

**2019 Society for Investigative Dermatology Abstract Status Outcomes**

CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3119035	001	Ginsenoside compound K ameliorates the severity of imiquimod-induced psoriatic pathology by inhibiting REG3A/RegIII $\gamma$ in mice	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3126867	002	RNA-seq analysis reveals unique transcriptome signatures in dermatomyositis with distinct autoantibodies specificities	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3126869	003	A case of Wong-Type Dermatomyositis with Anti-TIF1- $\gamma$ antibody	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3126892	004	HRCT in accessing of interstitial lung disease in dermatomyositis with positive expression of anti-MDA5 autoantibody	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3139616	005	Elucidating the mechanism(s) of silica nanoparticle induced immunomodulation in contact hypersensitivity	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3140329	006	Topical application of caffeoyl prolyl histidine amide suppresses 2,4-dinitrochlorobenzene-induced atopic dermatitis-like symptoms in BALB/c mice	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3156355	007	Upregulation of miR-941 in peripheral CD14 <sup>+</sup> monocytes enhances osteoclast activation and osteolysis in patients with psoriatic arthritis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3162738	008	Assessment of eosinophils degranulation in skin in drug reaction with eosinophilia and systemic symptoms (DRESS)	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3164122	009	Pathophysiology of desmoglein antibody-negative pemphigus vulgaris	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3165112	010	IL-27 in macrophages mediates T cell survival and dermal cluster formation in allergic contact hypersensitivity	Adaptive and Auto-Immunity	CM1-11	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3165235	011	The effect of matrix metalloproteinases-3 on the deposition of $\alpha$ 2AP in systemic sclerosis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3166725	012	Dynamics of alpha beta T cell accumulation in human fetal skin	Adaptive and Auto-Immunity	CM1-12	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3167266	013	NETs generate structured antimicrobial peptide-nucleosome immune complexes with inter-DNA spacings optimal for TLR9 activation	Adaptive and Auto-Immunity	SePDI-10	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3167293	014	Psoriatic regulatory T cells are impaired in their suppressive activity and respond differently to IL-33	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3167963	015	The adaptor protein Act1 plays a key role in psoriatic inflammation mediated by IL23	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3168520	016	Brunsting-Perry pemphigoid after remission of previous bullous pemphigoid related to epitope spreading from BP180 to BP230	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3168977	017	Immunization of dermatomyositis-specific autoantigen transcriptional intermediary factor (TIF1)- $\gamma$ induces experimental myositis in mice	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3169035	018	Langerhans cells suppress CD8 T cells in situ during acute graft-versus-host disease-like autoimmune mucocutaneous disease	Adaptive and Auto-Immunity	SePDI-03	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3169076	019	Serum RIP3 level as a severity-predictive marker for Stevens-Johnson syndrome and toxic epidermal necrolysis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3169130	020	Profile of BP180 and BP230-specific IgE autoantibodies in bullous pemphigoid	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3169483	021	Nanoparticle vaccine of cervical cancer based E7-HSP110 activate the exclusive killing-tumor response of CD8 <sup>+</sup> T cells in mice	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3170581	022	Diet-induced obesity predisposes anti-PD-1 antibody-treated mice to imiquimod-mediated psoriasiform dermatitis: implications for immune regulation	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3171357	023	Global knockout of immunomodulatory indoleamine 2,3-dioxygenase has no effect on psoriasiform lesions in the imiquimod-induced mouse model	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3171517	024	Differentiation of acute graft-versus-host disease from drug reaction in skin by a novel tissue-based biomarker assay	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3171896	025	Analysis of the related factors that leading to the resistance of topical treatment for bullous pemphigoid patients	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3172656	026	Study on detection of IgM and IgG of the anti-42000 protein from egg nucleus antibody in SLE patients's sera with Dot immunogold filtration	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3172683	027	Global proteomics and bioinformatic analysis of hyperthermia-induced differential protein expression in condyloma acuminata	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3172725	028	Comprehensive assessment of T cell receptor $\beta$ repertoire in Stevens-Johnson syndrome/Toxic Epidermal Necrolysis patients using high-throughput sequencing	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3173958	029	JAK inhibitors prevent and reverse vitiligo in mice, but do not eliminate established autoreactive T cells in the skin	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3174366	030	Single-cell transcriptomic level reconstruction of human psoriatic skin	Adaptive and Auto-Immunity	CM1-01	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3174405	031	Abnormal elevation of galactose aggravates inflammation and epidermal proliferation in psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3174813	032	IL-1b is essential for anti-galectin3 antibody induced cutaneous vasculitis in systemic lupus erythematosus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3174824	033	TIPE1 is induced in psoriasis lesions and promotes keratinocyte proliferation	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175006	034	Skin rash secondary to checkpoint inhibitor immunotherapy is associated with a dense T cell and dendritic cell infiltrate and greater cellular damage	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175107	035	AIM2 regulates anti-tumor immunity from dendritic cell vaccination within the melanoma microenvironment	Adaptive and Auto-Immunity	CM1-07	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3175136	036	CXCL10 expression is regulated by keratinocyte STAT3 signaling and inhibits skin inflammation	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175179	037	Transforming growth factor- $\beta$ produced by keratinocytes undergoing apoptosis promotes skin fibrosis in chronic graft-versus-host disease	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175211	038	Gastrointestinal amyloidosis by long-lasting inflammatory skin disease	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175220	039	Increased frequency of CD4 <sup>+</sup> tissue resident memory T cells in skin lesion of lupus erythematosus and the underlying mechanism	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175409	040	Th/Tc9 and Th/Tc17 pathways are augmented in moderate-to-extensive bullous pemphigoid patients and suppressed by bertilimumab	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175432	041	Anti-thyroid peroxidase antibodies target a cytoplasmic protein in keratinocytes and may contribute to blister formation in pemphigus vulgaris	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175472	042	The sand fly Lutzomyia longipalpis LJM17 protein induces cross-reactive antibodies against desmoglein-1 in Fogo Selvagem	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175560	043	Keratinocyte-mediated activation of TGF $\beta$ maintains skin-recirculating memory CD8 <sup>+</sup> T cells	Adaptive and Auto-Immunity	CM1-08	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3175624	044	IFN- $\gamma$ enhances cell-mediated cytotoxicity against keratinocytes via JAK2/STAT1 in lichen planus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175659	045	B cell cytokine analysis by single cell analysis reveals therapeutic reactivity of systemic sclerosis-associated interstitial lung disease	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175690	046	Progranulin promotes bleomycin-induced skin sclerosis by enhancing TGF- $\beta$ /Smad3 signaling through up-regulation of TGF- $\beta$ type I receptor	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175695	047	Autoantigen Keratin 17 presented by keratinocytes directs T cell auto-reactivity in psoriasis	Adaptive and Auto-Immunity	CM1-02	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3175696	048	Calcitonin gene-related peptide (CGRP) signaling through endothelial cells (ECs) is a key component of the contact hypersensitivity (CHS) response	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175712	049	Dual inhibition of the complement factor C5 and leukotriene B4 by the bifunctional soft tick-derived lipocalin Coversin synergizes in suppressing inflammation	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175736	050	Calcitonin gene-related peptide (CGRP) and tumor necrosis factor alpha (TNF $\alpha$ ) cooperate to induce IL-6 release by dermal microvascular endothelial cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175846	051	Dermal dendritic cells present neo-self antigens induced by ultraviolet B exposure to expand Foxp3 <sup>+</sup> regulatory T cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175871	052	Regulatory T cell-mediated, OX40-dependent peripheral tolerance to autoantigen, desmoglein 3	Adaptive and Auto-Immunity	CM6-01	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3175901	053	Molecular mechanism of miR-145/Smad3 pathway mediated by active vitamin D in Lupus Nephritis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175971	054	Extracellular MAVS associates with microvesicles that can actively trigger IFN $\beta$ production	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3175987	055	The leukocyte compartment of subcutaneous white adipose tissue: Major differences as to skin and blood	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176088	056	IgG galactosylation levels are decreased in systemic sclerosis patients and differ according to disease sub-classification	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176153	057	Interleukin-6 regulates psoriasis-like dermatitis induced by blockade of programmed cell death 1 signaling	Adaptive and Auto-Immunity	SePDI-09	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176242	058	A new combination of multiple autoimmune syndrome? Coexistence of alopecia areata, vitiligo and psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176291	059	Trans-disease meta-analysis between psoriasis and type 2 diabetes reveals shared genetic signals	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176354	060	A case of burn cicatrix with disseminated discoid lupus erythematosus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176355	061	Dextran-based mycophenolic acid nanoparticle ameliorates imiquimod-induced psoriasis-like skin inflammation	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3176388	062	Granzyme B-mediated cleavage of hemidesmosomal proteins contributes to blister formation in epidermolysis bullosa acquisita	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176409	063	The DC-HIL/syndecan-4 (SD4) pathway regulates trafficking of effector T-lymphocytes from blood to skin	Adaptive and Auto-Immunity	CM1-09	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3176464	064	Mucosal-associated invariant T (MAIT) cell-derived IL-17A and IL-17F production is IL-23-independent and biased towards IL-17F	Adaptive and Auto-Immunity	SePDI-04	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176467	065	Microneedle arrays engineer the skin microenvironment to promote allergen tolerance	Adaptive and Auto-Immunity	SePDI-02	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176469	066	Skin-targeted delivery of crude peanut extracts using dissolving microneedle arrays	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176477	067	Comparison of histologic features in biopsies of patients with tumor necrosis factor- $\alpha$ -induced psoriasiform reactions and psoriasis vulgaris	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176479	068	MiRNA-21 overexpression promotes T follicular helper cells mediated autoimmune response in systemic lupus erythematosus	Adaptive and Auto-Immunity	SePDI-05	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176633	069	Generation and utilization of a stable IFN response reporter line in keratinocytes	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176704	070	Antimicrobial Th17CTL targeting both Gram-positive and Gram-negative bacteria.	Adaptive and Auto-Immunity	CM1-05	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3176720	071	Single-cell transcriptome and epitope classification of atypical inflammatory diseases for therapeutic intervention	Adaptive and Auto-Immunity	PLI-02	PLENARY I, MAY 9, 8:45 - 9:45 AM
3176835	072	IL-33 affects cytokine profile in psoriasis inflammation in imiquimod-induced psoriasis model mice	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176860	073	Immunohistochemical analysis of epidermal expression of eotaxins-1, 2, and 3 in bullous pemphigoid is comparable to other eosinophilic dermatoses	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176944	074	Evolution of pathologic T-cell subsets in atopic dermatitis from infancy to adulthood	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3176958	075	Effect of novel usnic acid derivative on atopic dermatitis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177044	076	IL-36 signaling is essential for psoriatic inflammation through the augmentation of innate immune responses	Adaptive and Auto-Immunity	CM1-03	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3177088	077	Maturation of dendritic cells by terpene hydroperoxides in the presence of keratinocytes	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177237	078	Neutrophil extracellular traps contribute to the pathogenesis of bullous pemphigoid by activating of B cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177252	079	The role and mechanism of LPA in dysfunction of psoriatic keratinocytes	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177296	080	Mouse models of alopecia areata: C3H/HeJ mice versus the humanized AA mouse model	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177311	081	Which characteristics does an optimal animal model for psoriasis need to show?	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177326	082	MicroRNA-210 regulates the chemotaxis of keratinocytes to CD4+T lymphocytes	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177334	083	Increased T follicular helper-like cells and tertiary lymphoid structures in the skin lesions of discoid lupus erythematosus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177356	084	UVB induces prolonged T cell activation in lupus-prone mice via type I IFN inhibition of T regulatory cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177450	085	Autoantigen screening in C3H/HeJ mouse model of alopecia areata revealed high antigenicity of melanocyte-associated antigen epitopes	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177501	086	Targeting the skin microenvironment for effective non-viral DNA immunization	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177502	087	Molecular and cellular mechanisms of tolerogenic signature induction in CD4+ T cells by apoptotic cells	Adaptive and Auto-Immunity	CM1-10	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3177509	088	Skin delivery of modified vaccinia ankara (MVA) virus generates superior protective pulmonary immunity	Adaptive and Auto-Immunity	SePDI-01	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177514	089	Energy sensor, stress-induced mTOR inhibitor REDD1 controls response to allergic contact dermatitis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177572	090	IL-23 regulates cutaneous CD4 T cell responses to Candida albicans	Adaptive and Auto-Immunity	SePDI-08	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177583	091	CXCR6 is ubiquitously expressed by human skin TRM and may support TRM persistence	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177587	092	Approaches to generating protective T cell vaccines to conserved influenza epitopes using Modified Vaccinia Ankara (MVA) vector vaccines	Adaptive and Auto-Immunity	SePDI-06	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177604	093	Elevated IL-37 expression by CD45+ lymphocytes in melanoma	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177729	094	TSST-1-producing Staphylococcus aureus in bullous pemphigoid	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177733	095	Targeting CXCR3 in a mouse model of cutaneous lupus Erythematosus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177748	096	Identification of T cell receptor $\alpha$ and $\beta$ chains responsible for AA pathogenesis via single cell TCR sequencing	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177750	097	LFA-1 blockade prevents the onset of alopecia areata in C3H/HeJ mice	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177772	098	Simvastatin decreases AA-associated inflammation through effects on isoprenoid metabolites	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177855	099	CD4 T cells require CD8 T cells to induce disease in murine alopecia areata	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177856	100	Nrf2 deficiency leads to keratinocyte susceptibility to apoptosis under oxidative stress in oral lichen planus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177921	101	CD1a tetramers identify bacterial phospholipid-specific T cells in human skin and blood	Adaptive and Auto-Immunity	CM1-04	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3177960	102	Association of pruritus with autoimmune disorders: A cross-sectional study from a tertiary care center	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177964	103	2D visualization of the psoriasis transcriptome fails to support the existence of dual-secreting IL-17A/IL-22 Th17 T cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3177989	104	CD8+CD69+CD103+/- T cells in the tumor microenvironment and in the skin of memory-conditioned mice are expanded by anti-PD1	Adaptive and Auto-Immunity	CM1-06	CONCURRENT 1, MAY 9, 1:30 - 4:00 PM
3178017	105	Neutralization of IL-12 and IL-23 does not prevent experimental alopecia areata	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3178025	106	Investigating the role of integrins $\alpha\beta6$ and $\alpha\beta8$ in CD8+ resident memory T-Cell and langerhan cell migration	Adaptive and Auto-Immunity	SePDI-07	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3178026	107	Up-regulated ADP/ATP translocase 2 in psoriasis leads to keratinocyte hyperproliferation by modulating mitochondrial energy homeostasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3178037	108	Immune checkpoints and activation molecules including PD-1 are highly conserved across mouse and human TRM, and co-regulated by HIF-1 $\alpha$	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3178244	109	Circulating T follicular helper subsets, Tfh2 cells, and interleukin-21 in bullous pemphigoid	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3121595	110	Multiparameter tissue imaging reveals the cutaneous T cell lymphoma microenvironment in response to immunotherapy	Carcinogenesis and Cancer Genetics	CM7-03	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3140616	111	Systemic chemotherapy promotes HIF-1 $\alpha$ mediated glycolysis and IL-17F pathways in mycosis fungoides	Carcinogenesis and Cancer Genetics	SePDII-02	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3143364	112	Skin micro-sampling device, MicrobiopsyTM is more sensitive to detect known melanoma and non-melanoma skin cancer biomarkers on	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3164813	113	PRKAR2B is regulated by TOX and overexpressed in early stage mycosis fungoides	Carcinogenesis and Cancer Genetics	SePDII-08	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3167112	114	Cutaneous T-Cell lymphoma is genetically and clonotypically heterogeneous	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3167313	115	Activation of CD271 neurotrophin receptor favors differentiation and reduces invasiveness of squamous cell carcinoma by in vitro and in	Carcinogenesis and Cancer Genetics	SePDII-09	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3167905	116	Mosaic RASopathies associated with rhabdomyosarcoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3167945	117	Small non-coding RNA SNORA12 effects MAPK1 signaling	Carcinogenesis and Cancer Genetics	SePDII-01	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3168152	118	Inhibition of p38 re-expresses e-cadherin and prevents vascular invasion in melanoma	Carcinogenesis and Cancer Genetics	SePDII-04	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3169192	119	Genetic alterations in cutaneous squamous cell carcinoma arising in immunocompromised patients: a review of the current literature	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3170688	120	The novel AKT inhibitor afuresertib inhibits Merkel cell carcinoma through targeting TSC-mTOR and GSK-3 pathways	Carcinogenesis and Cancer Genetics	CM7-04	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3173127	121	Prognostic value of INPP5A expression in recurrent and metastatic cutaneous squamous cell carcinoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3174856	122	AMBRA1 and SQSTM1; Prognostic and surgical excision biomarkers for cSCC	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY

**2019 Society for Investigative Dermatology Abstract Status Outcomes**

CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3174863	123	Ubiquitination control of tumor proliferation, metastasis and immune escape via prohibitin/stat3/PD-L1 axis in melanoma	Carcinogenesis and Cancer Genetics	SePDII-10	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3175030	124	Characterization of the cooperative role of co-amplified PIK3Cα and ΔNp63α in squamous tumor initiation and progression	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3175104	125	Induced DNA repair in Xeroderma Pigmentosum Group C Cells by readthrough of Premature Termination Codons (PTC)	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3175169	126	Anatomic distribution of cutaneous melanoma in patients with and without germline CDKN2A and CDK4 mutations	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3175462	127	Digital droplet PCR assays for the detection of leukemia mutations in a xeroderma pigmentosum patient with mixed phenotype acute leukemia	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3175615	128	CDC20 played an oncogenic role in human cSCC progression	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3175685	129	Heterogeneity of CNV in primary acral subtype melanoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3175687	130	Novel method for non-invasive assessment of molecular markers of UV exposure in normal skin	Carcinogenesis and Cancer Genetics	CM7-01	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3176259	131	Loss of PD-L1 expression in metastatic Merkel cell carcinoma strongly correlates with a poor prognosis	Carcinogenesis and Cancer Genetics	CM7-05	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3176385	132	Atoh1 is required for maintenance of Merkel cell carcinoma lineage identity	Carcinogenesis and Cancer Genetics	CM7-06	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3176417	133	Translation and transforming activity of a circular RNA from human papillomavirus	Carcinogenesis and Cancer Genetics	CM7-07	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3176441	134	A novel role for keratin 17 during the DNA damage response and cancer	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3176443	135	Defining the T cell landscape and neoantigens via T-cell receptor sequencing and gene expression profiling in cutaneous squamous cell carcinoma	Carcinogenesis and Cancer Genetics	SePDII-03	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176528	136	Dissecting intratumoral heterogeneity and microenvironment interactions in SCC through single-cell RNA-sequencing	Carcinogenesis and Cancer Genetics	CM7-08	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3176560	137	Risk of malignancy in psoriasis: Study of a nationally-representative sample of the US population with comparison to a single institution	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3176587	138	LAP2 proteins chaperone GLI1 movement between the lamina and chromatin to regulate transcription	Carcinogenesis and Cancer Genetics	CM7-09	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3176600	139	Transforming growth factor-β1 secreted by dermal fibroblasts induces an epithelial-to-mesenchymal transition in recessive dystrophic epidermolysis bullosa	Carcinogenesis and Cancer Genetics	SePDII-05	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176635	140	Paranuclear dot sequesters death receptors to inhibit apoptosis in Merkel cell carcinoma	Carcinogenesis and Cancer Genetics	CM7-10	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3176638	141	PI3K signaling modulates the induction of MHC class I and II molecules by IFN-γ	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3176663	142	Keratinocyte p38α ablation reveals a context-dependent regulation of tumor initiation, tumor type specification, maintenance, and malignancy	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3176750	143	Molecular targeting of the DNA binding domain of TOX protein results in selective inhibition of cutaneous T cell lymphoma cells	Carcinogenesis and Cancer Genetics	CM7-11	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3176962	144	Expression and significance of RIPK3 in the cutaneous squamous cell carcinoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177008	145	An in vitro model of immunotherapy-tolerant melanoma persister cells	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177030	146	N-myc downstream regulated gene 1 (NDRG1) promotes adipocyte differentiation in infantile hemangioma endothelial cells	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177089	147	Ruxolitinib reverses accelerated tumor growth of RDEB-cSCCs in a xenograft mouse model	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177153	148	Revealing a common, yet novel cutaneous squamous cell carcinoma driver mutation hidden in the photodamaged skin genome	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177266	149	Metformin as adjuvant in PDT in squamous cell carcinoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177271	150	Cancer immune control requires interferon- dependent activation of the p16Ink4a senescence signaling pathways	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177355	151	Investigating BMP signaling as a therapeutic target in advanced melanoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177438	152	Suppression of p38α promotes fibroblast-led human squamous cell carcinoma (SCC) invasion through p38δ-dependent mechanism	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177472	153	Metabolic Dynamics Modulate Lymphocyte Migration Through mROS/HIF-1α Axis	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177540	154	Dissecting the keratinocyte lineage of basal cell carcinoma using single cell RNA sequencing	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177544	155	Targeting p38α and p38δ kinases differentially modulates responses to cisplatin and EGFR inhibitor therapies in human squamous cell carcinoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177565	156	Conditional expression of oncogenic KrasG12D and HrasG12V alleles in mouse keratinocytes reveals a dose dependent requirement for tumor progression	Carcinogenesis and Cancer Genetics	SePDII-07	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177571	157	Uncharacterized protein REDI is required for epidermal differentiation and suppression of cancer invasion	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177736	158	Triggering immortalized keratinocyte growth arrest by protein kinase C delta activation	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177833	159	Precision RNA-sequencing of squamous cell carcinoma in situ identifies therapeutic targets	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177844	160	Mechanisms governing promoter methylation and apoptosis in cutaneous T-cell lymphoma: implications for therapy with methotrexate	Carcinogenesis and Cancer Genetics	CM7-12	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3177867	161	Harnessing Sleeping Beauty transposon mutagenesis to model tumor heterogeneity in melanoma preclinical models	Carcinogenesis and Cancer Genetics	CM6-11	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3177878	162	Unique expression of a fibronectin isoform in mycosis fungoides	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3177881	163	The H3K27 Demethylase UTX regulates skin carcinogenesis possibly through a HOXB9 pathway	Carcinogenesis and Cancer Genetics	SePDII-06	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177893	164	Increased PD-L1 and CD47 expression in high-risk cutaneous squamous cell carcinomas	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3178013	165	Contribution of TOX1 and STAT3 pathways to the development of cutaneous T-cell lymphoma (CTCL)	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3178023	166	Suppression of very long chain fatty acids as an early marker of skin carcinogenesis	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3178035	167	Transcriptomic profiling of tumor infiltrating cells in cutaneous squamous cell carcinoma using single-cell rna sequencing	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3178043	168	De novo PITX1 expression controls bi-stable network motifs to govern self-renewal in squamous cell carcinoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3178059	169	Single-cell profiling of cutaneous T-cell lymphoma reveals underlying heterogeneity predicting disease progression	Carcinogenesis and Cancer Genetics	CM7-02	CONCURRENT 7, MAY 10, 2:45 - 5:15 PM
3175986	170	Impact of congenital cutaneous hemangiomas on newborn care in the United States	Epidemiology	CM8-06	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3176754	171	Retrospective analysis of a subset of human repeat insult patch tests conducted by the Research Institute for Fragrance Materials over the past 20 years	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3167539	172	Associations of primary site and laterality on regional or distant metastases in Merkel cell carcinoma using a retrospective single-center study	Epidemiology	CM8-09	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3176244	173	Epidemiological evidence for a negative association between air pollution and basal cell carcinoma	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175738	174	Outpatient healthcare utilization patterns for atopic dermatitis among US children and adults	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178042	175	Association of particulate matter air pollution and itch: a digital epidemiology approach	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177788	176	The Prospective Cutaneous Lymphoma International Prognostic Index (PROCLIP) Study identifies clinical prognostic markers and establishes a prognostic index	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178045	177	Counseling in dermatology: Patients' perspectives	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177505	178	Association of melanoma mortality rates and geographic density of dermatology and hematology-oncology specialists	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175202	179	Allergy patterns in a florida-based private practice dermatology office	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177506	180	Skin health practices and skin risk behaviors of youth sexual minorities	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176743	181	Association of demographic and hospital characteristics with emergency department visits due to sunburn	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177001	182	Proposing a standard psychodermatological classification system for clinical and epidemiological communication and research	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177259	183	Association of atopic dermatitis, ultraviolet radiation and climate factors: a systematic review and ecological meta-analysis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY

**2019 Society for Investigative Dermatology Abstract Status Outcomes**

CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3174929	184	Prevalence of hidradenitis suppurativa stratified by age and sex	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175957	185	Gender disparity in dermatologic society leadership: A global perspective	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178005	186	Factors causing lack of diversity in dermatology residency programs: Medical students' perspectives	Epidemiology	SePDII-08	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176982	187	Characterizing amelanotic melanoma and factors associated with survival	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3159063	188	Predictors of healthcare utilization in US adults with atopic dermatitis	Epidemiology	SePDII-02	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3172376	189	Risk of serious infection in patients on systemic medications for the treatment of psoriasis: an observational comparative cohort study	Epidemiology	CM8-03	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3178012	190	Oregon's War On Melanoma™: A statewide public health experiment	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175936	191	Incidence, survival, and demographics of primary cutaneous gamma/delta T-cell lymphoma in the United States from 2006-2015: A survey	Epidemiology	CM8-08	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3177986	192	Diagnostic delay in hidradenitis suppurativa	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177476	193	Atopic eczema in adulthood and the risk of dementia: A population-based cohort study	Epidemiology	PLII-04	PLENARY II, MAY 10, 10:00 - 11:00 AM
3177988	194	Dermatologic assessment is associated with improved melanoma outcomes: population-based cohort study	Epidemiology	CM8-12	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3176709	195	Acne keloidalis nuchae: A population-based epidemiologic study in central and northeastern Pennsylvania	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176710	196	Hidradenitis Suppurativa dermatology visits by gender, race, and insurer in a midwest population	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177478	197	Despite using sun-protective practices, melanoma patients do not report lower rates of sunburns	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176968	198	Interests in exchanging digital images or videos with healthcare providers: a national survey	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177995	199	Inpatient burden of hidradenitis suppurativa in the United States: Analysis of the 2016 National Inpatient Sample	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177997	200	Risks and timing of future skin cancers in patients with actinic keratosis	Epidemiology	PLII-01	PLENARY II, MAY 10, 10:00 - 11:00 AM
3165710	201	Use and cost of photodynamic therapy in the Medicare population, 2012 to 2016	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3162994	202	The Oncostatin M receptor beta axis identified in prurigo nodularis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3171955	203	Drug-induced pruritus in a tertiary care health system	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3172983	204	The malignancy potential of porokeratosis: a single-center retrospective study	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3165560	205	Risk of ischemic heart disease in patients with alopecia areata: A large, urban, retrospective Midwestern US patient population study	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3168378	206	Sun protective behaviors and development of keratinocyte carcinomas in high-risk patients in the VAKCC (Veterans Affairs Keratinocyte Cohort)	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177599	207	Gender equality among award winners and leaders at the Society for Investigative Dermatology meetings	Epidemiology	SePDII-07	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176546	208	Practical screening for depression in dermatology	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3138428	209	Do mental health comorbidities influence patient satisfaction? A population study among U.S. adults with psoriasis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177827	210	Correlates of multiple cutaneous squamous cell carcinoma	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3170660	211	Adults with psoriasis receive more opioid prescriptions than adults without psoriasis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3162960	212	Concerns about psoriasis differ by race: implications for patient-centered goal-setting and counseling	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177808	213	Red cell distribution width may mark cardiovascular risk among pediatric psoriasis patients	Epidemiology	SePDII-05	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3165779	214	Patterns of atopic eczema disease activity from birth through mid-adulthood in two British birth cohorts	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3167065	215	Chronic lead toxicity: Skin signs and changes in cutaneous biophysical properties	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3171929	216	Epidemiological trends among people who inject drugs with wounds: a cross-sectional study in a needle exchange clinic	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175773	217	Real-world chemotherapy adherence for Kaposi's sarcoma in Sub-Saharan Africa	Epidemiology	SePDII-01	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3174720	218	Incidence of herpes zoster and risk of cancer in early onset HZ patients: A nationwide, population-based cohort study	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175232	219	A systematic review and meta-analysis of the association between hidradenitis suppurativa, depression, suicidal ideation, and anxiety	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177536	220	County-level associations between climate factors and cutaneous melanoma incidence in the US	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3168065	221	Indoor tanning among MSM in San Francisco	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178053	222	Dermatologist healthy habit counseling	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177798	223	Association between itch and cancer in 4,543 pediatric patients at a tertiary care center	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178056	224	Patient preferences when choosing a dermatologist	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3091030	225	Inflammatory dietary pattern and incident psoriasis, psoriatic arthritis, and atopic dermatitis in women: A cohort study	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178060	226	Using a skin cancer polygenic risk score to stratify high- and low-risk individuals	Epidemiology	CM8-10	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3167311	227	Real-world drug discontinuation of acitretin (ACI), ciclosporin (CsA), fumaric acid esters (FAE) and methotrexate (MTX) in patients with moderate to severe psoriasis	Epidemiology	CM8-02	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3174837	228	Estimation of the relative contribution of environmental and genetic factors to facial skin aging: A step towards individualized cosmetics	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3091625	229	Hospital readmission in US adults and children with psoriasis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3168696	230	Dermatologist wait times: A simulated phone call study	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176888	231	Epidemiology of alopecia areata, totalis, universalis, and ophiasis: A systematic review and meta-analysis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177403	232	Sex differences in the perception of itch and quality of life in patients with chronic pruritus	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176611	233	Cohort study of high frequency basal cell carcinoma (BCC) patients in Denmark	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3167909	234	Atopic dermatitis is associated with distinct phenotypes in US adults	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176358	235	Role of laboratory evaluation in patients with chronic pruritus	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3172266	236	Morbidity and mortality of measles in US inpatients	Epidemiology	CM8-07	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3175597	237	Diversity in dermatology: the UCSF experience	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176622	238	Association between prurigo nodularis and malignancy in middle-aged adults	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176623	239	Age of atopic dermatitis onset influences longitudinal disease control and persistence in children	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176848	240	Characteristics of atypical post-radiation vascular proliferation: a multicenter retrospective review	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177617	241	Association between patient medical complexity and time spent at dermatology office visits in the national ambulatory medical care survey	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3163538	242	Infectious comorbidities associated with hidradenitis suppurativa: an analysis of the national ambulatory medical care survey and national inpatient sample	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176597	243	Investigation of the prevalence and clinical characteristics of sensitive skin in adolescents in Xinjiang	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177621	244	Ten-year fatal risk for cardiovascular disease (CVD) in psoriasis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY

**2019 Society for Investigative Dermatology Abstract Status Outcomes**

CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3177370	245	Validation and interpretation of short form 12 and comparison with dermatology life quality index in adult atopic dermatitis	Epidemiology	SePDII-09	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177882	246	The burden of atopic dermatitis in an underserved and diverse urban population: A pilot study	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176833	247	The administrative burden and costs of prior authorizations in dermatology	Epidemiology	SePDII-04	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176583	248	Patient and physician perspectives in atopic dermatitis: a population-based cross-sectional study	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177609	249	Characterization of international oral antibiotic use for acne	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3168139	250	Skin comorbidities in children with atopic dermatitis: A population-based, cross-sectional analysis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177612	251	Natural history of wounds in patients with recessive dystrophic epidermolysis bullosa	Epidemiology	SePDII-06	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176846	252	Prevalence of moderate to severe acne in transgender adults	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3170800	253	Incidence of multiple primary keratinocyte carcinomas in organ transplant patients	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177969	254	Does funding source influence the outcome of indoor tanning studies? a systematic review	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3168499	255	Prospective evaluation of body mass index, sun-protective behavior and keratinocyte carcinoma risk	Epidemiology	SePDII-10	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177971	256	Incidental melanoma detection following tele dermatology consultation	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175412	257	Risk factors for infantile hemangioma: A systematic review and meta-analysis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3164920	258	Temporal trends and abnormal values for laboratory monitoring during isotretinoin therapy for acne	Epidemiology	CM8-01	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3159545	259	Comparing willingness-to-pay and time-trade-off as the measures of burden of psoriasis: A pooled analysis of community, hospital, and	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177978	260	Use of antibiotics in preschool age predicts atopic and allergic skin diseases in adolescents: A retrospective cohort study	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175934	261	Characterization of stress sensitivity of itch in a population of chronic itch patients	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177982	262	Tanning heatmaps: A geographic analysis of indoor tanning salons and populations of gay men	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176672	263	Development of a psoriasis disease severity score using claims-based data	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3165155	264	Racial/ethnic and sex differences in healthcare utilization and treatment for acne	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177958	265	The global burden of skin disease: An update from the Global Burden of Disease Study 2017	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175911	266	Rising use of adjuvant radiation treatment in melanoma	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3133431	267	Regional disparities in healthcare utilization and costs of atopic dermatitis	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175656	268	Comparison of accuracy and the effect of anecdotes on patient engagement of rosacea videos on social media	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3170029	269	Comorbidity clusters in hidradenitis suppurativa in a large commercially insured population in the US	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177939	270	Development and validation of a simple model to predict the risk of keratinocyte carcinoma on screening total body skin examination	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175637	271	From clinical to genotypic modeling: Recessive Dystrophic Epidermolysis Bullosa (RDEB)	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3168471	272	Predictors of squamous cell carcinoma and implications for follow-up in high-risk patients in the Veterans Affairs Keratinocyte Carcinoma	Epidemiology	CM8-11	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3176407	273	Defining flare in hidradenitis suppurativa: A systematic review	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177947	274	Spray sunscreen - Characterizing real world use and implications for sun protection	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3139523	275	Predictors of basal cell carcinoma and implications for follow up in high-risk patients in the VAKCC Trial	Epidemiology	SePDII-03	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3168732	276	U.S. regional differences in psoriasis care: Healthcare utilization, costs, and access to biologics	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3169728	277	Heritability of tanning addiction: A prospective twin concordance study	Epidemiology	CM8-04	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3177154	278	Incidence rates for cutaneous melanoma subtypes by US geographic region: analysis of data from the NCI nationwide SEER program utili	Epidemiology	CM8-05	CONCURRENT 8, MAY 10, 2:45 - 5:15 PM
3176132	279	Content analysis of psoriasis and eczema direct to consumer advertisements	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176646	280	Validation of algorithms to identify transplant recipients from the electronic health record	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177930	281	Hidradenitis suppurativa encounters notable for infrequent biologic prescriptions and frequent opiate prescriptions	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176908	282	Eczema is associated with increased hospitalization rates in United States children	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177164	283	The global burden of decubitus ulcers, 1990-2015	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3165645	284	The continued inappropriate use of combination topical clotrimazole/betamethasone	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177421	285	Clinical characteristics of chronic itch and pain in patients with fibromyalgia	Epidemiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3088521	286	SerpinB12 is an intrinsic mesotrypsin inhibitor regulating corneocyte desquamation and denucleation	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3140968	287	Polycomb repressive complex 1 (PRC1) preserves epidermal tissue integrity independently of PRC2	Epidermal Structure and Barrier Fun	PLIII-04	PLENARY III, MAY 11, 8:30 - 9:30 AM
3162503	288	DLX3- A Homeobox protein modulating regulatory networks and signaling pathways crucial for epidermal homeostasis	Epidermal Structure and Barrier Fun	SePDII-06	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3165068	289	Characterization of three-dimensional in vitro human skin culture model mimicking atopic dermatitis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3165098	290	Glycolytic control of keratinocyte differentiation	Epidermal Structure and Barrier Fun	CM9-06	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3167299	291	Alternate expression of SLC15A1 and SLC15A2 in epidermal differentiation is required for NOD2 immune responses by a bacteria-derived	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3167724	292	IL-17 and IL-22 promote keratinocyte stemness in the germinative compartment in psoriasis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3167725	293	Altered methylation of microRNA (miRNA) in the psoriatic epidermis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3168226	294	Enhancement of skin integrity in insulin-dependent diabetics	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3169047	295	A study of skin characteristic after sleeping according to age	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3169491	296	Minerals skin effects, new discoveries and proposed mechanism as demonstrated via Dead Sea water	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3169817	297	KCa3.1-overexpression in skin causes pruritic eczema and epidermal hyperplasia	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3170435	298	Both sphingosine kinase 1 and 2 coordinately regulate cathelicidin antimicrobial peptide production during keratinocyte differentiation	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3171699	299	IL-31/IL-31 receptor alpha interaction augments IL-4-induced Ccl 17 and Ccl 22 production in dendritic cells	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3173123	300	Exposure to ultrafine particles from air pollution affects epidermal regenerative potential	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3173358	301	In vivo evaluation of sustainably sourced of camu camu extract on skin fatigue	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3173445	302	Targeting perfect skin repair markers in a model of induced cellular senescence	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3173504	303	Development of a bioinformatic interaction network to describe skin dermo-epidermal junction of DEJ-oriented 3D bioengineered skin m	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3173625	304	Study of the effects of "daily life stress" combined with environmental challenge on skin aging - Development of relevant 3D bioengineer	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3173803	305	Study of the silencing of a combination of genes involved in cellular senescence in 3D skin bioengineered models	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3173856	306	Skin vital Energy & pigmentation epigenetic regulation: Sacred lotus fraction benefits	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3174189	307	Basis for enhanced epidermal permeability barrier function in topical heparinoid-treated mice	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3174321	308	Beneficial effect of coumestrol on the psychological stress-induced skin barrier dysfunction through inhibition of 11 $\beta$ -hydroxysteroid de	Epidermal Structure and Barrier Fun	SePDII-07	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3174928	309	Differentiation-dependent expression of NIX promotes mitochondrial fission via dynamin-related protein 1 in epidermal keratinocytes	Epidermal Structure and Barrier Fun	CM9-05	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3175284	310	Staphylococcus epidermidis cysteine protease EcpA is an epidermal barrier penetration enzyme	Epidermal Structure and Barrier Fun	CM9-07	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3175435	311	Niacinamide reduces in vivo inflammatory response due to skin barrier disruption	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3175456	312	Epigenetic modules governing skin epidermal homeostasis	Epidermal Structure and Barrier Fun	CM9-08	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3175596	313	In vivo enhancer deletion in the EDC results in decreased proximal involucrin and Lce6a target gene expression marked by less accessible	Epidermal Structure and Barrier Fun	CM9-10	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3175650	314	Loricrin protects against chemical carcinogenesis but affects cancer immunoediting	Epidermal Structure and Barrier Fun	SePDII-03	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3175667	315	Automated epidermal strata detection and investigation of metabolic enzyme activity in skin and epidermal equivalents treated with me	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3175737	316	Skin barrier function and integrity changes after topical application of emulsions with different pH	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3175844	317	Mechanism of SO <sub>2</sub> -induced oxidation and inflammatory injury of human skin keratinocytes	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3175940	318	Chronic stress exposure leads to skin exhaustion through continuous epinephrine release	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3175968	319	Epigenetic enhancer regulation in epithelial development and carcinogenesis	Epidermal Structure and Barrier Fun	CM9-11	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3176105	320	Protective effect of ferulic acid on decreased involucrin expression in HaCaT caused by acrolein	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176114	321	Lowering the intracellular antioxidant system triggers impaired barrier function	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176158	322	The Role of carbonylated proteins in corneocytes on skin barrier function	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176194	323	Natural antioxidant products from peanuts sprouts and citron seed oils exhibit a potent anti-inflammatory activity in the oxazolone-indu	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176225	324	A potential role of galectin-7 as a stabilizer for IL-4/IL-13-induced barrier disruption in atopic dermatitis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176299	325	WFDC12, a novel putative member of epidermal protease inhibitors, is expressed in differentiated keratinocytes and regulated in pathol	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176321	326	Enhancer-promoter looping controls EMSY expression, affecting multiple components of skin barrier structure and function with relevan	Epidermal Structure and Barrier Fun	CM9-12	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3176364	327	A new anti-reactive skin ingredient obtained from Chlamydomonas acidophila microalga	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176391	328	Expression of MRGPRX2(B2) on mast cells is upregulated in the skin lesion of atopic dermatitis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176420	329	Effect of Rho kinase inhibitor on culture of primary mouse keratinocytes	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176442	330	The Aryl Hydrocarbon Receptor (AHR) regulates vitamin A metabolism in keratinocytes	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176610	331	Development of in vitro models mimicking the signs of skin fatigue	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176745	332	A noncoding RNA CRISPR-interference screen identifies novel regulators and pathways of human epidermis formation	Epidermal Structure and Barrier Fun	CM9-04	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3176792	333	Ciliophagy governs transdifferentiation of multiciliated cells in Xenopus embryonic skin	Epidermal Structure and Barrier Fun	SePDII-08	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176816	334	The desmosome is a mesoscale lipid raft-like membrane domain	Epidermal Structure and Barrier Fun	SePDII-02	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176817	335	Development of a new three-dimensional reconstructed human epidermis model silenced for key circadian rhythm genes to study their	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176829	336	Development of an in vitro model of human lip skin	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3176836	337	The calcium sensing receptor regulates epidermal intracellular Ca <sup>2+</sup> signaling and re-epithelialization in aged epidermis	Epidermal Structure and Barrier Fun	SePDII-04	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176938	338	Targeted molecular mimicry to prevent infection: Using the airway epithelium as a model	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177023	339	Keratin 1–keratin 10 helix 1B tetramer crystal structures reveal a knob-pocket mechanism important for proper assembly of intermediat	Epidermal Structure and Barrier Fun	CM9-01	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3177146	340	Extract of Deschampsia Antarctica: A protection against the main environmental factors that causes photoaging	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177214	341	Epidermal nuclear degradation during terminal differentiation involves cytoplasmic dispersal of lamina proteins and rapid nuclear shrink	Epidermal Structure and Barrier Fun	SePDII-05	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177227	342	Long non-coding RNA RP6-65G23.1 regulates proliferation and apoptosis of keratinocytes through p-ERK/p-AKT pathway	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177234	343	Glucocorticoids interfere with skin barrier function through the activation of mineralocorticoid receptor as well as glucocorticoid recept	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177242	344	The correlation between the diseases severity in children of Staphylococcal scalded skin syndrome and impetigo and serum levels of anti	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177306	345	Skin insulin resistance impairs skin barrier function in hyperglycemic and diabetic mouse models	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177418	346	The role of Ndel1 and Nde1 in regulating keratin assembly at the desmosome	Epidermal Structure and Barrier Fun	CM9-02	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3177456	347	Humidity-dependent ex vivo corneocyte maturation and the importance of transglutaminase and 12R-lipoxygenase activities	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177631	348	Loss of EphA2 inhibits GATA-3 transcriptional function leading to a terminal differentiation defect	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177727	349	Regulation of epithelial stem cell proliferation and differentiation by the G $\alpha$ i heterotrimeric G protein	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177785	350	Chromatin remodelling ATFase Lsh maintains DNA methylation at constitutive heterochromatin and prevents activation of silent transpo	Epidermal Structure and Barrier Fun	CM9-09	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3177805	351	Evidence that ammonia molecules diffusing across the skin surface can contribute to acid neutralization of the skin	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177806	352	Magnesium regulates permeability barrier homeostasis in human epidermal equivalent cultures	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177820	353	Sphingosine 1-phosphate receptor 2 (S1PR2) deficiency alters skin barrier homeostasis	Epidermal Structure and Barrier Fun	SePDII-09	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177821	354	Capturing epithelial-immune interactions to maintain tissue homeostasis	Epidermal Structure and Barrier Fun	SePDII-01	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177839	355	Validation of a novel patient-operated device for measuring skin barrier function in atopic dermatitis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177905	356	Minocycline inhibits keratinocyte proliferation via modulating Ca <sup>2+</sup> /lysosome/IL1 $\alpha$ system	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177914	357	Deciphering biosynthesis of all-trans-retinoic acid from retinaldehyde and the regulation of retinoid homeostasis in skin	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3177934	358	Bioinformatic analysis of keratinocyte differentiation from induce pluripotent stem cells	Epidermal Structure and Barrier Fun	CM9-03	CONCURRENT 9, MAY 10, 2:45 - 5:15 PM
3177991	359	Lipidome alterations in psoriasis and atopic dermatitis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3178046	360	Assessment of skin barrier function from skin images with topological data analysis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3178051	361	Ephrin-A1 ligand strengthens tight junction function and prevents Th2 cytokine-induced barrier collapse	Epidermal Structure and Barrier Fun	CM6-04	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3088027	362	Necklace sign as a marker of pulmonary disease severity in tuberous sclerosis complex	Genetic Disease, Gene Regulation an	POSTER SESSION ONLY	POSTER SESSION ONLY
3143043	363	NF1 heterozygosity fosters de novo tumorigenesis but impairs malignant transformation	Genetic Disease, Gene Regulation an	CM2-06	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3146897	364	Emotional triggers to pain in a patient with cutaneous leiomyomas associated with Reed syndrome	Genetic Disease, Gene Regulation an	POSTER SESSION ONLY	POSTER SESSION ONLY
3161603	365	Multivalent chromatin looping orchestrates cellular reprogramming for advanced gene therapy	Genetic Disease, Gene Regulation an	CM2-03	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3163000	366	Unraveling keratinocyte gene regulatory networks with single-cell crispr screening and epigenomic profiling	Genetic Disease, Gene Regulation an	PLIII-05	PLENARY III, MAY 11, 8:30 - 9:30 AM

