital

*Understanding Emergency Room Utilization in Patients with Hidradenitis Suppurativa (HS): A Mixed Met*

**Clinical Career Development Award in Dermatologic Surgery - Year 3**

Kristin Bibee, M.D., Ph.D.

Johns Hopkins Medical Institutions

*Tumor and Stromal Factors Driving Squamous Cell Carcinoma Behavior in the Immunosuppressed Patient*

**Physician Scientist Career Development Award**

Victoria Fang, M.D., Ph.D.

University of Pennsylvania

*Spatial Dynamics of Tertiary Lymphoid Structures and Plasma Cells in Hidradenitis Suppurativa*

Theodora Karagounis, M.D., M.S.

New York University

*Contributions of Gastrointestinal Staphylococcus Aureus to Pediatric Atopic Dermatitis*

Jennifer Lo, M.D., Ph.D.

Harvard University - Massachusetts General Hospital

*Characterizing Epitope Spreading and Response to mcrRNA Melanoma Immunotherapy by In Situ Sequencing*

Christine Yokoyama, M.D., Ph.D.

Washington University

*Regulation of Epidermal Homeostasis by Centrosomal Proteins*

**Physician Scientist Career Development Award – Year 2**

Eric Merrill, M.D.

University of California, San Francisco

*Cutaneous Lymphocyte – Fibroblast Niches*

Goran Micevic, M.D., Ph.D.

Yale University

*Identifying CD8+ T-cells Necessary for a Durable Immune Response to Melanoma*

Allen Oak, M.D.

University of Pennsylvania

*Defining the Role of Mechanotransduction in Scarring Alopecias for Therapeutic Gain*

**Physician Scientist Career Development Award – Year 2 (cont.)**

Elisabeth Pedersen, M.D., Ph.D.

University of Michigan

*Understanding Melanogenesis in Basal Cell Carcinoma*

**Physician Scientist Career Development Award - Year 3**

Dekker C. Deacon, M.D., Ph.D.

University of Utah

*Genomic Markers of Lentigo Maligna Melanoma Progression*

Anna Kersh, MD., Ph.D.

University of Pennsylvania Hospital

*Understanding the Molecular Pathogenesis of Lichen Planus and Lichenoid Dermatoses*

Wei-Che Ko, M.D.

University of Massachusetts

*Defining Fundamental Mechanisms of Human Inflammation in Allergic Skin*

Benjamin A. Nanes, M.D., Ph.D.

University of Texas, Southwestern

*Modulation of Force Generation and Differentiation by Keratin Filaments During Epidermal Remodeling*

Rivka Stone, M.D., Ph.D.

University of Miami

*Identifying Early Genomic Biomarkers of Skin Fibrosis Following Radiation Injury*

**Science of Human Appearance Career Development Award**

Mio Nakamura, M.D., M.S.

University of Michigan

*Phototherapy in Psoriasis Patients of Skin of Color*

**Science of Human Appearance Career Development Award – Year 2**

Eun Kyung Ko, Ph.D.

University of Pennsylvania

*Defining the Role of Human Epigenome in Sebaceous Gland Development and Disease*

**Science of Human Appearance Career Development Award - Year 3**

Nicholas Theodosakis, M.D., Ph.D.

Harvard University, Massachusetts General Hospital

*Exploring Neurological Disease as a Model for Melanocyte Dysfunction*

Amy R. Vandiver, M.D., Ph.D.

University of California, Los Angeles

*Understanding the Role of Mitochondrial Genomic Deletions in Photoaging*

**Medical Dermatology Career Development Award**

Jun Kang, M.D.

Johns Hopkins University

*Defining the Role of NETting Neutrophils and B-cells in Hydroxychloroquine Resistant  
CCLE*

**Medical Dermatology Career Development Award - Year 2**

Christina Kraus, M.D.

University California, Irvine

*Developing Metrics for Disease Burden and Identification of Biomarkers in Vulvar Lichen  
Sclerosus*

Lauren Madigan, M.D.

University of Utah

*Developing Better Understanding of Adult-Onset Mastocytosis in the Skin*

**Medical Dermatology Career Development Award - Year 2 (cont.)**

Helena Pasiaka, M.D., M.S.

Uniformed Services University

*Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis: Improving Clinical Assessment, Pedric*

Bridget Shields, M.D.

University of Wisconsin

*Elucidating the LClinical and Molecular Immunometabolic Microenvironment of Granuloma Annulare*

**Medical Dermatology Career Development Award - Year 3**

Brittany L. Dulmage, M.D.

Ohio State University Medical Center

*The Impact, Disparities, and Assessment Methods of Alopecia in Cancer Patients*

**Women's Health Career Development Award**

Michal Kidacki, M.D., Ph.D.

Yale University

*TIGIT Signaling in Hidradenitis Suppurativa*

Erin Theisen, M.D., Ph.D.

Harvard - Brigham and Women's

*Granzyme K in Autoimmune Skin Disease*

**Women's Health Career Development Award - Year 3**

Jeffrey Gehlhausen, M.D., Ph.D.

Yale University School of Medicine

*Characterization and Validation of Type I Interferon-driven Lupus Pathology*

**Research Career Development Award**

Jeffrey Smith, M.D., Ph.D.

