2015

Research Award Recipients

March 2015
Annual Meeting
San Francisco, CA
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Charles & Daneen Stiefel Scholar Award in Autoimmune &/or Connective Tissue Diseases

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Charles & Daneen Stiefel Scholar Award in Autoimmune &/or Connective Tissue Diseases

**John E. Harris, M.D., Ph.D. – Year 2**
*University of Massachusetts*
Skin-Resident Memory T Cells in Vitiligo

**Aimee S. Payne, M.D., Ph.D.**
*University of Pennsylvania Hospital*
Defining Peripheral B Cell Tolerance Checkpoints in Pemphigus to Improve Therapy

**Michael D. Rosenblum, M.D., Ph.D.**
*University of California, San Francisco*
The Role of Regulatory T Cells in Hair Follicle Homeostasis and Alopecia Areata

Clinical Career Development Award in Health Care Policy

**Katrina Abuabara, M.D.**
*University of Pennsylvania Hospital*
Eczema Epidemiology and Comorbidities

**Esther E. Freeman, M.D., Ph.D.**
*Massachusetts General Hospital*
Incidence and Determinants of Kaposi's Sarcoma Despite Antiretroviral Treatment for HIV

**Anokhi Jambusaria-Pahlajani, M.D. – Year 2**
*Mayo Graduate School of Medicine Program*
Validation of SCC Staging Systems And Development of a Prediction Tool to Estimate Recurrence Risk

**Joslyn S. Kirby, M.D. – Year 3**
*Penn State Milton S. Hershey Med Center*
Pharmacoeconomic Analysis of Current and Alternative Reimbursement Models for Actinic Keratoses

**Jonathan I. Silverberg, M.D., Ph.D., M.P.H.**
*Northwestern University*
Racial and Ethnic Health Care Disparities in Atopic Dermatitis
Clinical Career Development Award in Health Care Policy (cont.)

Junko Takeshita, M.D., Ph.D. – Year 3
University of Pennsylvania Hospital
The Risk of Serious Infection in Patients with Psoriasis

Clinical Career Development Award in Dermatologic Surgery

Sean R. Christensen, M.D., Ph.D. – Year 3
Yale University School of Medicine
Identifying Novel Regulators of Ultraviolet-Induced Apoptosis in Human SCC

H. William Higgins, II, M.D., M.B.E.
Brown University
The Clinical Epidemiology of Melanoma in Situ

Sherrif Ibrahim, M.D., Ph.D.
University of Rochester Medical Center
Chemoprevention of Squamous Cell Carcinoma in High-risk Patients

Margaret W. Mann, M.D. – Year 2
Case Western Reserve University
Refining Dermatologic Surgical Training in Residency

Joseph F. Sobanko, M.D.
University of Pennsylvania Hospital
Appearance and Quality of Life in Dermatologic Surgery Patients

Yaohui Gloria Xu, M.D., Ph.D. – Year 2
University of Wisconsin Medical School
Archilles Heel in Melanoma - CDR-BP as a Potential Marker and Therapeutic Target
Physician Scientist Career Development Award

Christopher G. Bunick, M.D., Ph.D. – Year 3  
*Yale University School of Medicine*  
Determining Structure and Function of the N-terminus of Human Keratins Using X-ray Crystallography

Brian C. Capell, M.D., Ph.D. – Year 2  
*University of Pennsylvania Hospital*  
The Role of Epigenomic Changes in Skin Senescence and Transformation

Donna A. Culton, M.D., Ph.D. – Year 3  
*University of North Carolina, Chapel Hill*  
The Role of Circulating Antigen Experienced B Cells in Pemphigus: Lessons from Rituximab

Shadmehr Demehri, M.D., Ph.D. – Year 2  
*Washington University Medical Center*  
The Mechanism of NK Cell Activation and Its Implications in Skin Cancer

Donald A. Glass, II, M.D., Ph.D. – Year 3  
*Southwestern Med. School Univ. of Texas*  
Determining the Genetic Causes of Keloid Formation

Eon Rios, M.D., Ph.D. – Year 2  
*Stanford Univ. School of Medicine*  
Non-Coding RNAs n Epidermal Homeostasis and Neoplasia

Tiffany C. Scharschmidt, M.D. – Year 3  
*University of California, San Francisco*  
Exploring the Role of Commensal Skin Bacteria in Establishing and Maintaining Peripheral Tolerance

Iwei Yeh, M.D., Ph.D. – Year 2  
*University of California, San Francisco*  
Activating B-catenin Mutations Cooperate with BRAFV600E to Promote Invasion

Amanda Zubek, M.D., Ph.D.  
*Yale University School of Medicine*  
Mechanism of Nuclear Positioning in Skin Differentiation and Disease: LINCs, Desmosomes and Rho
Science of Human Appearance Career Development Award

Sivan Harel, Ph.D. – Year 3  
*Columbia University*  
Role of Hair Follicle Immune System in Age-Dependent Hair Loss

Medical Dermatology Career Development Award

Ron J. Feldman, M.D., Ph.D. – Year 3  
*Emory University School of Medicine*  
Phenotypic and Functional Analysis of B Cells in Patients with Autoimmune Blistering Diseases

Aaron Mangold, M.D.  
*Mayo Clinic, Scottsdale*  
Prognostic Value of Inositol Polyphosphate 5-Phosphatase in Cutaneous Squamous Cell Carcinoma

Robert Micheletti, M.D.  
*University of Pennsylvania Hospital*  
Cutaneous Vasculitis: Expanding Knowledge Through Exploration of Large Multidisciplinary Database