**2019 Society for Investigative Dermatology Abstract Status Outcomes**

CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3163219	367	Cutaneous features and variant allele fraction correlate with disease severity in mosaic tuberous sclerosis complex	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3164254	368	Novel mevalonate kinase mutation in a patient with porokeratosis ptychotropica	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3164758	369	Permanent alteration of Abcc6 with in vivo CRISPR-Cas9 genome editing	Genetic Disease, Gene Regulation and	CM6-07	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3165037	370	Genetically corrected autologous keratinocyte epidermal grafts improve wound healing and patient reported outcomes in patients with	Genetic Disease, Gene Regulation and	SePDI-03	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3168150	371	The use of human skin equivalents to evaluate the effectivity of QR-313, an antisense oligonucleotide, in gel formulation	Genetic Disease, Gene Regulation and	SePDI-02	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3169490	372	RNA-seq of circular RNAs identified circPTPN22 as a potential new activity indicator in systemic lupus erythematosus	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3170931	373	Comparative analysis of acne and rosacea transcriptomes identifies compounds that target distinct disease-specific signatures of pathogen	Genetic Disease, Gene Regulation and	CM2-12	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3173118	374	CRISPR/Cas9-base editing mediated correction for recessive dystrophic epidermolysis bullosa	Genetic Disease, Gene Regulation and	CM2-05	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3174897	375	The chromatin architectural protein CTCF regulates expression of pro-inflammatory cytokines in the skin cells	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3175017	376	Tsc2 disruption in mesenchymal progenitors regulates hair follicles and TGF beta signaling	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3175197	377	General characterization of PFN1 in skin keratinocyte and its regulation in DNA damage response and repair machinery	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3175233	378	Enhanced AQP3 induced by short-term of UVA irradiation prevents skin photoaging through activating autophagy by interacting with DE	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3175340	379	KB105: An HSV-based gene therapy vector engineered to deliver functional TGM1 to Autosomal Recessive Congenital Ichthyosis (ARCI) k	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3175408	380	KB104: an HSV-based gene therapy vector engineered to deliver functional SPINK5 for the treatment of Netherton Syndrome	Genetic Disease, Gene Regulation and	SePDI-05	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3175415	381	Desmoglein 1 role in gap junction turnover revealed through the study of SAM syndrome	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3175451	382	Searching for targets to combat fibrosis in RDEB patients	Genetic Disease, Gene Regulation and	CM2-08	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3175499	383	Preclinical safety and pharmacology of KB105, an HSV-based gene therapy vector for the treatment of autosomal recessive congenital ic	Genetic Disease, Gene Regulation and	CM2-10	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3175800	384	First in human use of a novel in vivo gene therapy to successfully correct recessive dystrophic epidermolysis bullosa (RDEB) skin: Results	Genetic Disease, Gene Regulation and	SePDI-04	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3175963	385	Patterning of linear morphea on the face and neck: Blaschkoid or not?	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3175998	386	Autocrine IFN-k restricts CRISPR-Cas9 keratinocyte transfection	Genetic Disease, Gene Regulation and	SePDI-01	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176042	387	Desmoglein 3 deficiency in a patient with suprabasal acantholytic blisters in oral and laryngeal mucosa	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3176250	388	A multicenter study on the use of Sildenafil for lymphatic malformation in children	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3176322	389	Chromatin accessibility signatures in human blood CD4+ T and CD19+ B cells	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3176382	390	Second-hit, post-zygotic PMVKand MVD mutations cause linear porokeratosis	Genetic Disease, Gene Regulation and	SePDI-10	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176436	391	Validating causative mutations in patients with Ehlers-Danlos Syndrome using a novel xenograft model	Genetic Disease, Gene Regulation and	CM6-02	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3176449	392	Altered keratinocyte differentiation is an early driver of keratin mutation-based palmoplantar keratoderma lesions	Genetic Disease, Gene Regulation and	SePDI-08	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176472	393	Rare genetic mutations identify extracellular matrix genes as a contributing factor in alopecia areata etiology	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3176496	394	Topically-applied bispecific nanoconstructs concurrently targeting TNFA and IL17RA reverse psoriasis-like changes in the imiquimod-indu	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3176564	395	Collagen VII is required in both fibroblasts and keratinocytes for anchoring fibril formation in bilayer skin substitutes	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3176620	396	Revertant mosaic fibroblasts in recessive dystrophic epidermolysis bullosa	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3176675	397	Uncovering causative, noncoding genetic variants in cutaneous diseases	Genetic Disease, Gene Regulation and	CM2-02	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3176809	398	Neutrophil extracellular trap-dependent Th17 polarization of memory T-cells requires monocyte-T-cell contact and stimulates cytokine g	Genetic Disease, Gene Regulation and	SePDI-07	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176972	399	Epidermal ablation of hairless activates IL-36 signaling and epidermal T cell proliferation	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177024	400	Transcription termination regulates keratinocyte proliferation and differentiation	Genetic Disease, Gene Regulation and	CM2-01	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3177094	401	Characterization of novel MAPK interactor with potential in therapeutic development	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177190	402	Variable effects of the ITGA3R274Q on epithelial keratinocytes and kidney epithelial cells, insights into genotype-phenotype correlations	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177313	403	GGCX mutations in a patient with co-existent overlapping PXE/CL phenotype and thalassemia minor	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177349	404	A phytic acid derivative INS-3001 prevents ectopic mineralization in an Abcc6-/- mouse model of pseudoxanthoma elasticum	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177377	405	Adenovirus-mediated ABCC6 gene therapy prevents ectopic mineralization in an Abcc6-/- mouse model of pseudoxanthoma elasticum	Genetic Disease, Gene Regulation and	CM2-11	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3177389	406	An in vitro splicing assay reveals the pathogenicity of intronic variants in ABCC6, the gene at fault in pseudoxanthoma elasticum	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177432	407	Next generation sequencing approaches identify a novel Alu recombination-mediated large intronic deletion in CDH3 in a family with hyp	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177491	408	POFUT1 mutation in a patient with flexural and acral hyperpigmented reticulated macules	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177495	409	Next generation sequencing-directed treatment in a patient with two co-existing genodermatoses: Acrodermatitis enteropathica (AE) an	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177524	410	Pyrimin-associated auto-inflammation with neutrophilic dermatosis (PAAND): Novel autosomal recessive MEFV mutation and successful tre	Genetic Disease, Gene Regulation and	SePDI-09	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177558	411	Whole exome sequencing revealed the causative gene for autosomal dominant nonalcoholic fatty liver disease and/or dyslipidemia, incl	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177730	412	Differential chromatin accessibility in skin-homing vs. non-skin homing CD4+ T cells	Genetic Disease, Gene Regulation and	CM2-09	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3177797	413	One-step iPSC-reprogramming and genome-editing on primary fibroblasts using CRISPR/Cas9 ribonucleoprotein approach for recessive dy	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177825	414	Uncovering the cause of early lethality in generalized severe junctional epidermolysis bullosa	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177869	415	Wiskott-Aldrich syndrome in a pediatric hospital in Costa Rica	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177928	416	Regulation of the number of melanocytic nevi by the RAS pathway in cardio-facio-cutaneous and Costello syndromes	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3177946	417	Combined RNA-based gene editing and reprogramming of iPSCs for the modeling and treatment of genetic diseases	Genetic Disease, Gene Regulation and	CM2-04	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3177973	418	Population-specific calibration of the human skin barrier by recent evolution of eQTLs that modulate involucrin expression	Genetic Disease, Gene Regulation and	SePDI-06	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3178022	419	GTEX-skin eQTLs and uncommon variants associated with decreased Involucrin expression are enriched with FLG LOF variants in atopic d	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3178102	420	Investigating new molecular pathways in skin vascular formation and disease	Genetic Disease, Gene Regulation and	CM2-07	CONCURRENT 2, MAY 9, 1:30 - 4:00 PM
3163931	421	Pemphigus vulgaris IgG autoantibodies directly inhibit heterophilic desmoglein 3-desmocollin 3 adhesion by steric hindrance	Growth Factors, Cell Adhesion and M	SePDI-07	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3168149	422	Functional analysis of Collagen Type VII without exon 80 to evaluate the potential of antisense oligonucleotide therapy for RDEB	Growth Factors, Cell Adhesion and M	CM3-01	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM
3168958	423	The intercellular adhesion of human dermal lymphatic microvascular endothelial cells is decreased by cortisol and increased by peach ke	Growth Factors, Cell Adhesion and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3169030	424	Changes in matrix metalloproteinase and collagen transcription through TGF-β/Smad pathway in passaged normal human dermal fibrobl	Growth Factors, Cell Adhesion and M	SePDI-10	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3175213	425	RNA-seq transcriptomic profiling of diffuse and limited cutaneous systemic sclerosis	Growth Factors, Cell Adhesion and M	SePDI-05	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3175365	426	Transcriptome analysis determines a cosmetic formulation containing botanical extracts activates extracellular matrix remodeling in vitr	Growth Factors, Cell Adhesion and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3175425	427	Blockade of autophagy accelerates the development of alopecia areata	Growth Factors, Cell Adhesion and M	CM3-03	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3175848	428	Itraconazole inhibits the PDGF-D/PI3K/Akt/mTOR pathway in vitro and down-regulates serum PDGF-A of infantile hemangioma via oral a	Growth Factors, Cell Adhesion and M	CM3-09	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM
3175966	429	mTORC1 feedback to AKT modulates MIT/TFE-driven lysosomal biogenesis and EGFR degradation	Growth Factors, Cell Adhesion and M	CM3-04	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM
3176395	430	Targeting SASP exosomes to limit senescence-associated premature skin aging	Growth Factors, Cell Adhesion and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3176470	431	Desmosomes pattern cell mechanics to govern epidermal tissue form and function	Growth Factors, Cell Adhesion and M	SePDI-03	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176841	432	Patient and device generated variability in platelet-derived growth factors during platelet-rich plasma therapy for hair loss	Growth Factors, Cell Adhesion and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3176895	433	Pemphigus vulgaris patient disease severity correlates with in vitro assessments of desmosomal function	Growth Factors, Cell Adhesion and M	SePDI-04	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177300	434	Novel anti-ageing function discovered in skin for the long non coding RNA nc886	Growth Factors, Cell Adhesion and M	SePDI-09	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177525	435	Epigenetic activation of a novel TGFβ2 enhancer sustains dermal fibrosis in systemic sclerosis	Growth Factors, Cell Adhesion and M	CM3-10	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM
3177537	436	The role of the endosomal trafficking complex, the retromer, in regulating desmoglein-1 localization	Growth Factors, Cell Adhesion and M	CM3-05	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM
3177607	437	Development and characterization of biomimetic dermal matrices to study the impact of aging on human fibroblast function	Growth Factors, Cell Adhesion and M	CM3-07	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM
3177623	438	Pharmacological inhibition of leptin delays anagen in the murine hair cycle	Growth Factors, Cell Adhesion and M	CM3-02	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM
3177770	439	Mechanism for loss of intradermal fat accompanying skin fibrosis	Growth Factors, Cell Adhesion and M	CM3-08	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM
3177790	440	Planar cell polarity-disrupting mutation alters Celsr1-mediated cell adhesion and dynamics	Growth Factors, Cell Adhesion and M	CM3-06	CONCURRENT 3, MAY 9, 1:30 - 4:00 PM
3177840	441	Targeting glycolysis metabolism prevents the onset of alopecia areata in C3H/HeJ mice	Growth Factors, Cell Adhesion and M	SePDI-01	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177841	442	Laminin alpha 5 in skin microvascular endothelial cell function and angiogenesis	Growth Factors, Cell Adhesion and M	SePDI-06	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177860	443	Oxidative exposure elevates intracellular ROS through impairing ROS conversion/reduction	Growth Factors, Cell Adhesion and M	SePDI-08	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177866	444	Interferon Regulatory Factor 6 is required for proper cell-cell junctions	Growth Factors, Cell Adhesion and M	SePDI-02	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3111279	445	Microbial dysbiosis in the skin and the gastrointestinal tract of acne patients	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3141123	446	T-cell receptor diversity before and after systemic treatment in psoriasis patients	Innate Immunity, Microbiology, Micr	SePDIII-06	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3145725	447	The commonly used proximal Lck-Cre mouse line is not suitable for conditional deletion in γδ T cells	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3149030	448	Understanding commensal-host communication through genetic engineering of Staphylococcus epidermidis	Innate Immunity, Microbiology, Micr	PLI-05	PLENARY I, MAY 9, 8:45 - 9:45 AM
3162996	449	Measuring activation of the NLRP inflammasomes in vitro via Active Caspase-1 Release: Implications in understanding epidermal inflam	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3163734	450	The skin microbiome promotes the pathogenesis of Netherton syndrome	Innate Immunity, Microbiology, Micr	CM6-03	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3163967	451	Cicatrical alopecias are characterized by a core set of shared molecular pathways that represent new targets for therapy	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3164500	452	Cutibacterium acnes carbohydrates from multiple phylotypes induce IL-17: A potential ligand implicated in acne disease pathogenesis.	Innate Immunity, Microbiology, Micr	CM13-09	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3166039	453	Skin microbiota in children with atopic dermatitis and their dynamic changes during clinical treatment	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3167041	454	iRhom2-mediated immune dysregulation: Impact on the skin and oesophagus	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3168230	455	Comparison of the skin microbiota in acne and rosacea	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3168907	456	Bacterial wound isolates and antibiotic susceptibility in Epidermolysis Bullosa	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3168942	457	Epidermal IκBζ is indispensable for induction of psoriasisform dermatitis and protection from bacterial infection	Innate Immunity, Microbiology, Micr	SePDIII-02	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3169050	458	The antidiabetic agent metformin prevents the development of psoriasis via inhibition of caspase-1 inflammasome	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3169969	459	HOIPIN-1, a novel LUBAC inhibitor, suppresses the imiquimod-induced psoriasis-like skin inflammation in mice	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3170005	460	DDX5 regulates REG3A mRNA splicing to control wound healing in skin	Innate Immunity, Microbiology, Micr	SePDIII-09	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3170059	461	Depletion of the microbiome using broad-spectrum antibiotic cocktail improves the psoriasisform phenotype via attenuation of TNFα and	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3170373	462	Differential requirement for CCR6 in IL-23 DNA minicircle-mediated skin and joint inflammation	Innate Immunity, Microbiology, Micr	CM13-12	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3170472	463	Measurements of LL-37 and hBD2 mRNA via non-invasive tape stripping technique in Psoriatic stratum corneum	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3171795	464	A prospective trial for the clinical efficacy of topical washing with miconazole nitrate-containing soap to diaper candidiasis	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3172340	465	Autophagy regulates lipid production and contributes to the sebosuppressive effect of retinoic acid in human S295 sebocytes	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3172347	466	Stimulation of autophagy attenuated Propionibacterium acnes-induced inflammatory responses in cultured skin cells	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3172382	467	Soluble Interleukin-36 receptor antagonizes IL-36/IL-36R signaling to control skin inflammation in psoriasis	Innate Immunity, Microbiology, Micr	CM13-06	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3172626	468	Neutrophil extracellular traps exacerbate psoriasis via activating inflammasomes of keratinocytes	Innate Immunity, Microbiology, Micr	SePDIII-04	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3173216	469	Comparative analysis of cutaneous human polyomaviruses reveals non-canonical NF-κB pathway as a key mediator of PD-L1 and Merkel	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3173553	470	New 3D bioengineered skin models including PBMC-derived Langerhans cells and M1/M2 macrophages to study in vitro the resolution of	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3173854	471	Interleukin 1 alpha activates the skin injury-induced inflammatory response.	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3173925	472	Differential inflammatory responses induced by Cutibacterium acnes are not dependent on strain-types but are associated with the pres	Innate Immunity, Microbiology, Micr	PLI-04	PLENARY I, MAY 9, 8:45 - 9:45 AM
3173966	473	Competition between AMP kingdoms in atopic dermatitis leads to depletion of the defense function of the skin microbiome against S. au	Innate Immunity, Microbiology, Micr	CM13-03	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3174805	474	Binding of ubiquitin by A20 restricts psoriatic skin and joint disease	Innate Immunity, Microbiology, Micr	CM13-11	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3174917	475	Overexpression of nuclear lamin B protected mice from UVB induced-skin inflammation through attenuation of neutrophil NETosis	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3175036	476	S. aureus virulence factors enhance vaccinia virus infection in human keratinocytes	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3175307	477	Identification of host cell factors involved HIV-1 trans-infection in dendritic cells	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3175494	478	Cutaneous antiviral protein expression is regulated by the circadian clock	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3175529	479	Janus kinase inhibition significantly reduces vaccinia virus infectivity of th2 stimulated keratinocytes	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3175718	480	The characteristics of patients with persistent HHV-6 infection after drug-induced hypersensitivity syndrome/drug reaction with eosinop	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3175733	481	Regulation of IL-6 release from mast cells by ATP and TNFα	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3175829	482	GRL-142, a novel HIV-1 protease inhibitor, potently blocks HIV-1 ex vivo infection of Langerhans cells within epithelium	Innate Immunity, Microbiology, Micr	SePDIII-07	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3175914	483	Melanoma cell survival is suppressed by splenocytes stimulated by Cutibacterium acnes	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY
3176052	484	Diversity and adaptation of S. aureus on lesions of children with atopic dermatitis	Innate Immunity, Microbiology, Micr	SePDIII-10	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176058	485	Mast cells in neonatal skin are functionally immature and hardly sensitized with IgE	Innate Immunity, Microbiology, Micr	SePDIII-05	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176065	486	Histone Deacetylase 3 regulates the ontogeny and maintenance of tissue-resident macrophages	Innate Immunity, Microbiology, Micr	SePDIII-08	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176111	487	Dynamics of IL-1R signaling in innate and adaptive immunity against a Staphylococcus aureus skin infection in mice	Innate Immunity, Microbiology, Micr	CM13-05	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3176118	488	Identification of differentially-expressed circular RNAs and circular RNA-targeted pathways in host cells affected by Chlamydia infection	Innate Immunity, Microbiology, Micr	POSTER SESSION ONLY	POSTER SESSION ONLY