Harvard University - Brigham and Women's

*Biochemical Determinants of Chemokine Receptor Signaling*

**Research Career Development Award – Year 2**

William Crisler, Ph.D.

Harvard University, Brigham and Women's Hospital

*Discovery of Immunoregulatory Networks in Skin via the Study of Face Transplant Rejection*

Sakeen Kashem, M.D., Ph.D.

University of California, San Francisco

*Circadian Control of Inflammatory Pruritus*

Yingchao Xue, Ph.D.

Johns Hopkins University

*Defining the Contribution of Skin Stretch to Obesity-Induced Inflammation and Insulin Resistance*

**Research Career Development Award - Year 3**

Martin Prince Alphonse, Ph.D.

Johns Hopkins Medical Institutions

*NLRP12 and Caspase-8 Mediated Inflammasome Signaling in Staphylococcus Aureus Skin Infections*

Satish Sati, Ph.D.

University of Pennsylvania

*Investigating Neuroimmune Interactions to Promote Scarless Skin Regeneration*



**Dermatopathology Research Career Development Award**

Julie Deutsch, M.D.

Johns Hopkins University

*Analytical and Clinical Validation of a mIF Biomarker for Anti-PD-1 Therapy in Melanoma*

Shadi Khalil, M.D., Ph.D.

University of California, San Diego

*Nutrient Metal Sequestration in Inflammatory and Infectious Skin Disease*

**Dermatopathology Research Career Development Award – Year 2**

Rony Francois, M.D., Ph.D.

University of California, San Francisco

*Targeting Oncogenic NRAS in Melanoma*

Matthew Hedberg, M.D., Ph.D.

University of Pennsylvania

*Cellular Characteristics and Molecular Determinants of SCCIS*

**Pediatric Dermatology Career Development Award - Year 3**

Lucinda L. Kohn, M.D.

University of Colorado, Denver

*Evaluating Disparities in Dermatology for American Indian and Alaska Native Youth*

**Dermatologist Investigator Research Fellowship**

Corbett Berry, M.D., Ph.D.

University of Pennsylvania

*Epigenetic Exploration of Asymmetric T Cell Division and Graft-versus-host Disease*

Andrew Johnston, M.D., Ph.D.

Yale University

*Characterizing Neutrophil Phenotypic Heterogeneity in Neutrophilic Dermatoses*

**Dermatologist Investigator Research Fellowship (cont.)**

Ernest Lee, M.D., Ph.D.

University of California, San Francisco

*Computational Discovery of Therapeutic Candidates for Hidradenitis Suppurativa*

Jinwoo Lee, M.D., Ph.D.

Stanford University

*Investigation of XIST as a Driver of Sex-biased Autoimmune Skin Diseases*

Eugene Park, M.D., Ph.D.

Johns Hopkins University

*Ribosome-mediated Responses to UV Irradiation in Keratinocytes*

Swapneel Patel, M.D., Ph.D.

UT, Southwestern

*Mechanisms of STING Signaling*

Sunaina Rengarajan, M.D., Ph.D.

Washington University

*Characterization of Immunogenic and Pathogenic Microbes that Correlate with Treatment Outcomes in HS*

Alison Treichel, M.D.

Case Western Reserve University

*Decoding the Gut-skin Axis in Psoriasis*

Rachel Waldemer-Streyer, M.D., Ph.D.

University of California, San Francisco

*Development and Optimization of 3D Skin Organoids from Whole Adult Skin*

Diana Wang, M.D., Ph.D.

University of California, Los Angeles

*Intracellular Regulation of the Sebocyte Lipidome*

**Dermatologist Investigator Research Fellowship (cont.)**

Leo Wang, M.D., Ph.D.

University of Pennsylvania

*Engineering Hydrogels for Alopecia Areata*

**Research Grant**

Nathan Balukoff, M.D., Ph.D.

University of Miami

*Tunnels of Hidradenitis Suppurativa: the Role of Activated Cellular Phenotype in the Disease Pathoph.*

Heather Dingwall, Ph.D.

University of Pennsylvania

*Uncovering Extrinsic Drivers of Ectodermal Appendage Development*

Cheri Frey, M.D.

Howard University

*Spatial Evaluation of Immune-stromal Crosstalk in Discoid Lupus Erythematosus in Skin of Color*

Nazgol Sadat Haddadi, M.D., M.P.H.

University of Massachusetts

*Keratinocytes' Innate Immune Response to Ultraviolet Light B in Cutaneous Lupus Erythematosus.*

Tomonori Oka, M.D., Ph.D.

Harvard University, Massachusetts General Hospital

*Exploring How T Helper 2 cell Immunity Eliminates Pre-cancerous Skin Lesions*

**Patient Directed Investigation Grant**

John Edminister, M.D.

Wake Forest University

*In Vitro Investigation of Cinacalcet as a Non-Immunosuppressive Therapy for  
Pemphigus Vulgaris*

Tammy Gonzalez, M.D., Ph.D.

University of Miami

*Changing a Paradigm in Prurigo Nodularis - Protective Role of Facial Skin Commensals*