Kavita Sarin, M.D., Ph.D. – Year 2  
*Stanford Univ. School of Medicine*  
Genetic Markers of Therapy Resistance in Advanced Basal Cell Carcinoma

Stefan M. Schieke, M.D. – Year 3  
*Medical College of Wisconsin*  
mTOR Inhibitors in Cutaneous T-Cell Lymphoma

Marie S. Tuttle, M.D. – Year 2  
*Case Western Reserve University*  
The Role of Iron in the Perpetuation of Inflammation and Infection in Chronic Wounds
Dermatopathology Research Career Development Award

Emily Y. Chu, M.D., Ph.D. – Year 2
University of Pennsylvania Hospital
Identification of Molecular Prognostic Markers for Thin Melanoma

Paul W. Harms, M.D., Ph.D. – Year 3
University of Michigan
Mutational Landscape of Merkel Cell Carcinoma by Next Generation Sequencing

Julia S. Lehman, M.D.
Mayo Clinic, Rochester
Discovery and Validation of Tissue-based Biomarkers of Acute Graft-versus-host

Janis Marie Taube, M.D. – Year 3
Johns Hopkins Medical Institutions
PD-1/PD-L1 Immune Checkpoint Blockade in Melanoma

Karolyn A. Wanat, M.D.
University of Iowa
Pathogenesis of Cutaneous Leishmaniasis: Role of Mast Cells and Eosinophils

Women's Health Career Development Award

Rajesh L. Thangapazham, Ph.D.
Uniformed Services Univ. of the Health Sciences
Genes Regulating Hair Follicle Neogenesis, Growth, and Development

Megha M. Tollefson, M.D. – Year 2
Mayo Clinic, Rochester
Quality of Life of Patients and Caregivers of Children with Psoriasis

Pediatric Dermatology Career Development Award

Yvonne E. Chiu, M.D. – Year 2
Medical College of Wisconsin
Clinical and Genetic Investigations of Pediatric Morphea

Jennifer T. Huang, M.D. – Year 2
Harvard University
Late Skin Effects in Children After Hematopoietic Stem Cell Transplantation
Pediatric Dermatology Career Development Award (cont.)

Anubhav N. Mathur, M.D., Ph.D.
University of California, San Francisco
Determining the Role of Regulative T Cells in Skin Barrier Repair

Research Career Development Award

Yeon Sook Choi, Ph.D. – Year 3
Massachusetts General Hospital
WNT Signals in Merkel Cell Development and Regeneration

Anna De Benedetto, M.D. – Year 3
University of Rochester Medical Center
Tight Junction Defects in Atopic Dermatitis: Crossroads between Barrier & Immune Response

Masaoki Kawasumi, M.D., Ph.D. – Year 3
University of Washington Medical School
Chemical Genetic Dissection of the UV DNA Damage Response and Carcinogenesis

Javed A. Mohammed, Ph.D. – Year 2
University of Minnesota
Keratinocytes Control Langerhans Cell Migration by Spatial Expression of RGD-binding Integrins

Han Peng, Ph.D. – Year 2
Northwestern University
Regulation of the Cell Cycle by MicroRNA's: Quiescence Versus Proliferation

Poulakis I. Poulakakos, Ph.D. – Year 2
Mount Sinai Medical Center
Understanding RAF Regulation to Develop Novel Strategies for Targeting RAF Signaling in Melanoma

Francisco Ramirez-Valle, M.D., Ph.D.
University of California, San Francisco
Activation and Memory Responses to IL-17 Producing γδ T Cells During Skin and Joint Inflammation
Dermatologist Investigator Research Fellowship

**Samuel Balin, M.D., Ph.D.**
*University of California, Los Angeles*
B Cells in Leprosy

**Marlys Fassett, M.D., Ph.D.**
*University of California, San Francisco*
Molecular Regulation of the Pruritogenic Cytokine Interleukin-31 in Atopic Dermatitis

**Jason E. Hawkes, M.D.**
*University of Utah*
Role of miR-146a and miR-155 in the Pathogenesis of Psoriasis and Systemic Inflammation

**Roberto Ricardo-Gonzalez, M.D., Ph.D.**
*University of California, San Francisco*
Study of Innate Lymphoid Cells in the Skin

**Arsalan Q. Shabbir, M.D., Ph.D.**
*University of Miami*
The Role of Stem Cell Exosomes in Cutaneous Wound Healing

Fellowship in Pediatric Dermatology

**Sarah S. Asch, M.D.**
*Mayo Clinic, Rochester*
Bathing Additives in the Management of Pediatric Atopic Dermatitis

Patient Directed Investigation Grant

**Meg R. Gerstenblith, M.D.**
*Case Western Reserve University*
The Facial Microbiome in Identical Twins Discordant for Rosacea

**Hoseong Yang, M.D., Ph.D.**
*Johns Hopkins Medical Institutions*
Epigenetic Changes in Human Skin After Acute Ultraviolet Light Exposure
Research Grant

Zelma C. Chiesa Fuxench, M.D.
University of Pennsylvania Hospital
Inhibitors of the Renin-angiotensinogen System and the Risk of Keratinocyte Cancers

Dan Hasson, Ph.D.
Mount Sinai Medical Center
Discovery of Novel Melanoma Oncogenes Using an Epigenetic Approach

Matthew S. Hayden, M.D., Ph.D.
Columbia University
Preclinical Development of a Novel Combination Therapy to Improve Immunotoxin Efficiency in Melanoma

Xiaoling Zhang, Ph.D.
Duke University Medical Center
Kindlin-1 as an Important Link Between Skin Inflammation and Cancer