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3176121	489	Apple cider vinegar: a promising adjunctive anti-staphylococcal treatment in atopic dermatitis	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176139	490	MicroRNA expression profiling of peripheral blood mononuclear cells associated with syphilis	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176152	491	Cutaneous inflammation in the DIAMOND™ mouse model of non-alcoholic fatty liver disease	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176155	492	Identification of skin-resident Treg cells in allergen-specific immunotherapy mouse model	Innate Immunity, Microbiology, Microbiology	CM6-05	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3176210	493	A sample to answer molecular diagnostic system for fungal infection	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176227	494	The loss of epidermal heme oxygenase 1 exaggerates irritant but not allergic contact dermatitis induced by 2,4-dinitrofluorobenzen	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176297	495	OR2AT4 activation by a synthetic odorant, stimulates dermcidin production in human hair follicle epithelium and increases follicular resist	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176365	496	IL-36 responses mediate Staphylococcus aureus-induced skin inflammation via neutrophil infiltration in mice	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176398	497	Staphylococcus aureus components increase Th2 response in cutaneous lymphoma	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176422	498	Innate immunity activation of sebocyte cells by living bacteria. Evidence of a potential immunosuppressive effect of DHT	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176432	499	Senescent fibroblasts accumulate lysophospholipids with immunomodulatory properties	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176538	500	Skin microbiota perturbations are clinical severity-dependent in hidradenitis suppurativa	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176579	501	Variability in skin microbiota between smokers, former smokers, and non-smokers	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176589	502	Epidermal alpha7 nicotinic acetylcholine receptor plays a crucial role in impaired TLR2-dependent innate immunity and bacterial suscept	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176680	503	IL-36β renders keratinocytes resistant to herpes simplex virus-1 through interferon response factor-1 (IRF1) dependent and independent	Innate Immunity, Microbiology, Microbiology	CM13-07	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3176799	504	CERKL expression enhances survival in cutaneous squamous cell carcinoma	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176839	505	Therapeutic activity of an anti-IL36R blocking antibody in inhibiting atopic dermatitis-like skin inflammation in mice	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176844	506	Langerhans cells drive TNF induced chronic proliferative dermatitis in SHARPIN deficient mice	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176861	507	Diet-induced obesity impairs the antimicrobial function of dermal fat	Innate Immunity, Microbiology, Microbiology	CM13-04	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3176981	508	Phenotypic characterization of epidermal Langerhans cells precursor during embryonic development in human	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177050	509	Decline in Langerhans cell precursor recruitment into the human skin explains the reduction in epidermal Langerhans cells with age	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177136	510	Distinguishing type II from type I cutibacterium acnes: an efficient method for studying c. acnes interaction	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177158	511	Gut microbiome of the inflammatory skin model mouse	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177163	512	Impairment of skin microbiota by overcleansing	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177174	513	NLRP3-dependent innate cytokine IL-1β in keratinocytes promotes immune response of CD4 and CD8 T cells in vitiligo patients	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177223	514	A tryptophan metabolite of the skin microbiota attenuates inflammation in atopic dermatitis via the aryl hydrocarbon receptor	Innate Immunity, Microbiology, Microbiology	CM13-02	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3177225	515	Identification of CC188, a unique and predominant strain of Staphylococcus aureus in Japanese atopic dermatitis patients	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177268	516	Possible role of ILC1 in the pathogenesis of alopecia areata (AA)	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177285	517	Human cathelicidin LL37 binds to scavenger receptors in inflammatory human skin diseases	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177369	518	Development and characterization of a 3D in vitro model mimicking acneic skin	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177466	519	The role of the leaky gut in the development of alopecia areata	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177489	520	Body site heterogeneity and microbial diversity is lost in individuals with hidradenitis suppurativa	Innate Immunity, Microbiology, Microbiology	CM13-08	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3177534	521	Ampicillin drives gut dysbiosis and progressive depigmentation in a mouse model of vitiligo.	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177567	522	Gut microbiota is required for the development of alopecia areata	Innate Immunity, Microbiology, Microbiology	SePDIII-01	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177714	523	T-cell cytokines (IL-17 and IFN-γ) exacerbates innate immune responses in an organotypic human psoriasis tissue model	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177722	524	Evaluation of different skin collection methods for assessment of the skin microbiome	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177755	525	Novel peptide from commensal Staphylococcus simulans blocks MRSA quorum sensing and protects host skin from damage	Innate Immunity, Microbiology, Microbiology	CM13-01	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3177760	526	Gut dysbiosis in alopecia areata patients reveals overabundance of firmicutes and under representation of bacteroides	Innate Immunity, Microbiology, Microbiology	CM13-10	CONCURRENT 13, MAY 11, 10:00 AM - 12:30 PM
3177784	527	Uncovering molecular mechanisms involved in the IL-37-mediated tolerogenic dendritic cells	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178034	528	Curcumin-mediated modulation of bacterial communities in inflammatory skin dysbiosis	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178054	529	Mechanistic investigations of Cutibacterium acnes community remodeling in acne remission	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178058	530	Differential effects of short and long chain fatty acid metabolites on growth and biofilm for commensal and pathogen species of skin-ass	Innate Immunity, Microbiology, Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3178065	531	Resident skin bacteria produce "human" immunomodulatory lipids	Innate Immunity, Microbiology, Microbiology	SePDIII-03	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3089865	532	Switching from calcineurin inhibitors to belatacept decreases keratinocyte carcinomas incidence rate in kidney transplant recipients	Interventional Studies, Clinical and P	SePDI-08	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3125550	533	Pembrolizumab with or without vismodegib for advanced basal cell carcinoma: An investigator-initiated, proof-of-concept study	Interventional Studies, Clinical and P	CM4-08	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3139524	534	Effects on CD3, Treg and TH17 cell numbers in skin biopsies after 16-week mirikizumab treatment, evaluated by an epigenetic assay	Interventional Studies, Clinical and P	CM4-02	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3141699	535	New regional dermatoses during dupilumab therapy for atopic dermatitis	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3159387	536	Systematic review and meta-analysis evaluating the effectiveness of different concentrations of intralesional triamcinolone for alopecia a	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3159833	537	Psychosocial burden of skin cancer is associated with age and sex	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3163144	538	The vascular inflammation in psoriasis (VIP) trial: A secondary analysis of patient reported outcomes for patients treated with adalimuma	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3164004	539	Knowledge, attitudes, and practices of clinicians on dermatology referrals in transgender medicine	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3165473	540	Rapid response in PASI, sPGA, and BSA measures for patients with moderate-to-severe plaque psoriasis with ixekizumab	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3165474	541	Evaluation of optimal psoriasis assessment tool (OPAT) incorporating both clinical and patient-reported outcomes for treatment of mod	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3165792	542	The impact of online care on mental health and functional measures in psoriasis patients	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3166555	543	Novel surgical approach for management of cutaneous neurofibroma in patients with neurofibromatosis type 1	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3167795	544	Alopecia areata lesions show significant changes in immune and keratin biomarkers that correlate with clinical improvement with oral Ja	Interventional Studies, Clinical and P	CM4-01	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3168412	545	Utility of PROMIS Itch in dermatology	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3169187	546	Pain is a distinct and burdensome symptom of atopic dermatitis in US adults.	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3169321	547	Effectiveness of etanercept in the treatment of toxic epidermal necrolysis	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3169473	548	Serine protease activities in the stratum corneum of patients with atopic dermatitis are associated with the pathogenesis and the severit	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3169503	549	Application of an adhesion tape to evaluate melanin repigmentation before and after narrow-band ultraviolet B treatment in vitiligo	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3169678	550	Efficacy and toxicity of hypofractionated adjuvant radiotherapy in Merkel cell carcinoma	Interventional Studies, Clinical and P	SePDI-06	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3170462	551	"Nail-like appearance"- characteristic feature of hair fracture caused by hair dye under dermoscopy	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3172011	552	Impact of inpatient teledermatology consults on length-of-stay of hospitalized patients	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3172476	553	A computer-aided diagnosis system for bullous disease based on deep learning	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3172634	554	Sirolimus gel effectively reduced neurofibromas in neurofibromatosis type 1 in a double-blind, placebo-controlled, randomized clinical trial	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3173074	555	Association of aromatic antiepileptic drugs induced severe cutaneous adverse reactions and HLA allele or a new susceptibility gene, CGR	Interventional Studies, Clinical and P	SePDI-10	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3173139	556	Evaluating important change and clearance of disease activity as clinical efficacy measures for clinical trials in dermatomyositis	Interventional Studies, Clinical and P	CM4-06	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3173664	557	Patient-reported disease trajectory for adults with atopic dermatitis- A pilot study	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3173791	558	Adherence to over-the-counter antimicrobial washes in hidradenitis suppurativa patients	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175129	559	Higher skin disease scores distinguish patients who progress from cutaneous lupus erythematosus to systemic lupus erythematosus	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175153	560	KPL-716, anti-Oncostatin M receptor beta antibody, reduced pruritus in atopic dermatitis	Interventional Studies, Clinical and P	CM4-03	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3175171	561	Robust measurement of clinical improvement in patients with cutaneous lupus erythematosus	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175317	562	Mini-punch grafting for the treatment of refractory and stable vitiligo	Interventional Studies, Clinical and P	CM4-05	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3175324	563	Prevention of atopic dermatitis using emollients for 6 months - Follow-up for 24 months	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175360	564	Temporal outcomes and factors predictive of remission and relapse after rituximab therapy of pemphigus vulgaris (PV)	Interventional Studies, Clinical and P	CM4-07	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3175388	565	Improvement in skin inflammation and barrier function biomarkers with crisaborole treatment in atopic dermatitis (AD)	Interventional Studies, Clinical and P	SePDI-01	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3175389	566	Short-term, incidental sun-exposure causes epigenetic drift which is significantly reduced through daily SPF use and can be replicated in vitro	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175438	567	Stability of PASI 90 response in psoriasis patients treated with ixekizumab or ustekinumab	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175447	568	The impact of prior authorizations for patients with complex dermatological conditions	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175527	569	Development of an advanced retinol oil composition with superior bioactivity and anti-aging clinical efficacy	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175584	570	Safety and efficacy of bertilimumab, a human anti-eotaxin-1 monoclonal antibody, in bullous pemphigoid in a phase 2a study	Interventional Studies, Clinical and P	CM4-10	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3175630	571	Comparing the performance of two interferon-gamma release assays in autoimmune skin disease patients: A prospective study	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175706	572	Development and validation of a vulvar scarring severity scale for assessment of lichen sclerosus	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175713	573	Effectiveness of methods for sunscreen application counseling	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175786	574	Comparative analysis of quality of life impact in patients with autoimmune blistering disease	Interventional Studies, Clinical and P	SePDI-09	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3175913	575	Topical minoxidil adherence in alopecia patients	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175924	576	Merkel cell carcinoma with fungi infection: A case report	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3175994	577	Successful allogeneic epidermal grafting of chronic recessive dystrophic epidermolysis bullosa wounds from hematopoietic cell donors in a murine model	Interventional Studies, Clinical and P	PLIII-03	PLENARY III, MAY 11, 8:30 - 9:30 AM
3176030	578	Addressing the missing components for appropriate surveillance of Merkel cell carcinoma patients: Detailed recurrence data and an integrated approach	Interventional Studies, Clinical and P	SePDI-03	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176094	579	Comparison of different sun-safety education interventions in changing sun exposure and protection practices in a general dermatology clinic	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176115	580	Health-related quality of life measures and immune checkpoint inhibitors: A systematic review	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176130	581	Medical marijuana use in dermatology: Clinical experiences, new research, and potential ethical dilemmas	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176166	582	Electronic patient-reported outcome implementation in dermatology	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176169	583	CPSI - An automatic solution to evaluate psoriasis severity	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176184	584	Scoring of the clinical images for malignant degree of skin cancer using deep learning	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176198	585	Application of artificial intelligence diagnosis in seborrheic keratosis and basal cell carcinoma in Chinese race	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176366	586	Topical nitric oxide releasing therapy with 2% SB414 cream downregulated major gene expressions in patients with atopic dermatitis	Interventional Studies, Clinical and P	CM4-04	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3176386	587	Evaluating meaningful change in disease activity as a clinical efficacy measure for clinical trials in cutaneous lupus erythematosus	Interventional Studies, Clinical and P	CM4-11	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3176581	588	Measuring implementation of store-and-forward teledermatology in Department of Veterans Affairs	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176596	589	Early baseline imaging is indicated in Merkel cell carcinoma, even for patients without clinically evident nodal involvement	Interventional Studies, Clinical and P	PLI-01	PLENARY I, MAY 9, 8:45 - 9:45 AM
3176607	590	Detecting Merkel cell carcinoma recurrence using a blood test: Outcomes from 774 patients	Interventional Studies, Clinical and P	CM4-09	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM
3176624	591	Stigma of psoriasis: Patient perspectives	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176626	592	Impact of scalp psoriasis on quality of life measurements at baseline and following treatment with ixekizumab	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176690	593	Measuring quality in psoriasis: Early experience with the MIPS 410 quality measure – psoriasis: Clinical response to oral systemic or biologic therapy	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176787	594	Gentamicin therapy induces functional laminin 332 and improves wound healing in junctional epidermolysis bullosa patients harboring non-infectious ulcers	Interventional Studies, Clinical and P	SePDI-07	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176819	595	Opinions and practices of primary care physicians managing psoriasis	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176931	596	Global sex differences in initial treatment for genital extramammary Paget's disease: a systematic review	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176937	597	Using social media sites for dermatology residency recruitment: Are we there yet?	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176964	598	Using social media mining as a tool to capture & analyze millions of psoriasis patients' description of disease manifestation, outcomes to treatment, and quality of life	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3176996	599	Impact of atopic dermatitis on overall health-related quality of life and health utility scores in US adult patients	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177019	600	Assessing psoriasis severity: Clinimetric validation of overall physician global assessment	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177090	601	Patient-reported outcomes in atopic dermatitis and psoriasis	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177099	602	Improving knowledge and compliance of photoprotection in lupus patients	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177226	603	AD-DER emollient cream improves hydration and modulates vascularization in atopic dermatitis in vivo	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177287	604	Clinical efficacy and safety of using minocycline in the treatment of unstable vitiligo	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177305	605	Efficacy and safety of dupilumab in adolescent patients with moderate-to-severe atopic dermatitis	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177307	606	The role of diet in patients with autoimmune blistering disease: A survey of the International Pemphigus and Pemphigoid Foundation	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177321	607	Validation of a pediatric ItchyQoL	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177342	608	A clinical study to test the efficacy of VB1953 in clindamycin non-responder acne patients with antibiotic-resistant P. acnes	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177348	609	Topical Sandalore®, a specific OR2AT4-stimulating odorant, ameliorates female telogen effluvium: Randomized, double-blinded, placebo-controlled trial	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177351	610	Safety and efficacy of lenabasum in refractory skin-predominant dermatomyositis subjects treated on an open-label extension of trial JB	Interventional Studies, Clinical and P	CM4-12	CONCURRENT 4, MAY 9, 1:30 - 4:00 PM

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3177384	611	Pityriasis rubra pilaris (PRP) treated with ixekizumab: Interim analysis of an open-label trial	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177394	612	Development, validation and interpretation of the PROMIS Itch Questionnaire: a patient-reported outcome measure for the burden of it	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177416	613	Retrospective analysis of Riehl's melanosis treated by triple combination therapy with intense pulse light, hydroquinone cream and oral	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177417	614	Investigation of the efficacy and safety of topical vibration anesthesia to reduce pain from cosmetic botulinum toxin A injections in China	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177419	615	Dupilumab elicits rapid and sustained improvements in itch in adults with moderate-to-severe atopic dermatitis	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177430	616	Updates in therapeutics for pediatric alopecia areata: A systematic review with evidence-based analysis	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177444	617	Presentation of psoriasisform dermatitis in patients treated with dupilumab	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177485	618	Cutaneous lupus patients of female gender and high disease activity frequently experience adverse quality of life affecting multiple dom	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177521	619	Team documentation influences clinic complexity and patient satisfaction	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177573	620	Initial validation of the IGA x BSA in atopic dermatitis	Interventional Studies, Clinical and P	SePDI-04	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177586	621	Dupilumab in adolescents with moderate-to-severe atopic dermatitis and a history of inadequate response, or intolerance to cyclosporin	Interventional Studies, Clinical and P	SePDI-05	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177592	622	A proof of concept clinical study to test the efficacy and safety of VB1953 in moderate to severe acne subjects	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177754	623	Evaluation of Treat to Target (T2T) guidelines in a psoriasis specialty clinic	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177764	624	Use of cyclosporine in adverse cutaneous reactions to medications	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177793	625	Retrospective review and telephone follow-up of adverse events resulting from standardized isotretinoin lab monitoring	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177795	626	Assessing the incidence of skin and soft tissue infection in patients on biologics	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177815	627	An approach to self-triage of routine skin conditions using machine learning and curated medical knowledge	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177868	628	Magnetic resonance imaging for assessment of disease activity in morphea	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177874	629	Registered clinical trials in epidermolysis bullosa: An update	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177885	630	Sentinel events in dermatology: Beware of the three wrongs	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177890	631	Evaluating quality of life and health outcomes for patients diagnosed with pemphigus and pemphigoid via a patient registry	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177919	632	Cutaneous immune-related adverse events in 1,857 patients treated with anti-PD-1 therapy at an academic center	Interventional Studies, Clinical and P	SePDI-02	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177926	633	The impact of marital status on survival from melanoma skin cancer	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3177994	634	Patients with limited life expectancy are screened for non-melanoma skin cancers at similar frequencies to healthy patients	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3178047	635	A novel method for evaluating physical signs of hidradenitis suppurativa: A pilot study	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3178062	636	Treatment of central centrifugal cicatricial alopecia with oral minoxidil	Interventional Studies, Clinical and P	POSTER SESSION ONLY	POSTER SESSION ONLY
3127880	637	Oncostatin M induction of monocyte chemoattractant protein 1 (MCP-1) in human epidermal keratinocytes is inhibited by anti-oncostati	Neuro-Cutaneous Biology and Inflan	SePDII-02	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3167026	638	SPNS2 enables T cell egress from lymph nodes during an immune response	Neuro-Cutaneous Biology and Inflan	CM10-06	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3167351	639	Challenge dermatological nociceptive pathway in vitro by a phytochemical compound	Neuro-Cutaneous Biology and Inflan	POSTER SESSION ONLY	POSTER SESSION ONLY
3168890	640	The female-biased factor VGLL3 drives cutaneous and systemic autoimmunity	Neuro-Cutaneous Biology and Inflan	CM10-10	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3169550	641	Age-specific changes in normal skin barrier and immunity	Neuro-Cutaneous Biology and Inflan	POSTER SESSION ONLY	POSTER SESSION ONLY
3170353	642	Targeting a Langerhans cell-keratinocyte axis in the skin as a novel approach to modulate systemic manifestations of lupus erythematosu	Neuro-Cutaneous Biology and Inflan	CM10-11	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3172938	643	Skin cells can sense and integrate signals coming from eucalyptus extract to combat environmental insults and regenerate from within	Neuro-Cutaneous Biology and Inflan	SePDII-07	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3174904	644	Tweak/fn14 signaling pathway participates in experimental atopic dermatitis	Neuro-Cutaneous Biology and Inflan	CM10-04	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3175041	645	Mrgprs activation is required for chronic itch conditions in mice	Neuro-Cutaneous Biology and Inflan	CM10-03	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3175091	646	Activated-Grape Seed Extract (AGSE) inhibits oxidative stress and demethylation of PP2A in human skin	Neuro-Cutaneous Biology and Inflan	SePDII-05	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3175483	647	Basis for the link between atopic dermatitis and autism	Neuro-Cutaneous Biology and Inflan	POSTER SESSION ONLY	POSTER SESSION ONLY
3175495	648	Machine-based learning identifies fish oil as a putative psoriasis drug: Efficacy in KC-Tie2 psoriasis mice via RXR activation and increases	Neuro-Cutaneous Biology and Inflan	CM10-08	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3175823	649	Analysis of differential expression of kynureninase in psoriasis	Neuro-Cutaneous Biology and Inflan	POSTER SESSION ONLY	POSTER SESSION ONLY
3175967	650	IL-31 produced by Th17 cells contributes to psoriasisform dermatitis	Neuro-Cutaneous Biology and Inflan	CM10-07	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3176076	651	Ablation of disintegrin and metalloproteinase 10 (ADAM10) disrupts hair follicle immune privilege	Neuro-Cutaneous Biology and Inflan	CM10-12	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3176193	652	RIPK3 bidirectional regulation of keratinocyte fate and its mechanism of action in psoriasis	Neuro-Cutaneous Biology and Inflan	POSTER SESSION ONLY	POSTER SESSION ONLY
3176276	653	Identification of an inflammation-regulated gene TNFAIP3 in Chronic actinic dermatitis	Neuro-Cutaneous Biology and Inflan	POSTER SESSION ONLY	POSTER SESSION ONLY
3176554	654	Mechanisms of itch, allergy and neurogenic inflammation: Substance P functions through Mrgprs	Neuro-Cutaneous Biology and Inflan	CM10-01	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3176572	655	Cutaneous nociceptors trigger protective type-17 immunity through a nerve reflex arc	Neuro-Cutaneous Biology and Inflan	PLII-02	PLENARY II, MAY 10, 10:00 - 11:00 AM
3176640	656	Psoriasis and obesity: Stearoyl-CoA desaturase 1 deficient mice are resistant to imiquimod-induced psoriasisform dermatitis	Neuro-Cutaneous Biology and Inflan	SePDII-01	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177056	657	IL-17A upregulates endothelin-1 in keratinocytes in the pathogenesis of Prurigo nodularis	Neuro-Cutaneous Biology and Inflan	SePDII-06	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177102	658	Dual luciferase reporter gene assay to identify the regulation of hsa-miR-203 on KYNU gene	Neuro-Cutaneous Biology and Inflan	POSTER SESSION ONLY	POSTER SESSION ONLY
3177263	659	Oxazolone-induced atopic dermatitis murine model shifts from a Th2-dominant response in early challenge into a Th1-elevated response	Neuro-Cutaneous Biology and Inflan	POSTER SESSION ONLY	POSTER SESSION ONLY
3177281	660	Recapitulating T cell infiltration in psoriasis for patient-specific drug testing models	Neuro-Cutaneous Biology and Inflan	CM10-09	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3177330	661	Development of a novel humanized mouse model for atopic dermatitis	Neuro-Cutaneous Biology and Inflan	SePDII-04	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177360	662	Extracellular ATP released from Candida albicans activates non-peptidergic nerves to augment skin immunity	Neuro-Cutaneous Biology and Inflan	SePDII-03	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3177398	663	Activation of Trpv1+ nociceptive fibers stimulates an innate antiviral immune response following skin injury	Neuro-Cutaneous Biology and Inflan	PLII-03	PLENARY II, MAY 10, 10:00 - 11:00 AM
3177817	664	The neurokinin A/NK2R axis controls IL-10 levels to inhibit activation of cutaneous MCs in vitro and in vivo	Neuro-Cutaneous Biology and Inflan	CM10-05	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3177888	665	Pruritogen activation of human MRGPRX2	Neuro-Cutaneous Biology and Inflan	CM10-02	CONCURRENT 10, MAY 10, 2:45 - 5:15 PM
3177970	666	Role for epidermal keratinocytes in small fiber degeneration in diabetic peripheral neuropathy	Neuro-Cutaneous Biology and Inflan	SePDII-08	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3178032	667	Targeting the JAK/STAT pathway for CTCL therapy	Pharmacology and Drug Developmen	SePDII-02	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3167411	668	An integrated model of alopecia areata biomarkers highlights TH1 and TH2 pathways	Pharmacology and Drug Developmen	POSTER SESSION ONLY	POSTER SESSION ONLY
3174580	669	Paeoniflorin suppresses keratin 17 expression via NF-kB pathway and exerts anti-psoriatic effect	Pharmacology and Drug Developmen	POSTER SESSION ONLY	POSTER SESSION ONLY
3175606	670	Topical treatment for abnormal scars using spherical nucleic acids	Pharmacology and Drug Developmen	POSTER SESSION ONLY	POSTER SESSION ONLY
3177142	671	Discovery of LEO 39652 a novel PDE4 inhibitor for topical treatment of atopic dermatitis	Pharmacology and Drug Developmen	POSTER SESSION ONLY	POSTER SESSION ONLY

**2019 Society for Investigative Dermatology Abstract Status Outcomes**

CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3176503	672	Pramlintide produces immunomodulatory effects on myeloid-derived suppressor cells and T-cells in squamous cell carcinoma in-vivo	Pharmacology and Drug Development	SePDII-09	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3174841	673	Real-world persistence with dupilumab among adults with atopic dermatitis (AD)	Pharmacology and Drug Development	CM11-05	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3178041	674	Hair loss and psychoactive medications: Stimulants and antidepressants: A retrospective analysis from the RADAR (Research on Adverse Drug Events)	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3175867	675	Pilot study of topical sirolimus use for painful keratoderma in EBS patients	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3176379	676	Exploring novel therapeutic targets in the treatment of cutaneous T-cell lymphoma	Pharmacology and Drug Development	SePDII-08	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3165372	677	Discovery and characterization of a small molecule IL-36γ antagonist as a novel approach to treat plaque psoriasis	Pharmacology and Drug Development	CM11-04	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3176764	678	Herbal remedies and supplements: a survey of alternative and integrative medicine and expenditure in the dermatology clinic	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177404	679	Pharmacological validation of a mouse model of atopic dermatitis induced by topical calcipotriol	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177918	680	Two cases of Lichen planus-like eruption caused by glivec	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3178020	681	Development of a topical Hedgehog inhibitor for prevention of new surgically eligible basal cell carcinomas in patients with Gorlin Syndrome	Pharmacology and Drug Development	CM11-02	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3177253	682	Characterization of a novel selective non-steroidal glucocorticoid receptor agonist with low systemic exposure and reduced potential for HPA axis suppression	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3134003	683	Exploratory study to examine the gene expression effects of topical retinol on aging-related pathways in individuals of East Asian descent	Pharmacology and Drug Development	CM11-08	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3161134	684	PRINT® (Particle Replication in Non-wetting Templates) particle design improves skin penetration in a topical formulation	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177134	685	A study on the mechanisms and the efficacy of the anti-wrinkle ingredient NEI-L1	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3168144	686	Efficacy of Silybum marianum fruit extract in inhibiting sebogenesis	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3175057	687	BET inhibitor suppressed tumor growth and associated TME inflammation in mouse models of cutaneous T cell lymphoma	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3176339	688	Identification of biomarkers of early innate events during skin reaction following intradermal injection	Pharmacology and Drug Development	CM11-03	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3168411	689	Effect of volatile molecules on skin cells: Potential involvement of olfactory receptors	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3169920	690	A novel water-in-oil emulsion with a natural surfactant modified clay prevents skin damage from urban dust and cedar pollen	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177600	691	In vitro evaluation of naltrexone HCl 1% topical cream in xematop for psoriasis	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3172737	692	Real-world effectiveness of dupilumab based on Investigator Global Assessment (IGA) and peak Pruritus Numerical Rating Scale (PNRS) scores	Pharmacology and Drug Development	CM11-07	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3175170	693	BET inhibitor OTX015 reduces imiquimod-induced mouse psoriasiform dermatitis	Pharmacology and Drug Development	SePDII-03	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3164425	694	Equol's efficacy is greater than astaxanthin for antioxidants, extracellular matrix integrity & breakdown, growth factors and inflammatory markers	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177865	695	Selectively targeting JAK1 or JAK3 pathway is sufficient to reverse alopecia areata	Pharmacology and Drug Development	SePDII-05	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3168142	696	A straightforward preclinical efficacy assessment approach to identify promising drug candidates for development of novel topical anti-inflammatories	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177230	697	Investigation of the immunomodulatory effects of erythromycin and clindamycin in primary human immune cells	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3176561	698	Novel immunomodulatory therapies for systemic sclerosis (SSc) using biodegradable nanoparticles	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3175285	699	The histone deacetylase inhibitor vorinostat protects melanocytes from H2O2-induced oxidative stress and inflammatory response via Nrf2	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3176566	700	Targeting SIRT/CD38/NAD+ homeostasis to mitigate fibrosis in scleroderma	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177591	701	High dimensional peripheral blood immune cell profiling of atopic dermatitis patients unveiled IL21 cytokine activation	Pharmacology and Drug Development	SePDII-01	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3175801	702	Plasma exosomal miR-375-3p regulates mitochondria-dependent keratinocyte apoptosis by targeting XIAP in SJS/TEN	Pharmacology and Drug Development	SePDII-06	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3167738	703	Evaluation the anti-ageing and repair activity of plant stem cell extract in a topical formulation	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3175290	704	Camouflage improves the quality of life and the response to treatment in patients with vitiligo	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3176574	705	Cyclin-dependent kinase 9 (CDK9) as a therapeutic target in uveal and triple-wild type melanoma	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177726	706	Predictive modeling of patient response to JAK/STAT inhibitors and dynamic patient-matching	Pharmacology and Drug Development	SePDII-04	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3176575	707	Responsiveness of the Adenosine A2A receptor (A2AR) regulates immune and keratinocyte responses in psoriasis	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177440	708	Promotion of hair growth in alopecia areata by topical treatment of HDAC inhibitors	Pharmacology and Drug Development	SePDII-07	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3145717	709	Development of a high-throughput, cell-based phenotypic assay to identify novel anti-fibrotic medicines to prevent scar formation after wound healing	Pharmacology and Drug Development	CM11-09	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3175275	710	Tussilagonone ameliorates psoriatic features in an imiquimod-induced psoriasis-like dermatitis in mice	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3175403	711	Propranolol exhibits activity against hemangiomas independent of beta blockade	Pharmacology and Drug Development	CM11-11	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3161071	712	Comparing RNAseq analysis of the mouse IL-23 minicircle model to human psoriasis and other preclinical models of skin inflammation	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3127373	713	The association between disease severity at time of retreatment and probability of recapture in psoriasis patients receiving ixekizumab	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3172693	714	Productivity losses in adults with atopic dermatitis (AD): A cross-sectional study from clinical practices in Europe and Canada	Pharmacology and Drug Development	CM11-06	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3177429	715	Quantitative description of the physiological changes in diseased skin and their incorporation into physiologically based pharmacokinetic models	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3173208	716	TSLP induced atopic dermatitis-like skin inflammation in mice	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177944	717	Peripheral blockade of T-type calcium channels by DX416 inhibits acute itch and modulates immune response	Pharmacology and Drug Development	CM11-12	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3177177	718	Hydroxychloroquine and cardiovascular events in patients with morphea: A report from the RADAR (Research on Adverse Drug Events)	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3172571	719	The effect and irritation of adapalene on Cutibacterium acnes via HTS	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177563	720	Early-stage drug discovery reveals new targets for the treatment of Merkel cell carcinoma	Pharmacology and Drug Development	CM11-01	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3175361	721	Electrophilic nitro-fatty acids suppress psoriasiform dermatitis through the inhibition of NF-κB and STAT3	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3175364	722	Type 2 helper T-cell (Th2) effects of crisaborole versus 3 topical corticosteroids (TCSs) with a range of potencies: An ex vivo human skin model	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3162053	723	Sirolimus delivery to dermis and blood via oral and topical sirolimus formulations in hairless mice	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3168459	724	Adiponectin mimetic reverses the obesity-related increase in psoriasis severity in a mouse model: A novel therapeutic approach	Pharmacology and Drug Development	CM11-10	CONCURRENT 11, MAY 10, 2:45 - 5:15 PM
3167565	725	Targeting chemokine receptors CCR6 and CXCR2 in a murine model of IL-36α-induced pustular psoriasis.	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177549	726	Induction of an atopic dermatitis-like phenotype in a full-thickness in vitro human skin model	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3177551	727	Use of PI3K/mTOR/Akt inhibitors as skin protectors to spare skin from glucocorticoid-induced atrophy	Pharmacology and Drug Development	SePDII-10	SELECTED ePOSTER DISCUSSION II, MAY 10, 10:45 - 11:45 AM
3160729	728	LL-37 promotes endothelial photo-sensitivity and adhesion molecule expression in Rosacea	Photobiology	CM5-09	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3166259	729	Evaluation of negative effect of blue light on human skin and potential impacts on the dermi	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3167262	730	Long-term effect of 222-nm ultraviolet lamp on mice highly susceptible to developing ultraviolet-induced skin tumors	Photobiology	SePDI-08	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3168651	731	Circular RNA expression profile in human fibroblast premature senescence after repeated UVB irradiations revealed by microarray	Photobiology	CM5-02	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3168845	732	CD11b+ cells are a major source of IL31 in polymorphic light eruption	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY

**2019 Society for Investigative Dermatology Abstract Status Outcomes**

CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3168855	733	Potent immunogenic cell death (ICD) caused by UVA-Activated 8-Methoxypsoralen (8-MOPA)	Photobiology	SePDI-06	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3168940	734	Exosome-mediated miR-4655-3p contributes to UV-radiation induced bystander effects by targeting E2F2	Photobiology	SePDI-02	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3169042	735	Wavelength characteristics on application of deep ultraviolet light-emitting diodes to phototherapy	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3169133	736	UVA-induced photoaging inhibits autophagic degradation by impairing lysosomal function and cathepsins expression in dermal fibroblasts	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3169512	737	Opsin as a photoreceptor after UVA irradiation to regulate MITF signal pathway and influence melanogenesis in the cultured human melanocytes	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3169535	738	Opsin3- A link to UVA-induced skin photoaging	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3170426	739	Nrf2 overexpressing skin-derived precursors against UV-induced damage in a three-dimensional model	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3171059	740	Time course measurements of ultraviolet-induced skin biophysical properties	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3172029	741	UV-induced CD39 expression on immunosuppressive memory T cells in human cutaneous squamous cell carcinoma	Photobiology	CM5-10	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3174593	742	Potential cross-talk between adiponectin and autophagy signaling in dermal fibroblasts	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3174972	743	Serotonin level alterations after treatment with extracorporeal photopheresis	Photobiology	SePDI-09	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3175323	744	Exosome-mediated miR-4655-3p contributes to UV-radiation induced bystander effects by targeting E2F2	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175354	745	Low-level red and infrared lights provide anti-aging skin benefits	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175475	746	Detection of the small, excised, damage-containing DNA oligonucleotide (sedDNA) products of nucleotide excision repair in the epidermis	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175652	747	The coexistence of riboflavin and tryptophan is responsible for the production of H2O2 in the UVA-induced cytotoxicity of dermal fibroblasts	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3175785	748	Duplex sequencing reveals the effects of caffeine on reducing UV-induced mutations of cancer-relevant genes	Photobiology	CM5-06	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3176164	749	Comparison of cell death and immune response in painless (metronomic) versus conventional photodynamic therapy for treatment of actinic keratosis	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176273	750	Ultraviolet irradiation modulates appetite and energy homeostasis in mice by hormonal regulation	Photobiology	CM5-07	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3176286	751	A comparative analysis of skin aging-associated secreted proteins (SAASP) produced by dermal fibroblasts from intrinsically versus extrinsically aged skin	Photobiology	CM5-03	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3176290	752	Clinical effects of LED blue light on skin pigmentation and carotenoid depletion	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176295	753	The UVB-induced tryptophan photoproduct 6-formylindolo[3,2-]carbazole (FICZ) activates aryl hydrocarbon receptor (AHR) signaling in keratinocytes	Photobiology	CM5-11	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3176296	754	Near-infrared light 790-1000 nm causes photoaging in vivo and in vitro	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176361	755	Effects of repeated visible light irradiation across skin types	Photobiology	SePDI-07	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3176548	756	ATR kinase activity promotes the viability and proliferative capacity of quiescent human keratinocytes exposed to UVB radiation	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176628	757	Synergistic effects of UVB and Platelet-activating factor on microvesicle particle production	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176661	758	Evidence that UVB-generated microvesicle particles are involved in acute skin inflammation	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3176677	759	Protection of geriatric skin from abnormal procarcinogenic UVB responses by dermal wounding strategies which upregulate IGF-1 levels	Photobiology	CM5-12	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3176978	760	Melanin may mediate visible light induced phototoxicity in darker skin types	Photobiology	SePDI-05	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177047	761	The impact of 308-nm excimer laser on human keratinocytes of organ cultured human skin	Photobiology	SePDI-10	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177189	762	A new medical device protects skin against chronic UV-induced precancerous cutaneous lesions in an ex vivo explant model	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177197	763	Fernblock® promotes defence systems against oxidative stress by induction of NRF2 pathway	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177203	764	Assessment of skin care protection with rhealba® oat plantlet extract in a full-thickness skin model that mimics the fragile skin of the elderly	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177412	765	UVB radiation induces abnormal epidermal proliferation, impaired differentiation, and tumorigenesis through the autophagy and p62 pathway	Photobiology	SePDI-03	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177425	766	NRF2-mediated inhibition of UVB-induced hyperpigmentation by topical sulfuraphane is dependent on upregulation of IL6Rα expression	Photobiology	CM5-01	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3177728	767	Regulation of XPC by 7-dehydrocholesterol in keratinocytes and fibroblasts	Photobiology	SePDI-04	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177743	768	Type I interferons modulate ultraviolet radiation induced suppression of immune responses via Stimulator of Interferon Genes (STING)	Photobiology	CM5-04	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3177759	769	Interleukin-10 enhances DNA damage in human melanocytes	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3177801	770	CYP11A1-derived vitamin D3 hydroxyderivatives protect against UVB-induced skin inflammation through the modulation of NF-κB signaling	Photobiology	SePDI-01	SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM
3177850	771	Increased PD-L1 expression in human skin acutely and chronically exposed to UV irradiation	Photobiology	CM5-05	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3177920	772	Age-associated alterations in pro-inflammatory cytokine signaling as well as UV-induced DNA damage contribute to increased basal cell carcinoma risk	Photobiology	CM5-08	CONCURRENT 5, MAY 9, 1:30 - 4:00 PM
3091425	773	Skin self-examination for the early detection of melanoma during the mammography experience	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3132420	774	Analysis of the tumor reactivity of tumor-infiltrating lymphocytes in a metastatic melanoma lesion that lost MHC class I expression after UV irradiation	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3146199	775	Development of a model to study the influence of ultraviolet radiation (UVs) on cell migration of primary melanoma	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3156331	776	Steroid receptor RNA activator(SRA), a long noncoding RNA, activates p38, facilitates epithelial mesenchymal transformation, and experimental melanoma	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3165239	777	Enhanced recovery of PD-1 expression on the cell surface of PD-1 negative T cells in nivolumab-treated advanced melanoma patients	Pigmentation and Melanoma	SePDIII-09	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3165639	778	Risk of second primary cutaneous melanoma by anatomic region among melanoma survivors: A nationwide U.S. population study	Pigmentation and Melanoma	SePDIII-04	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3168343	779	Phytoene and Phytofluene – A novel multifunctional mechanism for observed skin lightening properties	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3168779	780	Novel mechanism of UVB-mediated pigmentation through the axis of ATP-P2X7	Pigmentation and Melanoma	SePDIII-10	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3169416	781	The association between senile lentigo and intracutaneous nerve structure	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3169469	782	Melanocytes retained in the skin lesion of vitiligo with resistant to narrow-band ultraviolet B phototherapy and lazy to grow in the culture	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3169951	783	Evaluating the impact of high-dose steroids on checkpoint inhibitor efficacy in a murine model of melanoma	Pigmentation and Melanoma	CM14-01	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3170670	784	A new immune evasion mechanism in melanoma	Pigmentation and Melanoma	SePDIII-06	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3174833	785	Benserazide is a novel inhibitor targeting PKM2 in melanoma treatment	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175083	786	A machine-learning classifier trained with microRNA ratios to distinguish melanomas from nevi	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175194	787	Targeting steroid receptor RNA activator (SRA), a long non-coding RNA, enhances melanogenesis through activation of TRP-1 and inhibition of p38	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175223	788	ATF6-MFN2 axis regulates mitochondrial dynamics to promote melanoma cell survival upon ER stress	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175229	789	Immune checkpoint therapy polarizes fibroblasts into a proinflammatory state	Pigmentation and Melanoma	SePDIII-01	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3175235	790	Lipogenesis governs PD-L1-dependent immune escape to promote melanoma growth	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175254	791	Up-regulated SIRT7 expression contributed to melanoma growth by promoting MITF expression	Pigmentation and Melanoma	SePDIII-05	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3175283	792	Oxidative stress-induced IL-15 trans-presentation in keratinocytes contributes to CD8+ T cells activation via JAK-STAT pathway in vitiligo	Pigmentation and Melanoma	SePDIII-07	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3175463	793	By protecting against cutaneous inflammation, deep epidermal pigmentation provided additional advantages for ancestral humans	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3175508	794	Genetic expression profiling in the diagnosis of amelanotic melanoma: An emerging technology and a caution to potential increased reliability	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175514	795	Acetyl-arctigenin (Ac-ATG), a novel and safe skin lightening molecule	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175553	796	IFN $\gamma$ -dependent regulation of PD-L1 on dendritic cells is context dependent	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175564	797	Appropriate sunscreen use in childhood reduces melanoma risk: The New York State Medicaid population model	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175635	798	Autophagosome-like vacuoles in vitiligo melanocytes are associated with cell viability and intracellular glutathione levels	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175794	799	Sex differences in central carbon metabolism underlie sex differences in melanoma patient survival	Pigmentation and Melanoma	CM14-02	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3175804	800	Efficacy evaluation of an antioxidant complex on visible light-induced biologic effects	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175808	801	In vivo modeling of vitiligo associated ZMI21 gene identified by genome-wide association study	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175861	802	The gut microbiome and metabolic activity in patients with vitiligo	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3175991	803	NB-UVB induces melanocyte migration on a collagen IV-coated surface through the activation of the P53/miR211/MMP9 axis	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176107	804	Characterization of amelanotic melanomas from genetically-engineered mouse models	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176148	805	Inhibitory effect of tranexamic acid on UVB-induced inflammation in Hacat cells	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176154	806	Exosome derived from keratinocytes under oxidative stress suppress the proliferation of melanocytes	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176168	807	Homocysteine induces apoptosis of melanocytes via PERK-eif2 $\alpha$ -CHOP pathway in vitiligo	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176215	808	The function and mechanism of MDA5 in the onset and progress of virus-induced vitiligo	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176216	809	Pou4f1 promotes braf inhibitor resistance by reactivating mapk signaling pathway in melanoma	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176293	810	Expression of activity-induced Cytidine Deaminase in melanoma and its correlation with the BRAF mutation and clinicopathological features	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176298	811	Effect of low concentration of hydrogen peroxide treatment on cellular aging and autophagy in human melanocytes	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176300	812	The senescence-associated secretory phenotype may play a role in idiopathic guttate hypomelanosis	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176402	813	Melanoma exosomes mediates the dysfunction of interferon signaling pathway in lymphocytes in tumor microenvironment	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176403	814	RHOJ knockdown modulates the migration and differentiation of normal human melanocytes and the expression of pro-apoptotic markers	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176502	815	Genetic alterations in primary melanoma in Taiwan	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176540	816	Autophagy inhibition sensitizes targeted therapy-resistant melanoma to MEK1/2 inhibitors	Pigmentation and Melanoma	CM14-06	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3176636	817	Ethanol induces skin hyperpigmentation in mice with aldehyde dehydrogenase 2 deficiency	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176701	818	Oriented analysis for transposon mutagenesis screening to study drug resistance	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176721	819	Extragenital lichen sclerosus is an immune-related adverse event with nivolumab	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176723	820	m6A mRNA demethylase FTO regulates tumorigenicity and response to anti-PD-1 immunotherapy in melanoma	Pigmentation and Melanoma	CM14-03	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3176725	821	Anti-tumor activity induced by topical delivery of HSP70iQ435A	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176741	822	Favorable response of melanoma to TIL therapy associated with IFN- $\gamma$ regulated inflammatory pathway	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176769	823	Biomarker approaches for anti-PD-1 in melanoma: A meta-analysis	Pigmentation and Melanoma	CM14-08	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3176837	824	DC-HIL expression determines response of metastatic B16 melanoma and LL2 lung carcinoma to anti-PDL1 treatment	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3176858	825	Keratinocyte desmoglein 1 controls keratinocyte/melanocyte paracrine signaling to regulate the tanning response	Pigmentation and Melanoma	CM14-10	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3176910	826	The Role of TRAF6 in the tumor microenvironment of melanoma	Pigmentation and Melanoma	SePDIII-03	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176913	827	CuxS-controlled chemotherapeutics release and photothermal- photodynamic therapeutic strategy to inhibit progression and metastasis	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177124	828	Dermatopathologist-level classification of skin cancer with deep neural networks at multi-magnification	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177194	829	Folic acid protects melanocytes from oxidative damage by Keap1-Nrf2 pathway	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177235	830	Loss of 5-hydroxymethylcytosine in conjunctival melanoma	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177247	831	Bortezomib-induced immunogenic cell death enhances immune response in melanoma	Pigmentation and Melanoma	CM14-05	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3177302	832	Total body photography facilitates early melanoma detection and improves survival	Pigmentation and Melanoma	CM14-12	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3177335	833	High-dose recombinant interferon- $\alpha$ 1b: An effective immunotherapy with low toxicity for melanoma patients	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177353	834	Rational design of recombinant modified vaccinia virus Ankara for cancer immunotherapy	Pigmentation and Melanoma	CM14-07	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3177358	835	Role of ILK in melanoblasts	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177448	836	EPAC2/RABGEF4 promotes cell cycle progression selectively in primary melanoma cells by regulating cellular and mitochondrial metabolism	Pigmentation and Melanoma	SePDIII-08	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177458	837	Depletion of senescent cells reduces growth of mouse melanoma	Pigmentation and Melanoma	CM14-09	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3177493	838	An eQTL in syntaxin17 (STX17) leads to disrupted melanogenesis in alopecia areata	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177550	839	Dual targeting autoinflammation and PD-L1/L2 immune checkpoint by EGCG augments anti-tumor effects in melanoma	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177884	840	Aberrant differentiation as a novel mechanism for lentigines and hair graying	Pigmentation and Melanoma	SePDIII-02	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177935	841	Clinical experience with a next-generation sequencing (NGS) test for BRAF and NRAS mutations along with gene expression profiling (GEP)	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177942	842	Tranexamic acid inhibit melanogenesis via up-regulating the level of TGF- $\beta$ 1 secreted by keratinocytes	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3177948	843	Immune checkpoint molecule PD-1H/VISTA expression correlates with melanoma survival	Pigmentation and Melanoma	CM14-04	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3177993	844	Upconversion composite nanoparticles modulate melanoma oxidative stress and enhance NIR-mediated photodynamic therapy	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3178033	845	A nuclear cAMP microdomain functions as a tumor suppressor in melanoma	Pigmentation and Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3178066	846	Resistance to apoptosis and PD-L1 induction in melanoma is associated with suppressed aryl hydrocarbon receptor signaling	Pigmentation and Melanoma	CM14-11	CONCURRENT 14, MAY 11, 10:00 AM - 12:30 PM
3168516	847	Teledermatology can optimize treatment of cutaneous disease in under-resourced clinics	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3173116	848	Genes implicated in lipid & metabolic regulation downregulated in CCCA	Skin of Color	CM12-07	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3173794	849	Racial differences in the presentation of dermatologic conditions in patients with HIV	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3175015	850	Proteomic blood signature of African American patients with atopic dermatitis shows more prominent Th2 activation and Th1 attenuation	Skin of Color	CM12-04	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3175260	851	Calreticulin, an endoplasmic reticulum stress sensor, modulates human melanocytes apoptosis: Possible implication in vitiligo pathogenesis	Skin of Color	CM12-01	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3175767	852	Racial differences in adolescent perceptions of skin color and tone: A questionnaire and colorimetric-based cross-sectional study	Skin of Color	CM12-10	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3175855	853	The early repigmentation pattern of vitiligo is related to the source of melanocytes and the choice of therapy: A retrospective cohort study	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3176416	854	GWAS of acne vulgaris among African Americans	Skin of Color	CM12-06	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3176594	855	Inpatient burden of prurigo nodularis in the United States	Skin of Color	CM12-05	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3176889	856	Ethnic variations in scalp pruritus and hair loss	Skin of Color	CM12-09	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3177327	857	Psoriasis-related quality-of-life differs by race/ethnicity	Skin of Color	CM12-11	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3177470	858	Persistent hypoxia signaling maintains glucose dependence and chronic fibrosis in keloid fibroblasts	Skin of Color	CM12-02	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3177529	859	Evaluation of Kojic Acid and Hydroquinone on Melanoderm™ skin model as controls in screening architecture for skin lightening actives	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3177603	860	Evaluation of topical dermatologics containing L-ascorbic acid and its esters on Melanoderm™	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3177814	861	Association between keloids and atopic dermatitis: a cross-sectional study at a tertiary care center	Skin of Color	CM12-03	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3177883	862	Pain, itch and quality of life in persons with keloids	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3177892	863	Central centrifugal cicatricial alopecia gene expression analysis revealed cholesterol, fatty acid, and mast cell pathways	Skin of Color	CM12-08	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3178100	864	Genetics of pigmentation changes in a pediatric population	Skin of Color	CM12-12	CONCURRENT 12, MAY 10, 2:45 - 5:15 PM
3177894	865	Frontal fibrosing alopecia is associated with dysregulation of cholesterol biosynthesis pathways, fibrosis and mast cells	Skin, Appendages, and Stem Cell Bio	CM15-12	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3146875	866	Patient with paroxysmal nocturnal hemoglobinuria (PNH) and aplastic anemia presenting with progressive purpuric nodules	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3161517	867	Contraction of myoepithelial cells in human eccrine sweat glands, revealed by 3D live imaging	Skin, Appendages, and Stem Cell Bio	SePDIII-08	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3166215	868	Histologic progression of hidradenitis suppurativa: Implications for future therapeutic intervention	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3166562	869	The specification of Merkel cell in the back skin and glabrous paw skin is controlled by FGFR2-mediated signaling	Skin, Appendages, and Stem Cell Bio	SePDIII-05	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3166930	870	Y27632 promotes proliferation via EGFR signaling in a newly isolated and characterized human primary sebocyte cell line	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3167211	871	Sirtuins and their importance in skin	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3167876	872	Evaluation of physiological, psychological, and lifestyle factors associated with premature hair graying	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3169514	873	Opsin Expression in human amniotic mesenchymal stem cells in vitro	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3170123	874	DNA dioxygenases Tet1/2/3 control hair shaft-specific differentiation in the hair follicle keratinocytes via modulation of BMP signaling	Skin, Appendages, and Stem Cell Bio	CM15-02	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3172507	875	Ablation of Crif1 in hair follicle stem cells lead to hair growth retardation in adult mice	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3172628	876	The association between rs2476601 polymorphism in PTPN22 gene and risk of alopecia areata: A meta-analysis of case-control studies	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3173407	877	Focusing on the effects of airborne pollution on hair and scalp skin	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3174803	878	Keratin 17 upregulate the expression of CXCL1 in human psoriatic keratinocyte cells through going the nucleus	Skin, Appendages, and Stem Cell Bio	SePDIII-03	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3174961	879	Dynamic regulation of sebaceous gland stem cells during skin homeostasis and aging	Skin, Appendages, and Stem Cell Bio	CM15-10	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3175273	880	Gasdermin A3-mediated cell death causes niche collapse and precocious activation of hair follicle stem cells	Skin, Appendages, and Stem Cell Bio	SePDIII-09	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3175350	881	Hair growth and protection properties of an oligosaccharide and peptidic extract from Maca root	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3175406	882	From heat maps to artificial neural networks: Multi-bioinformatics identify distinct subsets (endotypes) of psoriasis based on the metabo	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3175445	883	Mechanical regulation of stem cell proliferation and fate decisions by their differentiated daughters	Skin, Appendages, and Stem Cell Bio	CM15-09	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3175568	884	LRRK1 regulates hair follicle (HF) growth via coordinating Wnt and SHH signaling	Skin, Appendages, and Stem Cell Bio	SePDIII-10	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3175657	885	The secretion of TNF-α by inflammatory macrophages has dual effects on subcutaneous adipose precursor cells: inhibition of differentia	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3175854	886	Proteomic and phosphoproteomic analysis reveals distinct signatures and regulatory signaling in quiescent and primed hair follicle stem	Skin, Appendages, and Stem Cell Bio	CM15-01	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3175931	887	Hair follicle dermal condensate cells originate from a selectively proliferative dermal progenitor population	Skin, Appendages, and Stem Cell Bio	CM15-04	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3175937	888	Characteristics of patients diagnosed with sebaceous carcinoma in eastern North Carolina	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176028	889	Trpv3 gain-of-function mutation impairs differentiation of hair follicle inner root sheath	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176209	890	Development of pigmented reconstructed human epidermis model containing human melanoblasts from keratinocyte culture	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176332	891	Comparison of phenotypes and transcriptomes of mouse skin-derived precursors and dermal mesenchymal stem cells	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176423	892	Behavior of the two circulating androgens testosterone and DHEA and their main intracellular metabolites in an androgen-sensitive sebo	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176433	893	Low-level laser therapy for the treatment of male and female-pattern hair loss: A review of literature	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176448	894	Comprehensive patch testing in 22 patients with lichen planopilaris	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176459	895	Pharmacological effects of anti-androgens and other compounds in an androgen-sensitive sebocyte cell line	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176463	896	Androgens activate lipogenesis through an AKT-independent mTOR pathway stimulation and a limitation of autophagy in an androgen-se	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176476	897	Lymphatic and endothelial 3D microvascularized dermis model validated for the evaluation of strengthening ingredients	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176489	898	The role of keratinocyte cytokines in the IL-17A-induced asymmetric stem cell self-renewal in psoriasis	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176530	899	HIF1A stabilisation in the ORS of human hair follicles promotes aerobic glycolysis and synthesis of angiogenic factors	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176602	900	Single cell RNA seq (scRNA-seq) defines early and late epithelial transit amplifying (TA) cells	Skin, Appendages, and Stem Cell Bio	CM15-07	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3176657	901	HDAC3 complexes with KLF4 and NCoR/SMRT to control epidermal gene expression	Skin, Appendages, and Stem Cell Bio	PLIII-01	PLENARY III, MAY 11, 8:30 - 9:30 AM
3176698	902	A new 3D immunocompetent skin model reconstructed by tissue engineering	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176854	903	HMGB1 promotes hair growth via the modulation of prostaglandin metabolism	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3176857	904	Alterations in stem cell self-renewal in aged human epidermis	Skin, Appendages, and Stem Cell Bio	CM15-06	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3176865	905	Dysfunction of hair follicle mesenchymal progenitors is associated with age-related hair loss	Skin, Appendages, and Stem Cell Bio	CM15-05	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3177109	906	Cutibacterium acnes RNA activates the human inflammatory response via TLR8	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177170	907	Propionibacterium acnes and peptidoglycan reduce lipidogenesis and change differentiation of SZ95 human sebocytes in vitro via aryl hyd	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177224	908	Bioengineering a novel in vitro model to study ageing in human skin	Skin, Appendages, and Stem Cell Bio	CM6-08	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3177246	909	PPARγ stimulation protects from cyclophosphamide-induced hair follicle cytotoxicity and bulge stem cell damage	Skin, Appendages, and Stem Cell Bio	SePDIII-01	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177264	910	Transepidermal UV radiation of human scalp skin induces distinctive hair follicle damage, which is mitigated by topical caffeine treatment	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177316	911	Theophylline exerts complex anti-aging and anti-cytotoxicity effects in human skin ex vivo	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177396	912	Mouse skin-derived precursors' anti-UVB radiation damage through TGF-β/Smad pathway activation via thrombospondin 1	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177401	913	Gorab regulates dermal papilla cell migration through the cytoskeleton and extracellular matrix	Skin, Appendages, and Stem Cell Bio	SePDIII-06	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177441	914	Histone demethylase LSD1 is required for the embryonic development of dendritic epidermal T cells and Langerhans cells	Skin, Appendages, and Stem Cell Bio	CM15-11	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3177467	915	Dietary grape powder inhibits atopic dermatitis-like skin lesions in NC/Nga mice	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3177528	916	Gynecologic and hormonal comorbidities of scarring alopecia: A retrospective review	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177590	917	Frontal fibrosing alopecia scalp profiling links Th1/Th2 and JAK3 activation with fibrosis and loss of follicular stem cells	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177595	918	Skin morphogenesis by coupling biochemical-bioelectric signals: Calcium oscillations coordinate dermal cell movement by epidermis-dermal cell interactions	Skin, Appendages, and Stem Cell Bio	PLIII-02	PLENARY III, MAY 11, 8:30 - 9:30 AM
3177616	919	Overexpression of cyclooxygenase-2 in the skin of adult transgenic mice leads to sebaceous gland hyperplasia and thinning of hair shafts	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177622	920	The non-coding control region of Trichodysplasia spinulosa polyomavirus is responsible for cell-type specific viral gene expression in vivo	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177742	921	Generation of a new rodent model of scleroderma	Skin, Appendages, and Stem Cell Bio	SePDIII-02	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177746	922	Dermal white adipose tissue secretes hepatocyte growth factor to promote human hair follicle growth and pigmentation	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3177780	923	Molecular phenotyping of lichen planopilaris revealed dysregulation of cholesterol/fatty acid metabolism, fibrosis and mast cell pathway	Skin, Appendages, and Stem Cell Bio	SePDIII-07	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177871	924	Efficient genome editing using CRISPR/Cas9 ribonucleoprotein approach in iPSCs for recessive dystrophic epidermolysis bullosa	Skin, Appendages, and Stem Cell Bio	SePDIII-04	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177886	925	Small molecule targeting of multiple signaling pathways for hair follicle formation from mouse neonatal cells	Skin, Appendages, and Stem Cell Bio	CM15-03	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3177887	926	Keratin 17: A novel regulator of nuclear morphology and chromatin organization	Skin, Appendages, and Stem Cell Bio	CM15-08	CONCURRENT 15, MAY 11, 10:00 AM - 12:30 PM
3177902	927	The path from skin to fat: Is adipocyte differentiation the default lineage for embryonic dermal cells?	Skin, Appendages, and Stem Cell Bio	CM6-09	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3177990	928	Characterisation of the mouse embryonic dermis and timing and control of adipogenic cell fate	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3178015	929	The role of XEDAR in the development and evolution of mammary gland phenotypes	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3146772	930	SOX2 epidermal overexpression promotes cutaneous wound healing via activation of EGFR/MEK/ERK signaling mediated by EGFR ligands	Tissue Regeneration and Wound Hea	CM16-11	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3152518	931	Distinct regulatory transcriptional profiles reveal a wound healing phenotype for inflammatory macrophages exposed to TNF-Adalimumab	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3153655	932	Development of an early wound model in human ex vivo skin explant as a preclinical model of wound healing	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3166929	933	TRAF4 promotes fibroblast proliferation in keloids by destabilizing p53 via interacting with the deubiquitinase USP10	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3168936	934	The mechanism of platelet-rich plasma in uvr-induced dermal tissue injury and repair: Adjusting the macrophage polarization through activation of TLR2	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3170691	935	Clinical manifestations and quality of life in patients with recessive dystrophic epidermolysis bullosa	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3172355	936	Systemic absorption and safety of topical timolol for chronic wounds	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3172439	937	Induction of IL-11 expression leads to persistent abnormal fibroblast activity in cutaneous wound healing	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3173035	938	The skin transcriptome in hidradenitis suppurativa uncovers an antimicrobial and sweat gland gene signature that has distinct overlap with hidradenoma	Tissue Regeneration and Wound Hea	SePDIII-09	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3173817	939	A novel dermal hyaluronidase (Cemip) controls reactive adipogenesis and innate immune defense against S. aureus infection	Tissue Regeneration and Wound Hea	CM16-04	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3174920	940	Epithelial-microbial crosstalk modifies wound healing outcomes: from shotgun metagenomics to mechanistic understanding	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3175031	941	Epigenetic manipulation of epidermal cells leads to enhanced cellular migration without an increase in cell proliferation	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3175122	942	Hedgehog stimulates hair follicle neogenesis by creating inductive dermis during murine skin wound healing	Tissue Regeneration and Wound Hea	SePDIII-10	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3175293	943	Temporal-spatial activation of Wnt-signaling within Type1 / Type 2 immunity during wound healing	Tissue Regeneration and Wound Hea	CM16-05	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3175518	944	Non-coding double stranded RNA induces retinoic acid synthesis and retinoid signaling to control regeneration	Tissue Regeneration and Wound Hea	CM16-01	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3175815	945	Topological transformation reveals a simplified 2-dimensional healing strategy to repair 3-dimensional injury in hair follicles	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3175930	946	Therapeutic effect of combined platelet-rich plasma strategies on morphea	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3175935	947	Accelerating wound healing mechanisms with cold atmospheric plasma	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3175941	948	CD44 regulates $\alpha$ -SMA gene expression via a novel G-actin/MRTF mediated pathway that requires TGF $\beta$ R/p38MAPK activity in murine skin	Tissue Regeneration and Wound Hea	SePDIII-05	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176174	949	Single cell RNA-seq and single cell ATAC-seq analyses during a treatment for dystrophic epidermolysis bullosa	Tissue Regeneration and Wound Hea	CM16-08	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3176228	950	Autophagy is inhibited in keloid-derived fibroblasts	Tissue Regeneration and Wound Hea	SePDIII-03	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176235	951	The wound healing effect of a novel synthetic retinoid, seletinoid G, on cultured keratinocytes and human skin equivalents	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3176340	952	Topical nicotinic receptor activation improves wound bacterial infection outcomes by suppressing TLR2-mediated inflammation in diabetic wounds	Tissue Regeneration and Wound Hea	CM16-06	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3176504	953	Spray on skin: Engineering polymers for wound healing	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3176519	954	MagneTEskin – Orientation matters	Tissue Regeneration and Wound Hea	SePDIII-01	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176537	955	Altered expression of SPAG17, a cilia-related gene, in scleroderma and spontaneous skin fibrosis in Spag17 knockout mice suggests that cilia are involved in skin fibrosis	Tissue Regeneration and Wound Hea	PLI-03	PLENARY I, MAY 9, 8:45 - 9:45 AM
3176543	956	Epidermal autophagy deficiency impairs skin wound healing through inhibiting keratinocyte proliferation and migration and fibroblast activation	Tissue Regeneration and Wound Hea	CM16-07	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3176570	957	Local skin wounding reduces systemic antibody-mediated neutrophil depletion	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3176634	958	Pharmacological inhibition of JAK/STAT signaling by tofacitinib prevents organ fibrosis: Novel therapy for scleroderma	Tissue Regeneration and Wound Hea	SePDIII-08	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176678	959	Regulation of IL36-mediated skin regeneration by non-coding RNA sensing	Tissue Regeneration and Wound Hea	SePDIII-07	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176687	960	Innate immune antimicrobial response by retinoic acid during reactive adipogenesis is dependent on HIF1 $\alpha$	Tissue Regeneration and Wound Hea	SePDIII-02	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176716	961	A novel facial treatment cleansing device improves acne skin	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3176778	962	Integrated stress response facilitates cutaneous wound healing	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3176785	963	Smad Anchor for Receptor Activation (SARA) prevents skin fibrosis via inhibiting pericyte transdifferentiation to myofibroblasts	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3176907	964	Defining the $\beta$ -catenin transcriptional program in non-healing diabetic foot ulcers: new pathway to targeted therapy	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3176927	965	In search of the common mechano-chemical pathways during the regeneration of spiny (acomys cahirinus) and laboratory (mus musculus) wounds	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3177086	966	Botulinum toxin suppresses pro-fibrotic effects in hypertrophic scar fibroblasts	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3177165	967	Assessment of skin stretch mark prevention with an original body oil containing rhealba® oat plantlet extract in a mechanically-stressed skin model	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3177255	968	Enhancing the efficiency of engineered hair follicles with master regulators and extrinsic factors	Tissue Regeneration and Wound Hea	CM16-02	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3177336	969	Wounding response and wound healing in a novel tension-based skin explant model	Tissue Regeneration and Wound Hea	SePDIII-04	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177343	970	Distinct angiogenic profiles between papillary and reticular fibroblasts	Tissue Regeneration and Wound Hea	SePDIII-06	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177483	971	Oral vitamin D3 as mitigator of chemical-induced skin inflammation	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3177559	972	The ATP-dependent chromatin remodeler BRG1 controls epidermal keratinocytes migration during human cutaneous wound healing	Tissue Regeneration and Wound Hea	CM16-12	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3177593	973	Dipeptidyl-peptidase 4 (DPP4)-positive fibroblasts are responsible for secretion of pro-fibrotic matrix proteins in the human skin	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3177638	974	Single-cell analysis identifies heterogeneity of fibroblasts and myeloid-derived adipocytes in regenerating mouse skin wounds	Tissue Regeneration and Wound Hea	CM16-09	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3177766	975	Antifibrogenic activities of novel vitamin D3 analogs are dependent on VDR expression in human fibroblasts	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3177802	976	Knockout of mTOR/Akt inhibitor REDD1 results in hair cycle-independent dermal adipose expansion by promoting adipocyte differentiation	Tissue Regeneration and Wound Hea	CM16-10	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM

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CONTROL ID	FINAL ID	TITLE	CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3177838	977	The wound healing of fractional photothermolysis mimicks scarless healing with minimal myofibroblast activation	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3177912	978	CD44 expression on leukocytes is dynamically regulated by ECRG4	Tissue Regeneration and Wound Hea	CM16-03	CONCURRENT 16, MAY 11, 10:00 AM - 12:30 PM
3178002	979	Caffeine boosts skin's mitochondrial activity	Tissue Regeneration and Wound Hea	POSTER SESSION ONLY	POSTER SESSION ONLY
3145479	980	Single-cell RNA sequencing-guided patient care in refractory drug-induced hypersensitivity syndrome/drug reaction with eosinophilia and	Translational Studies	CM17-05	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3162672	981	Alterations of gene expression in papulopustular rosacea by whole transcriptome analysis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3163816	982	Development and validation of a comprehensive acne grading system linking visual acne characteristics to clinician recommended treatm	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3165233	983	Fatty-acid-binding protein 5 induces Th17 polarization in atopic dermatitis patients with allergic march	Translational Studies	CM17-01	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3165269	984	Formation of radicals from endoperoxide ascaridole in a 3D epidermis model and activation of the innate immune response	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3165273	985	Understanding the skin sensitization capacity of oxidized fragrances: study in an epidermal skin environment	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3165823	986	Neutrophil extracellular traps induced by causative drug-specific CD8+ T cells initiate and exacerbate Stevens-Johnson syndrome and tox	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3167160	987	Molecular mapping to characterize and differentiate pyoderma gangrenosum from venous ulcers	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3167201	988	An open-label phase 2 clinical trial of topical retinostat gel for basal cell carcinoma	Translational Studies	CM17-09	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3167460	989	Biophysical and biomechanical properties of American cutaneous leishmaniasis lesions	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3168963	990	0.005% hypochlorite reduces serine protease in cultured human keratinocytes and alleviates itch of atopic skin	Translational Studies	CM17-04	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3169415	991	Deep neural networks empower medical professionals in diagnosing skin cancer and predicting treatment options for general skin disord	Translational Studies	PLII-05	PLENARY II, MAY 10, 10:00 - 11:00 AM
3169691	992	A new innovative approach combining comparative transcriptomics from three unique psoriasis models to identify predictive PsA biomar	Translational Studies	CM6-06	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3170870	993	Molecular abnormalities of early-onset pediatric atopic dermatitis are captured by tape strips	Translational Studies	SePDIII-07	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3172625	994	Risk and association of HLA alleles with methimazole induced cutaneous adverse reactions in Chinese Han population	Translational Studies	CM17-06	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3172775	995	Identification of CD4+CD69+tissue-resident memory T cell in pemphigus lesions	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3173578	996	Epidermal AMBRA1 and Loricrin; A paradigm shift in prognostication and stratification of AJCC stage I melanoma	Translational Studies	SePDIII-01	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3174666	997	Long term Imiquimod stimulation induced psoriasiform dermatitis, bone loss, liver fibrogenesis and splenomegaly	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3174885	998	Ruxolitinib cream significantly modulates inflammatory profiles of atopic dermatitis patients	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3175114	999	Ultra-thin, adhesive-less epidermal electronic systems with in-sensor analytics for neonatal intensive care	Translational Studies	CM17-10	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3175172	1000	Improvement in CDASI in cutaneous dermatomyositis correlates with change in type I interferons, CD4+ cells, and myeloid dendritic cells	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3175436	1001	Clawbacks: Assessment of overpayment in topical dermatological drugs	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3175548	1002	KPL-716, an anti-oncostatin M receptor $\beta$ (OSMR $\beta$ ) monoclonal antibody, reduces IL-31-induced scratching behavior in cynomolgus mon	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3175642	1003	Heme oxygenase-1 mediates hyperthermia-induced autophagy and antiviral effect	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3175683	1004	Increased tissue-resident memory T (TRM) cells and STAT3 expression in cutaneous lupus erythematosus patients refractory to antimala	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3175744	1005	Emerging role of BH3 mimetics in melanoma treatment: Antitumor and Immunomodulation	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3175771	1006	Prevalence and impact of dietary avoidance among individuals with hidradenitis suppurativa	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3175781	1007	Dithranol-treated psoriasis lesions show unique early changes in gene expression profile	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3175825	1008	Personalized treatment of cutaneous T-cell lymphoma through application of a targeted next generation sequencing panel	Translational Studies	CM17-07	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3175965	1009	Optimizing immunological reinvigoration in leukemic cutaneous T-cell lymphoma through use of multiple immune checkpoint inhibitors	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3176081	1010	Anemia in hidradenitis suppurativa, hepcidin as a diagnostic tool	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3176163	1011	Evaluation of a skin microsampling clinical trial design for temporal/spatial molecular profiling in topically treated photoaged skin	Translational Studies	SePDIII-04	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176285	1012	Activation of hedgehog signaling suppresses psoriasis-like epidermal hyperplasia and skin inflammation	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3176310	1013	Immunoregulatory and lipid presentation pathways are upregulated in human face transplant rejection	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3176431	1014	Anti-CD47 immunotherapy is mediated by cytotoxic NK cells and can be potentiated by IFN- $\alpha$ in the murine model of cutaneous lymphom	Translational Studies	CM6-10	CONCURRENT 6, MAY 9, 1:30 - 4:00 PM
3176523	1015	Radiation therapy eradicates malignant T cells and is associated with improved survival in early-stage mycosis fungoides	Translational Studies	SePDIII-08	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3176549	1016	Single-cell RNA-sequencing provides novel cell-specific molecular profiling in skin of atopic dermatitis patients and controls	Translational Studies	CM17-02	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3176565	1017	Assessing the burden of plant-related allergic contact dermatitis in Pennsylvania to expand the public health applications of dermatol	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3176580	1018	Pathophysiology of itch in bullous pemphigoid	Translational Studies	CM17-12	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3176664	1019	Biodegradable bioadherent nanoparticle formulation for the local nonsurgical treatment of cutaneous malignancy	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3176681	1020	The burden and indirect costs associated with conventional cancer screening in dermatomyositis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3176719	1021	Intravenous gentamicin therapy for recessive dystrophic epidermolysis bullosa patients harboring nonsense mutations	Translational Studies	CM17-11	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3176771	1022	Detection of copy number variation and gene mutation in cell-free DNA of patients with cutaneous T-cell lymphoma	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3176882	1023	T cell polarization shifts from Th1 to Th2 in early to late-stage discoid lupus erythematosus	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177354	1024	Upadacitinib treatment of atopic dermatitis patients leads to reductions in epidermal hyperplasia and cellular infiltrates	Translational Studies	CM17-03	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3177390	1025	Onset, rate, and progression of human dermal extracellular matrix aging	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177496	1026	Assessment of novel biomarkers in anal squamous cell carcinoma	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177499	1027	Psychosocial toll of dermatomyositis: Does malignancy risk play a role?	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177548	1028	Deciphering the mechanism of action of isotretinoin in acne patients using next gene sequencing technologies	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177555	1029	High throughput TCR sequencing greatly improves prediction of recurrence in primary melanomas	Translational Studies	SePDIII-10	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177596	1030	A minimally-invasive method for the quantification of lymphatic vessel function in the skin	Translational Studies	SePDIII-09	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177636	1031	Human polyomavirus 7 (HPyV7)-associated eruptions in immunocompromised hosts	Translational Studies	CM17-08	CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM
3177718	1032	Glycolipid antigens presented by CD1 may drive T cell activation in cutaneous T cell lymphoma	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177719	1033	The potential pro-proliferative role of polo-like kinase 4 in non-melanoma skin cancer	Translational Studies	SePDIII-05	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177786	1034	Leukotriene B4 pathway and tissue damage markers are expressed by granulocytes in lesional skin in bullous pemphigoid	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177824	1035	A systems biology analysis of endotypes in patients with psoriasis and psoriatic arthritis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177870	1036	Scalable production of CRISPR-corrected autologous iPSC derived skin grafts to treat epidermolysis bullosa	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177889	1037	Transcriptome analysis in Sézary syndrome and lymphocytic variant hypereosinophilic syndrome identify common and unique genes	Translational Studies	SePDIII-06	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM

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3177891	1038	Convergent molecular and histologic profiles of guttate and plaque psoriasis	Translational Studies	SePDIII-03	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3177899	1039	Novel mouse model of recessive dystrophic epidermolysis bullosa-squamous cell carcinoma	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177901	1040	Photographing alopecia - How many pixels are needed for clinical evaluation?	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177927	1041	Development of human skin spheroid system for psoriatic disease modeling and drug development	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3177974	1042	Characterizing Imiquimod (IMQ)-induced psoriasis-like dermatitis in BALB/c mice: Application in dermatology research	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3178048	1043	In vitro, in vivo human trial and bioinstrumentational evidence of a novel non-proteogenic amino acid-containing formula shows significant efficacy	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3178049	1044	Human skin tissue-specific T cell dysregulation: A model for adult atopic dermatitis	Translational Studies	SePDIII-02	SELECTED ePOSTER DISCUSSION III, MAY 10, 11:45 AM - 12:45 PM
3179888	1045	Use of immunohistochemical staining in basal cell carcinomas treated with Mohs micrographic surgery: A case-control study	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY