

CONTROL ID	FINAL ID	TITLE	CURRENT CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3327155	001	Lymph node-fibroblastic reticular cells regulate differentiation of CD4 T cells through CD25	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3342451	002	Development of Guillain-Barré syndrome in patients treated with adalimumab	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3352903	003	Dextran-based acitretin nanoparticle ameliorates imiquimod-induced psoriasis-like skin inflammation	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3352977	004	Localized administration of methotrexate regulates psoriasis-like skin inflammation and protects from secondary sensitization	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3359994	005	Respiratory activity in psoriatic circulating T cells predicts the efficacy of apremilast	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3367733	006	The association of platelet activation markers, neutrophil extracellular traps and anti-mitochondrial autoantibodies with cutaneous psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3368003	007	Indoleamine 2,3-dioxygenase 2 knockout exacerbates imiquimod-induced psoriasis-like skin inflammation	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3368100	008	Genome-wide DNA methylation analysis in lupus keratinocytes identifies differential methylation of genes that regulate apoptosis	Adaptive and Auto-Immunity	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3368856	009	Psoriasis patient serum biomarkers may be useful for separating response to therapy endotypes	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3368859	010	Correlation of psoriasis severity with burden of disease cost in psoriatic patients	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3370824	011	Expression of tissue-resident memory T cells in cutaneous lupus erythematosus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3370870	012	Topical application of caffeic acid (caffeoyl-prolyl-histidine amide;CA-PH) in cream form suppresses DNCB-induced atopic dermatitis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3372205	013	Fcγ receptor IIb-dependent blockade of immunoglobulin class-switch is crucial to prevent pemphigus onset in desmoglein 3-severe pemphigus	Adaptive and Auto-Immunity	CM12-05	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3372395	014	IL-27 induces IL-15 production to facilitate T cell survival in allergic contact dermatitis	Adaptive and Auto-Immunity	CM12-12	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3373208	015	Interleukin-27 alleviates psoriatic inflammation by suppressing Interleukin-17A production from T17 cells	Adaptive and Auto-Immunity	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3373930	016	T helper 9 cells are associated with psoriatic cardiovascular disease and promote endothelial permeability	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3374088	017	Inflammer monocyte-derived dendritic cells mediate autoimmunity in murine model of systemic lupus erythematosus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3374234	018	Langerhans cell (LC) exposure to IL-6 biases antigen (Ag) presentation toward an IL-17A response by trans-presentation of IL-6	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3374239	019	Biasing of the outcome of antigen presentation by calcitonin gene-related peptide (CGRP)-exposed endothelial cells (ECs) requires endothelial nitric oxide synthase	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3374531	020	The activity of regulatory T cells is dependent on the expression of receptors for short chain fatty acids	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3374569	021	Neutrophil extracellular traps initiate and exacerbate Stevens-Johnson syndrome and toxic epidermal necrolysis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3374843	022	Pellino-1 facilitates psoriatic inflammation by mediating IL-17-producing T cell immune response	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3376052	023	Circulating serum amyloid A levels correlate with the severity of generalized pustular psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3376133	024	Environmental pollutants induce aldo-keto reductase 1C3 expression to shape prostaglandin D2 metabolism in keratinocytes: CYP11B1 is a novel target	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3376310	025	Extracellular vesicles induce STING-mediated proinflammatory cytokines in Dermatomyositis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3377096	026	Increased levels of high mobility group box-1 in the serum and skin in patients with generalized pustular psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3377141	027	A pilot study of human salivary N- and O-glycan profiles in Bullous pemphigoid	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3377164	028	PD-1+ IL-23R+ CD8+ resident memory T cells (TRM) abundantly infiltrating in the epidermis possibly represent a pathogenic TRM subset	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3377210	029	Transcriptome analysis suggests a role of IL-17-related genes in pemphigus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3377296	030	VGLL3, an orchestrator of female-biased autoimmunity, interfaces with the Hippo pathway to modulate genes involved in immune response	Adaptive and Auto-Immunity	PLII-05	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 PM
3378055	031	Enhancement of Th2 cell differentiation by TRIM32 deficiency is negatively associated with PKCζ	Adaptive and Auto-Immunity	CM12-10	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3378364	032	The loss of epidermal ferroportin exaggerates allergic contact dermatitis induced by 2,4-dinitrofluorobenzene	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3378449	033	The role of hyaluronic acid synthase 3 in the murine contact hypersensitivity	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3378942	034	Autoimmune blistering diseases accompanied with vitiligo	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3378963	035	Biogeographical differences in gene segment usage	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3379006	036	Upregulation of miR-941 in circulating CD14+ monocytes enhances osteoclast activation via WNT16 in patients with psoriatic arthritis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3379070	037	Increased incidence of breast cancer in female patients with lichen sclerosis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3379095	038	Neuropeptide- Melanin-concentrating hormone is critical in stress-mediated chronic inflammation in psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3379301	039	Evaluating T cell activation and polarization impact in morphea	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3379530	040	Inhibitory role of the immune receptor NKG2A in alopecia areata	Adaptive and Auto-Immunity	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3379714	041	miR-146a regulates the interleukin-17 inflammatory response to Cutibacterium acnes in human peripheral blood mononuclear cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3379908	042	Tumor neoantigens and a novel hapten vaccine promote immune targeting of wild type tumor antigens and improve response	Adaptive and Auto-Immunity	CM12-07	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3379969	043	Engineering chimeric antigen receptor (CAR) T cells for treatment of γδ T cell lymphomas	Adaptive and Auto-Immunity	CM12-01	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3380113	044	The possible role of DNA methylation in psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3380253	045	Pigitazone, a PPAR γ Agonist, alleviates imiquimod-induced psoriasis-like skin lesions by regulating keratinocyte proliferation and apoptosis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3380763	046	Effect to the adipose tissue by inflammation from severe skin dermatitis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3380777	047	IL-17A impairs the regulatory T cells-mediated suppression of CD4+ T cells in psoriasis	Adaptive and Auto-Immunity	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3380922	048	New target identification in drug discovery: Small molecule and CRISPR phenotypic screens in the IL-17 pathway identify several novel targets	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3381483	049	Generalized pustular psoriasis (GPP) and palmoplantar pustulosis (PPP) both show upregulation of the IL-36, neutrophil chemokine CXCL6	Adaptive and Auto-Immunity	CM12-03	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3381490	050	Malignant melanoma cell growth is prevented in the systemic inflammatory environment	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3381499	051	Non-steroidal anti-inflammatory drugs act as adjuvant in allergic sensitization	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3381712	052	Targeting keratinocytes to potentiate non-viral DNA skin immunization	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3381734	053	The link between N6-methyladenosine modification and psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3381767	054	Highly Multiplexed Immunophenotyping of Dermatomyositis Skin Lesions	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3382265	055	Assessment of fidelity to the desmoglein compensation hypothesis in a large pemphigus cohort	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3382522	056	Systems approach to evaluate disease factors in pemphigus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3382570	057	Distinct Chromatin Accessibility Profiles of CD8+ Tissue Resident Memory T Cells	Adaptive and Auto-Immunity	CM12-02	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3382667	058	[18F]FDG PET/CT-based imaging method to characterize the therapeutic effects of DMF in EAE	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3382689	059	Characterization of a novel patient-derived antibody with sequence homology to antibodies directed against both desmosomes and hemidesmosomes	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3382733	060	Delivery of contact sensitizers and neurokinin 1 receptor antagonists by microneedle arrays targets different skin cells to abrogate allergic sensitization	Adaptive and Auto-Immunity	CM12-09	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3382841	061	Tissue DC antigen capture is selectively regulated by type II Interferon	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383445	062	Hidradenitis suppurativa RNA-seq skin transcriptome overlaps with psoriasis vulgaris and reveals a marked upregulation of multiple genes	Adaptive and Auto-Immunity	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3383447	063	Epithelial dermal tunnels drive inflammatory response in Hidradenitis Suppurativa	Adaptive and Auto-Immunity	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3383641	064	Therapeutic effects of Smad7-based protein on imiquimod-induced psoriatic lesions	Adaptive and Auto-Immunity	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM

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3383674	065	CDK7 inhibitor suppresses psoriasis inflammation via inhibiting glycolysis to modulate Th17/Treg balance	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383690	066	In vivo tracking of antigen-specific skin-resident memory CD4+ T cells	Adaptive and Auto-Immunity	CM12-04	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3383698	067	Development of allergen-specific Fcγ3+RORγt+Treg cells during allergen-specific immunotherapy	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383824	068	Lysophosphatidylcholine promotes the development of psoriasis through metabolic reprogramming	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383912	069	The tHn-like cells in the lesion from DLE patients and in humanized DLE mouse model	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383944	070	Levels of plasma total IgE and D-dimer and basophil FcεR1 expression as potential predictors of response to autologous whole blood	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383973	071	Epidermal CD147 promotes psoriasis through metabolic reprogramming and recruiting myeloid-derived suppressor cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383988	072	High-Resolution Melting – Quantitative Polymerase Chain Reaction (HRM-qPCR) detects IFI44L promoter methylation for diagnosis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383994	073	Investigation of the change in immune cell subsets in different clinical phenotypes of Henoch-Schönlein purpura	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384012	074	There are two isoforms of BP180 in the mouse brain	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384035	075	Mast Cells Participate in an imiquimod-induced mouse model of psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384041	076	Increased IL-36γ in keratinocytes may induce epithelial-mesenchymal transition in patients with systemic sclerosis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384098	077	RNA interference screening for novel cytokine and chemokine factors regulating HIV-1 trans-infection from dendritic cells to CD4+ T cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384244	078	The effect of LPS on neutrophil extracellular trap-induced Th17 polarization is IL-6 and STAT3-Dependent	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384251	079	Pharmacological modulation of autophagy regulates the onset of alopecia areata in C3H/HeJ mice	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384258	080	A novel disease-associated haplotype emerges from large scale HLA association analysis in bullous pemphigoid and mucous membrane	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384267	081	Granzyme K: A potential mediator of psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384317	082	Topical chemo-immunotherapy of melanoma	Adaptive and Auto-Immunity	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384376	083	Linear morphea with evidence of hair regrowth	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384420	084	T cell vaccination using conserved influenza proteins is highly protective against lethal challenge	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384423	085	Neutrophils are critical in linear IgA bullous dermatitis in mice	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384476	086	Recognition of a common bacterial phospholipid by human T cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384640	087	Differentiation into resident memory cells alters human memory T cell cytokine production	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384646	088	MVA Vectors delivered through epidermis protect against pulmonary infections	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384692	089	Modulation of the IL-23/Th17 immune axis by enhancement of adenosine A2A receptor (AZAR) signaling alleviates psoriasis (P)	Adaptive and Auto-Immunity	CM12-11	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3384694	090	Broad spectrum CyTOF analysis defines polyfunctional T-cell subsets and supports a potential role for IL-21 in atopic dermatitis	Adaptive and Auto-Immunity	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384780	091	B cells are required for development of skin lesions in a mouse model of cutaneous lupus erythematosus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384835	092	IL-21 induces human tricytotoxic T lymphocytes	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384879	093	Comparison of skin autoimmune diseases by single-cell RNA sequencing	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384931	094	Molecular and cellular characteristics of nummular eczema	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384945	095	Single-cell Profiling Reveals a Highly Specific, Compartmentalized Functional Response in the Cutaneous Immune System	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384950	096	Antigen-specific immunosuppression by Treg for vitiligo	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384980	097	Reactivation of pyoderma gangrenosum associated with anti-programmed cell death 1 therapy	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384983	098	Comparative RNA-Seq profiling of oral lichen planus and mucous membrane pemphigoid patient samples reveal distinct and shared	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3385054	099	Competition for active TGFβ eliminates bystander CD8+ TRM from the epidermal niche	Adaptive and Auto-Immunity	CM12-08	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3385163	100	Increase in the proportion of CD4+CD25+CLA+CD38- regulatory T cells in atopic dermatitis patients	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3385200	101	Engineering the skin with microneedle arrays to induce immune tolerance	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3385226	102	Have FOXP3, will travel: Human Treg preferentially recirculate and suppress the activation of skin resident effector T cells	Adaptive and Auto-Immunity	CM12-06	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3368565	103	ATF6-MARCH5-MFN2 axis regulates melanoma cell survival upon ER stress through mitochondrial dynamics	Carcinogenesis and Cancer Genetics	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3368835	104	The molecular context of vulnerability for CDK9 suppression in melanoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3370517	105	Trends in the interest of indoor tanning beds internationally	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3372893	106	XPC splice site founder mutation in families with xeroderma pigmentosum from Dominican Republic and Honduras	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3373681	107	Increased prevalence of thyroid nodules in xeroderma pigmentosum patients: A feature of premature aging	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3373986	108	OVOL2/ZEB1 axis restricts the transition from actinic keratosis to cutaneous squamous cell carcinoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3374235	109	Characterization of Polyomavirus encoded-circular RNAs in Merkel Cell Carcinoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3374305	110	RNA expression analysis in stage IVA-B cutaneous T-cell lymphoma to identify novel biomarkers of prognosis and diagnosis	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3374413	111	Defining the immune tumor microenvironment in a genetic mouse model of multistep squamous cell carcinogenesis	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3374607	112	Differential molecular expression patterns and risk for metastasis in cutaneous squamous cell carcinoma: A systematic review	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3375789	113	Aspirin protects melanocytes and keratinocytes from UV-induced DNA damage in vivo	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3376336	114	Analyzing the metabolic demands of genetic alterations observed in squamous cell carcinoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3376535	115	Dysregulated estrogen signaling through CYP1B1 contributes to Notch deficiency in squamous cell carcinoma	Carcinogenesis and Cancer Genetics	CM6-01	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3376638	116	A dynamic panel of UV signature genes for risk stratification of cutaneous actinic keratosis and squamous cell carcinoma subtypes	Carcinogenesis and Cancer Genetics	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3377097	117	Dysregulated m6A methyltransferase METTL3 suppresses acral melanoma proliferation and migration through p38/ERK pathway	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3377912	118	In vivo cellular reprogramming facilitates viral T antigen-driven Merkel cell carcinoma development in adult mice	Carcinogenesis and Cancer Genetics	CM6-03	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3377927	119	Loss of tumor suppression by Dlx3 is associated with poor prognosis in human SCCs and tumor promotion in mice	Carcinogenesis and Cancer Genetics	CM6-05	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3377973	120	A systematic review provides insight into genes mutated in metastatic SCC	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3378270	121	Correlation between skin viscoelasticity and tumor progression during aging	Carcinogenesis and Cancer Genetics	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3378806	122	Frequent mutation of COL11A1 in cutaneous squamous cell carcinoma	Carcinogenesis and Cancer Genetics	CM6-11	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3378958	123	Identification of GAPDHS as a novel regulator of melanoma metastasis and metabolic plasticity	Carcinogenesis and Cancer Genetics	CM6-07	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3379452	124	In situ hybridization assay for detection of Merkel cell polyomavirus in Merkel cell carcinoma	Carcinogenesis and Cancer Genetics	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3380306	125	SIRT7 links unfolded protein response to mitochondrial function in melanoma tumorigenesis	Carcinogenesis and Cancer Genetics	CM6-08	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3380437	126	RNA-seq reveals glucose-6-phosphate dehydrogenase as an immunohistochemically and serum-detectable prognostic predictor	Carcinogenesis and Cancer Genetics	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3380916	127	ROCK inhibition reduces Ras-induced senescence in primary mouse keratinocytes	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3381206	128	MAB21L4 Regulates RET-Mediated Epidermal Differentiation and Neoplastic Invasion	Carcinogenesis and Cancer Genetics	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3381560	129	Naked mole rats show resistance to chemically-induced epidermal carcinogenesis associated with increased expression of the	Carcinogenesis and Cancer Genetics	CM6-04	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM

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3381929	130	Small Non-coding RNAs Interact with ERK2 and Effect MAPK/ERK Pathway	Carcinogenesis and Cancer Genetics	PLI-03	PLENARY SESSION I, MAY 14, 11:30 AM - 12:30 PM
3382010	131	The effect of PM 2.5 from three rural USA areas on inflammatory markers in human keratinocytes	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3382209	132	Merkel cell polyomavirus small t antigen activates non-canonical nf-kb signaling to promote tumorigenesis	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3382516	133	The relationship between FGFR1 and mevalonate in adiposity-associated cancer: Implications of statins for chemoprevention	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3383000	134	Systemic chemotherapy promotes HIF-1 $\alpha$ mediated glycolysis and IL-17F pathways in Mycosis Fungoides	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3383467	135	Clonal dynamics and the earliest steps of carcinogenesis in chronically UV-exposed skin	Carcinogenesis and Cancer Genetics	CM6-10	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3383556	136	Evolutionary and molecular determinants of resistance to UV-induced skin cancer in naked mole rats	Carcinogenesis and Cancer Genetics	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383909	137	Decreased cytotoxic T cells, decreased cytotoxic/regulatory T-cell ratio, and decreased TCR clonality are associated with increased tumor burden in melanoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3383962	138	Copy number gain at chromosome 7q21 potentiates the large cell transformation in cutaneous T cell lymphoma	Carcinogenesis and Cancer Genetics	CM6-02	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3384015	139	Identification of long noncoding RNAs in mouse hair follicle stem cells using computational methods	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384132	140	AP-1 and TGF $\beta$ cooperativity drives non-canonical Hedgehog signaling in resistant basal cell carcinoma	Carcinogenesis and Cancer Genetics	CM6-12	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3384138	141	All-trans Retinoic Acid Inhibits Cell Proliferation through Upregulation of TET2 in Squamous Cell Cancer	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384150	142	Epidermal integrin $\alpha$ 3 $\beta$ 1 is essential to maintain tumor growth and promotes a tumor-supportive keratinocyte secretome	Carcinogenesis and Cancer Genetics	CM6-06	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3384159	143	Identification of actinic keratosis susceptibility loci	Carcinogenesis and Cancer Genetics	CM6-09	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3384160	144	Increased normal tissue telomere length is associated with decreased survival in melanoma patients	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384195	145	Loss of 5-hydroxymethylcytosine in CD4+ small /medium T-cell lymphoproliferative disorder	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384254	146	Global phosphoproteomic analysis of protein kinase C delta activation reveals signaling pathways involved in triggering keratinocyte proliferation	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384283	147	The expression of 5-hydroxymethylcytosine, TET2 and retinoid acid receptor- $\beta$ in male genital diseases	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384482	148	RDEB-cSCC-derived induced pluripotent cancer cells for studying cancer initiation and progression	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384714	149	Genes involved in initiation and progression of SCC	Carcinogenesis and Cancer Genetics	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384746	150	Dysregulation of TOX1 and STAT3 in the pathogenesis of cutaneous T-cell lymphoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384812	151	Linear basal cell nevus with a novel mosaic PTCH1 mutation	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384877	152	CHUK2 mutations and increased genomic instability with disease progression occur in high-stage squamous cell carcinoma	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384996	153	Genomic landscape of primary cutaneous follicle center lymphomas	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384999	154	Shared CpG methylation defects in mycosis fungoides and Sézary syndrome	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3385071	155	A biomarker function of HMGA2 in cutaneous squamous cell carcinoma development	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3385198	156	The genetic drivers of acral melanoma; a retrospective genetic analysis	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3374210	157	IL-10+ regulatory B cell migration into inflamed skin limits cutaneous inflammation	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3374455	158	Single cell analysis of emigrating cells from psoriasis lesion identifies distinct IL-17A and IL-17F producing T-cell populations and their role in disease pathogenesis	* Single Cell Transcriptomics and Cell-Ce	CM9-12	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3374557	159	Downregulation of serum exosome miR-1305 contribute to the development of psoriasis through non-canonical Wnt signaling	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3375286	160	Defining a role for CREB in hair follicle stem cell metabolism	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3375784	161	Single-cell RNA sequencing combined with interstitial fluid proteomics defines cell-type-specific immune gene regulation in atopic dermatitis	* Single Cell Transcriptomics and Cell-Ce	CM9-09	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3375925	162	Single cell and spatial analysis of human squamous cell carcinoma	* Single Cell Transcriptomics and Cell-Ce	CM9-05	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3376530	163	Single cell analysis of human vitiligo lesions reveals a role for CCR5 in T regulatory cell function	* Single Cell Transcriptomics and Cell-Ce	CM9-02	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3378322	164	Micro RNAs enriched in exosome derived from keratinocytes under oxidative stress contributes to melanocyte loss in vitiligo	* Single Cell Transcriptomics and Cell-Ce	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3378369	165	Aryl hydrocarbon receptor and autophagy-related protein LC3 expression in psoriasis	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3379181	166	Single-cell RNA sequencing reveals phenotypic and functional differences among human Langerhans cells	* Single Cell Transcriptomics and Cell-Ce	CM9-11	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3380855	167	AHR signaling dampens inflammatory signature in neonatal skin $\gamma$ $\delta$ T cells	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3380997	168	Thymic stromal lymphopoietin controls hair follicle cycling	* Single Cell Transcriptomics and Cell-Ce	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3381562	169	MrgprD-expressing neurons maintain cutaneous mast cell homeostasis	* Single Cell Transcriptomics and Cell-Ce	PLIII-02	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
3382271	170	Skin infection generates two distinct subgroups of CD8+ resident memory T cells	* Single Cell Transcriptomics and Cell-Ce	CM9-01	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3382387	171	Single cell RNA sequencing to improve synthetic skin equivalents	* Single Cell Transcriptomics and Cell-Ce	CM9-08	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3383677	172	Exosomal miR-381-3p from keratinocytes promotes Th1/Th17 polarization and psoriasis progression by targeting Ubr5 and Foxp3	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3383731	173	Tranilast directly targets NLRP3 to protect melanocytes from keratinocyte-derived IL-1 $\beta$ under oxidative stress	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3383871	174	Dermis-hair follicle communication: Extracellular microvesicles signaling for hair regeneration	* Single Cell Transcriptomics and Cell-Ce	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384027	175	MrgprD-expressing peripheral sensory neurons may directly suppress mast cell function	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3384069	176	Comparative analysis of pruritus and intraepidermal nerve fiber density in atopic dermatitis and bullous pemphigoid	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3384082	177	Glycation: Impact on skin cells' functions and ECM mechanical properties	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3384140	178	miR-146a and its importance in skin cell aging	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3384206	179	Inhibitory effects of peptidomimetics on neurotransmission	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3384281	180	VE-cadherin endocytosis controls vascular integrity and patterning during development	* Single Cell Transcriptomics and Cell-Ce	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384298	181	A novel role for the endoplasmic reticulum in regulating desmosome dynamics and function	* Single Cell Transcriptomics and Cell-Ce	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384313	182	Dermal fibroblasts control mast cell skin reactivity	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3384576	183	Inference and analysis of cell-to-cell communication from single-cell transcriptomics data on skin	* Single Cell Transcriptomics and Cell-Ce	CM9-07	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3384599	184	Wnt-induced excessive lipolysis drives fat loss in skin fibrosis	* Single Cell Transcriptomics and Cell-Ce	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384618	185	Altered Celsr1 adhesion disrupts planar cell polarity and junction asymmetry	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3384704	186	Immune cell-derived growth factors drive fibrosis in scleroderma and graft-vs-host disease	* Single Cell Transcriptomics and Cell-Ce	CM9-06	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3384736	187	Single cell transcriptomic and microarray analysis reveals the dynamic landscape of acne lesion	* Single Cell Transcriptomics and Cell-Ce	CM9-03	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3384742	188	scRNA-seq and RNA-seq for Stiff Skin Syndrome identify pericytes as a key pathogenic cell population and avenue for therapeutic intervention	* Single Cell Transcriptomics and Cell-Ce	CM9-10	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3384796	189	The effect of niacinamide on the communication between sensory neurons and skin cells	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3384899	190	Highly efficient, massively-parallel single-cell RNA-seq analysis of leprosy skin lesions identifies IL-1 $\beta$ as a key regulator of an anti-inflammatory gene signature	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3384948	191	Single-cell transcriptomic analysis of immune cells in mouse alopecia areata revealed a disease dominant CD8+ NKG2A+ NKG2L1+ population	* Single Cell Transcriptomics and Cell-Ce	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3385017	192	Super-resolution imaging of desmosome architecture during assembly and maturation	* Single Cell Transcriptomics and Cell-Ce	POSTER SESSION ONLY	POSTER SESSION ONLY
3385082	193	Single cell RNA-seq in mouse alopecia areata identifies a unique subset of Arg1+ M2-like macrophages associated with disease	* Single Cell Transcriptomics and Cell-Ce	CM9-04	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3325833	194	The antimicrobial peptide human beta-defensin-3 activates autophagy in human keratinocytes	Epidermal Structure and Barrier Function	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM

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3341514	195	N/TERTs replicate primary keratinocytes in barrier formation and viral infectivity	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3355037	196	Relationship between the physicochemical effect of compounds on phospholipid membranes and their influence on epidermal	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3367232	197	Altered epidermal function in uninvolved skin supports a pathogenic role of epidermal dysfunction in hand eczema	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3369102	198	The effect of magnolol on the TNF- $\alpha$ /IL-23/Th-17 axis of the imiquimod induced psoriasis-like dermatitis mice	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3372764	199	IL-4 and IL-13 cytokines enhance steroid hormone production in the sebocyte during atopic dermatitis pathogenesis	Epidermal Structure and Barrier Function	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3373273	200	Variation in skin barrier function among older adults in a large cohort of healthy aging	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3374334	201	Dihydroceramide (NDS) can be a precursor to heterogeneous ceramide (CER) species in keratinocytes	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3374341	202	Activation of SIRT1 enhances epidermal permeability barrier formation through ceramide synthases 2 and 3-dependent mecha	Epidermal Structure and Barrier Function	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3374665	203	IL-17A suppresses the formation of the granular layer in a human epidermis model via regulation of terminal differentiation ge	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3374790	204	Multifaceted analyses of lympho-epithelial Kazal-type-related inhibitor and its association with atopic dermatitis	Epidermal Structure and Barrier Function	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3375787	205	CD100 maintains the skin barrier function and is involved in atopic dermatitis	Epidermal Structure and Barrier Function	CM13-06	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3376058	206	Involucrin knockout mice exhibit decreased Vitamin D receptor expression and reduced Vitamin D agonist-induced skin inflamr	Epidermal Structure and Barrier Function	CM13-05	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3376261	207	Purified Cannabidiol Isolate does not appear to be anti-inflammatory in post-treated UVB or ATP NLRP Inflammasome-activate	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3377309	208	Impaired maturation of cornified cell envelopes promote the recovery of stratum corneum permeability barrier function	Epidermal Structure and Barrier Function	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3378054	209	Inducible nitric oxide synthase regulates epidermal permeability barrier homeostasis	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3378306	210	Association of epidermal dysfunction and constipation in the elderly	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3378615	211	Ability of mathematical models to predict human in vivo percutaneous penetration of steroids	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3378737	212	Regulated mitochondrial fission via NIX and DRP1 in keratinocytes drives epidermal differentiation	Epidermal Structure and Barrier Function	CM13-03	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3378826	213	Increased 11 $\beta$ -hydroxysteroid dehydrogenase type 1 contributes to the impaired barrier in aged skin	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3380628	214	Biological effects and skin bioavailability of Aphloiol	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3380661	215	Characterization of keratinocyte lipids composition of bioengineered human epidermis	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3380679	216	Protective bioinformatic model of the consequences of FOXO3 down-regulation on skin dermal and epidermal components	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3380710	217	Optimizing night processes for skin integrity maintenance	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3380727	218	Investigating skin relaxation status via glutamate excitatory pathway modulation	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3380856	219	Comprehensive microbiota analysis of oily versus normal scalp	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3380931	220	Elevated A20 Targets Caspase8 to Potentiate Keratinocyte Necroptosis in SIS/TEN	Epidermal Structure and Barrier Function	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3381368	221	Dry skin, altered barrier function & inflammation: The vicious circle of Inflamm'DrynessTM	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3382021	222	Metabolomic identification of an essential glucose-IRF6 axis in differentiation	Epidermal Structure and Barrier Function	CM13-10	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3382411	223	Skin barrier, inflammation, and metabolism—connections through Ovol1/Ovol2	Epidermal Structure and Barrier Function	CM13-07	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3382501	224	The lipoxygenase inhibitor ML355 prevents covalent adduction of the corneocyte lipid envelope in a novel preclinical model of	Epidermal Structure and Barrier Function	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3382790	225	Desmoglein 1 deficiency in knockout mice impairs epidermal barrier formation and results in a psoriasis-like gene signature in t	Epidermal Structure and Barrier Function	PLIII-01	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
3382909	226	Skin controls gut immune function through innate immune ECM cross talk	Epidermal Structure and Barrier Function	CM13-01	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3383037	227	Physiological function of krox20 (Egr2) in epithelial stem cells	Epidermal Structure and Barrier Function	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3383693	228	Loss of EPHA2 represses GATA-3 function and causes a terminal differentiation defect	Epidermal Structure and Barrier Function	CM13-09	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3383709	229	IRAK2 promotes abnormal epidermal differentiation during inflammatory states to facilitate and amplify immune responses in	Epidermal Structure and Barrier Function	CM13-11	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3383786	230	Loricrin is a chemopreventive structural protein required for competent anti-tumor immunity in the epidermis	Epidermal Structure and Barrier Function	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383835	231	Analysis of corneodesmosomal proteins in nummular eczema skin	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3383908	232	Deficiency of Wnt5a in keratinocyte does not ameliorate the imiquimod-induced psoriasis-like dermatitis	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3383960	233	Novel chia seed extract (HyVia™) inhibits demethylation of PP2A and increases barrier repair markers, resulting in increased hy	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3383969	234	The association of interleukin-36g, claudin-1 and claudin-7 in psoriasis	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3383985	235	The importance of sirtuins in skin and new findings about sirt2 and its link to mechanobiology	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384037	236	Celastrol enriched extract modulates Th17 key-disease mediators by interrupting feed-forward inflammation and by restoring f	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384081	237	Evaluation of barrier properties of topical barrier formulation to common allergenic agents	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384094	238	Retinol at a concentration of 0.3% restores fibrillin-rich microfibrils and modifies the epidermis in photoaged human skin in viv	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384129	239	Multi-functional in vitro and in vivo efficacy of Tiliacora triandra, natural ingredient with clinical anti-aging skin benefits	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384130	240	In vitro and in vivo skin efficacy of CBD extract	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384197	241	C. Acnes IA1 Phylotype induces features of acneic skin when applied on 3D in vitro model	Epidermal Structure and Barrier Function	CM7-05	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3384279	242	Using BioID to identify molecular functions for Aire in human keratinocytes	Epidermal Structure and Barrier Function	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384417	243	H3K9me3 methyltransferase Setdb1 and chromatin remodelling ATPase Lsh maintain constitutive heterocromatin and prevent	Epidermal Structure and Barrier Function	CM13-02	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3384424	244	Protective properties of Avène thermal spring water on biomechanical, ultrastructural and clinical parameters of the human sk	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384427	245	RNAseq profiling highlights immune and barrier differences among ichthyoses	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384478	246	Narcissus tazetta bulb extract delays cellular senescence by reducing mTOR pathway activation	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384567	247	The KMT2D-LSD1 epigenetic enhancer axis: Key regulator of epidermal barrier function and genome stability	Epidermal Structure and Barrier Function	CM13-04	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3384568	248	CYP11A1-derived hydroxy-lumisterols act as agonists of LXR $\alpha$ and $\beta$	Epidermal Structure and Barrier Function	CM13-12	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3384583	249	Optimized low pH niacinamide formulations show a significant induction of autophagy gene expression over neutral niacinamid	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384631	250	Combination of niacinamide, a tripeptide, and yeast extract show synergistic induction of autophagy and stress response biot	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384720	251	Skin epidermal keratinocyte differentiation-associated processes regulate homeostatic antiviral protein expression	Epidermal Structure and Barrier Function	CM13-08	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3384765	252	Targeting Multiple Hallmarks of Skin Aging through Growth Factors	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384789	253	RNA-seq profiling of tape strips from infants with atopic dermatitis show profound barrier and immune abnormalities	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384794	254	AKR1B10 inhibition in keratinocytes as a strategy to improve retinaldehyde efficacy and increase endogenous atRA	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3384800	255	Keratinocytes isolated from dark or light pigmented skin showed different degrees of tight junction impairment after PAR2 acti	Epidermal Structure and Barrier Function	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3385822	256	Treatment of Netherton syndrome with dupilumab	Epidermal Structure and Barrier Function	POSTER SESSION ONLY	POSTER SESSION ONLY
3365184	257	A novel mutation of COL7A1 in a Chinese family with dystrophic epidermolysis bullosa pruriginosa	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3367848	258	Mosaicism in tuberous sclerosis complex detected by genome analysis	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3370838	259	Coagulation factor XIII-A subunit missense mutation in the pathobiology of autosomal dominant multiple dermatofibromas	Genetic Disease, Gene Regulation and	CM1-04	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM

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3373286	260	Precision medicine: Exome sequencing adds complexity to genotype/phenotype correlation	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3373734	261	Assessment of readthrough of premature termination codons in xeroderma pigmentosum group C patients by real-time PCR and	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3373910	262	UV-endonuclease and photolyase DNA repair enzymes increase cystatin gene expression after UVB induced downregulation	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3374091	263	First in human use of a novel in vivo gene therapy for the treatment of autosomal recessive congenital ichthyosis: Results of a	Genetic Disease, Gene Regulation and	CM1-11	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3375192	264	Interrogating altered enhancer landscapes to decode pathogenic changes in macrophages during chronic inflammatory disease	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3376768	265	Genome-wide association study of hidradenitis suppurativa in a multi-ethnic cohort	Genetic Disease, Gene Regulation and	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3376798	266	Trichothiodystrophy, a multisystem disorder with early onset debilitating hip degeneration	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3376811	267	Mechanisms governing epigenetic regulation of apoptosis in CTCL: Implications for therapy with methotrexate, JAK inhibitors, and	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3377101	268	AFF1-containing super elongation complex mediates rapid switch of epidermal differentiation from repression to activation by	Genetic Disease, Gene Regulation and	CM1-01	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3377568	269	Results from the largest whole-genome sequencing study of atopic dermatitis with extensive phenotyping	Genetic Disease, Gene Regulation and	CM1-05	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3377800	270	Optimizing keratinocyte differentiation from induced pluripotent stem cells for the treatment of Epidermolysis Bullosa Simplex	Genetic Disease, Gene Regulation and	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3378404	271	Mutation analysis of autosomal recessive woolly hair/ hypotrichosis in 72 Japanese patients	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3378614	272	Targeted reactivation of a dormant tumor suppressor gene CDKN2A inhibits proliferation of skin cancer cells	Genetic Disease, Gene Regulation and	CM1-10	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3378853	273	Large scale functional inference for skin-expressing lncRNAs using expression and sequence information	Genetic Disease, Gene Regulation and	CM1-06	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3378905	274	Biotin Is required for the zinc homeostasis in the skin	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3379418	275	In-progress validation of candidate rosacea genes by targeted interrogation of alleles and assessment of rosacea comorbidities	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3379956	276	Autocrine IFN- $\kappa$ restricts CRISPR-Cas9 Keratinocyte transfection through STING-APOBEC3G activation	Genetic Disease, Gene Regulation and	CM1-02	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3379985	277	Palmoplantar keratosis, skin fragility and pluckable hair caused by the loss of intracellular portion of DSG1: Expanding phenoty	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3380405	278	A novel deletion mutation in FERMT1 gene in a Kinder Syndrome patient and a literature review	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3382098	279	A quantitative xenograft model to validate causative mutations in patients with Ehlers-Danlos Syndrome	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3382595	280	Alteration in differentiation as a novel mechanism for inherited pigmentation disorders of skin and hair	Genetic Disease, Gene Regulation and	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3382606	281	Differential gene expression and chromatin accessibility reveal Th17 polarization in skin-homing T cells	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3382650	282	Larger wounds in recessive dystrophic epidermolysis bullosa patients associated with worse quality of life: Results of a global c	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3383570	283	Possibility of therapeutic application to autosomal dominant dystrophic epidermolysis bullosa using large deletion genome edit	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3383739	284	Identification of psoriasis-protective chemokine, FAM19A5, and IL17D expression in psoriatic skin	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3383821	285	Genetic variants in the interleukin-2 pathway genes predict cutaneous melanoma-specific survival	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3383853	286	Premature thymic involution and oropharyngeal blistering cause early lethality in generalized severe junctional epidermolysis b	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3383900	287	Secreted frizzled-related protein 5 (FRP5) inhibits the melanin synthesis of melanocytes via Wnt/ $\beta$ -catenin signaling pathway i	Genetic Disease, Gene Regulation and	CM1-03	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3384106	288	ATAC-Seq analysis reveals a widespread increase of chromatin accessibility in psoriasis	Genetic Disease, Gene Regulation and	CM1-07	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3384183	289	Highly efficient RNA-based reprogramming of renal epithelial cells derived from recessive dystrophic epidermolysis bullosa pat	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384245	290	Development of a murine model of Sturge-Weber disease	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384273	291	Functional characterization of ABCG6 missense variants implicated in pseudoxanthoma elasticum	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384286	292	A retinol-Myrtus extract complex induced beneficial epigenetic and transcriptome changes related to human skin aging	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384464	293	Individuals with pseudoxanthoma elasticum have a significantly increased incidence of kidney stones	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384494	294	Recessive mutations in AP1B1 cause ichthyosis, deafness, and blindness	Genetic Disease, Gene Regulation and	CM1-09	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3384546	295	Combined RNA-based gene correction and reprogramming of RDEB fibroblasts into iPSCs for various COL7A1 mutations	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384591	296	Recombination efficiency and expression of fibroblast-specific Cre drivers in mouse skin	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384627	297	Induction and evaluation of an oxidative stress response in the EpidermFT in vitro human skin model	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384686	298	Identifying monogenic etiologies in alopecia areola by integrating linkage analysis with gene-level mutation burden testing	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384690	299	Induction of an atopic dermatitis-like phenotype in a full-thickness in vitro human skin model	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384696	300	Using single cell technique to reveal the expression landscape of lncRNAs in psoriasis	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3384910	301	Whole exome sequencing in AA patients identifies a hotspot mutation in the type II hair keratin gene, KRT82	Genetic Disease, Gene Regulation and	CM1-08	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3384928	302	Functional genomics reveals a novel role for STX17 in the pathogenesis of AA	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3385116	303	Allele specific accessibility analysis to decipher molecular mechanism of psoriasis-associated loci	Genetic Disease, Gene Regulation and	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3385139	304	Type VII collagen NC2 domain expression differentiates severe from milder recessive dystrophic epidermolysis bullosa subtype	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3385187	305	In vivo correction of recessive dystrophic epidermolysis bullosa (RDEB) by direct cutaneous COL7A1 gene replacement: Results	Genetic Disease, Gene Regulation and	CM1-12	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3385225	306	Topical QR-313, an Antisense Oligonucleotide, in the Treatment of Dystrophic Epidermolysis Bullosa	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3385421	307	Safety and clinical effects of systemic allogeneic UCB-MSCs therapy for patients with RDEB	Genetic Disease, Gene Regulation and	POSTER SESSION ONLY	POSTER SESSION ONLY
3369661	308	Basophils mediate allergen-provoked itch in atopic dermatitis	Innate Immunity, Microbiology, and M	CM2-04	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3371629	309	Dissemination of cutaneous staphylococcus aureus infection is limited by early neutrophil recruitment regulated by ECRG4	Innate Immunity, Microbiology, and M	CM2-10	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3372937	310	Evaluation of epsom salt bath as a potential anti-staphylococcal adjunctive treatment in atopic dermatitis	Innate Immunity, Microbiology, and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3372955	311	Excessive mast cell stimulation by CRH as a therapeutic target for stress-exacerbated skin and mucosal disease	Innate Immunity, Microbiology, and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3373315	312	Activation of AhR in Langerhans cells by a microbial metabolite of tryptophan maintains skin homeostasis	Innate Immunity, Microbiology, and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3373367	313	An oral decaherb formula suppressed Th2 inflammation and improved gut microbiota profile with 16S rRNA sequencing in mic	Innate Immunity, Microbiology, and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3373827	314	Dilute vinegar baths inhibit beneficial commensal skin microorganisms	Innate Immunity, Microbiology, and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3374274	315	Lipid accumulation in epidermal Langerhans cells correlate with aberrant immunofunctions in psoriasis-like inflammation	Innate Immunity, Microbiology, and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3374874	316	Dupilumab effects on the circulating ILC2 population and ILC2/3 repertoire in patients with atopic dermatitis	Innate Immunity, Microbiology, and M	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3374959	317	ADAM10 ablation leads to dysbiosis-mediated breakdown of the stem cell niche	Innate Immunity, Microbiology, and M	CM7-02	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3374998	318	Short-term exposure to Western diet (WD) predisposes mice to psoriasis-like skin and joint inflammation	Innate Immunity, Microbiology, and M	CM2-06	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3375279	319	The central role of epidermal I $\kappa$ B $\zeta$ on the antimicrobial peptide regulation interacting with IL-17C, IL-1 $\beta$ , and IL-6	Innate Immunity, Microbiology, and M	CM2-08	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3375369	320	Severity of radiation dermatitis is associated with Staphylococcus aureus nasal colonization	Innate Immunity, Microbiology, and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3375489	321	The sweat gland antimicrobial peptide dermcidin is downregulated in hidradenitis suppurativa and non-healing skin wounds b	Innate Immunity, Microbiology, and M	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3376206	322	The association of Malassezia, barrier disruption, immune dysregulation, and change of lipid metabolism with the pathogenesis	Innate Immunity, Microbiology, and M	CM7-11	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3377002	323	Neutrophils enhance cutaneous Vascular dilation and permeability to aggravate psoriasis through releasing MMP-9	Innate Immunity, Microbiology, and M	POSTER SESSION ONLY	POSTER SESSION ONLY
3377022	324	Resident neuropeptide PACAP mediates potent cell-free infection defense in tissues	Innate Immunity, Microbiology, and M	POSTER SESSION ONLY	POSTER SESSION ONLY

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3377082	325	Cutaneous group 2 innate lymphoid cells migrate to draining lymph nodes in mice with IL-33-induced atopic dermatitis-like inflammation	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3378152	326	Tetrahydrocurcumin ameliorates skin inflammation and oxidative stress and induces autophagy in mice fed a high-fat diet	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3378233	327	Staphylococcus epidermidis protease EcpA is a deleterious component of the skin microbiome in atopic dermatitis	Innate Immunity, Microbiology, and Microbiology	PLI1-02	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 PM
3378545	328	Automated analysis of nail clippings for onychomycosis using convolutional neural networks: A pilot study	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3379001	329	Cathelicidin LL-37 facilitates damage-associated molecular patterns to be bioactive substances by intermediating between scavenger receptors	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3379269	330	Pediatric microbiome in alopecia areata	Innate Immunity, Microbiology, and Microbiology	CM7-09	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3380784	331	Treponema pallidum promotes microglia ferroptosis by regulating the Sphingomyelin metabolism pathway	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3380950	332	Genetic susceptibility to Talaromyces marneffei infection	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3380970	333	Single-cell transcriptome analysis in autosomal dominant hyper IgE syndrome reveals STAT1-STAT3 imbalance in stromal cells	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3381156	334	Impact of injury-induced inflammation on ex vivo skin culture as a preclinical model for atopic dermatitis	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3381245	335	Overcoming Herpes Simplex Virus Immune Evasion Mechanisms Through Interleukin-36 Cytokines	Innate Immunity, Microbiology, and Microbiology	CM2-01	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3381671	336	Diet-induced obesity impairs the antimicrobial defense function of dermal adipocyte progenitors	Innate Immunity, Microbiology, and Microbiology	CM2-05	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3381867	337	Innate immune tolerance of the epidermis is mediated by epigenetic regulation of MAP2K3	Innate Immunity, Microbiology, and Microbiology	CM2-12	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3382203	338	Evolution of skin microbiome during puberty in individuals with acne	Innate Immunity, Microbiology, and Microbiology	CM7-06	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3383102	339	Dynamic neutrophil and T cell TNF production protects against S. aureus skin infections	Innate Immunity, Microbiology, and Microbiology	CM2-09	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3383488	340	Study on characterization and mechanism of cold stress aggravated psoriasis mouse model	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3383577	341	Age and circadian regulation of cutaneous innate antimicrobial immunity	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3383748	342	Revealing of Pattern recognition receptors mediated macrophage immune response network induced by Mycobacterium leprae	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3383894	343	Quorum Quenching: A promising and physiological microbial control strategy	Innate Immunity, Microbiology, and Microbiology	CM7-10	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3384120	344	Longitudinal changes in skin microbial populations as a function of atopic dermatitis severity	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384199	345	Effect of a balm containing rhealba® oat plantlet extract on inflammatory response in an immunocompetent epidermal model	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384222	346	Tacrolimus induced pseudo-allergic reaction via Mas-related G protein coupled receptor-X2	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384287	347	Effects of Celastrol enriched plant cell culture extract in a 3D human skin equivalent model of psoriasis	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384337	348	A case of phaeoerythromycosis caused by Corynespora cassiicola, a plant pathogen	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384366	349	S. aureus superantigens enhance viral pathogenesis of the skin epithelium	Innate Immunity, Microbiology, and Microbiology	CM2-02	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3384433	350	Histone demethylase LSD1 is required for LC embryonic development but dispensable for LC maintenance and repopulation	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384545	351	Innate lymphoid cells in the blood of untreated and dupilumab-treated patients with atopic dermatitis	Innate Immunity, Microbiology, and Microbiology	CM2-03	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3384566	352	IL-34 differentiation of immunosuppressive macrophage	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384574	353	A polylysine dendrigraft able to balance acneic and non acneic strains of Cutibacterium acnes to prevent acne and skin imperfections	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384582	354	Innate lymphoid cells in healthy and atopic skin	Innate Immunity, Microbiology, and Microbiology	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384654	355	Shifts in the skin bacterial and fungal microbiomes of healthy children transitioning through puberty	Innate Immunity, Microbiology, and Microbiology	CM7-12	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3384701	356	IL-1β induces rapid secretion of the antimicrobial protein IL-26 from Th17 cells	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384713	357	Microbiome sequencing and metagenomics analyses reveal gut dysbiosis in Alopecia Areata patients	Innate Immunity, Microbiology, and Microbiology	CM7-07	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3384824	358	Toll-like receptor 2 partially dependent phagocytosis of cutibacterium acnes: Acne-associated strains phagocytosed more than non-associated strains	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384853	359	miR17-92 cluster is required for embryonic development of Langerhans cells and dendritic epidermal T cells	Innate Immunity, Microbiology, and Microbiology	CM2-07	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3384906	360	CBFB2 is required for LC hemostasis and repopulation but not required for its embryonic development	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384920	361	Skin-induced IL-36 triggers plasma cell IgE class switching and allergic disease	Innate Immunity, Microbiology, and Microbiology	PLI-05	PLENARY SESSION I, MAY 14, 11:30 AM - 12:30 PM
3385221	362	Psoriatic fungal and bacterial microbiomes identify patient endotypes	Innate Immunity, Microbiology, and Microbiology	CM7-04	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3385233	363	Systemic sphingosine 1-phosphate receptor 2 (S1PR2) deficiency facilitates dermal neutrophil infiltration against S. aureus infection	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3385376	364	Chromatin-based small molecule screen identifies β-adrenergic agonists as selective inhibitors of interleukin-12b, and highlights a novel mechanism of action	Innate Immunity, Microbiology, and Microbiology	CM2-11	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3385724	365	The MrgprB2/X2 is regulated by the neurokinin 2 receptor in mast cells in the skin	Innate Immunity, Microbiology, and Microbiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3327719	366	Psoriasis and co-morbidity	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3337973	367	Low English proficiency is associated with decreased biologic access in psoriasis	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3338684	368	Epidemiology and clinical outcomes of 151 patients with mycosis fungoides at the Kosin University Gospel Hospital: Retrospective analysis	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3341052	369	Pregnancy outcomes in female patients with alopecia areata: A nationwide population based study in Korea	Patient Population Research	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3342094	370	Outcomes of patients with cutaneous squamous cell carcinomas treated with anti-PD1 inhibitors: A single-institution cohort study	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3348767	371	Acne patients on isotretinoin experience less psychological distress and depression symptoms compared to those oral antibiotics	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3366272	372	Antihypertensive medication use and risk of keratinocyte carcinoma	Patient Population Research	CM8-10	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3367148	373	Do less satisfied patients utilize more healthcare resources? A population study among U.S. adults with psoriasis	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3367227	374	Gender-related characterization of cutaneous sensory symptoms in Chinese with skin disorders	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3369573	375	The association between antibiotics for acne and subsequent infection sequelae and antimicrobial resistance: A systematic review	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3369698	376	Estimation of cutaneous squamous cell carcinoma incidence attributable to arsenic in U.S. water supplies	Patient Population Research	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3369729	377	The carbon impact of dermatology residency interviews	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3370062	378	Factors associated with late initiation of adjuvant radiotherapy in merkel cell carcinoma	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3370511	379	Implementing a teledermatology patient-facing mobile application in the VA	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3370671	380	Differences in topical corticosteroid prescribing patterns between primary care providers and dermatologists for atopic dermatitis	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3370863	381	Pruritus tools for 6-7-year-old children	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3371274	382	Dupilumab treatment provides continued improvements in signs and symptoms through week 100 in patients with moderate-to-severe atopic dermatitis	Patient Population Research	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3371877	383	Assessing deep learning artefact bias using global saliency	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3372183	384	Dupilumab provides early and sustained, clinically-meaningful improvements in both adults and adolescents: A post hoc analysis	Patient Population Research	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3372762	385	Complementary and alternative medicine (CAM) use in patients with cutaneous lymphoma	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3373179	386	Biomarkers of alopecia areata in blood reveal systemic immune and cardiovascular abnormalities	Patient Population Research	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3373369	387	Teledermatology-based inpatient consult rotations engender autonomy for trainees	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3373396	388	Natural history and management of basal cell nevus syndrome: Updates from the gorlin syndrome registry	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3373495	389	Treatment of actinic keratoses in veterans living with HIV	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY

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3373554	390	Atopic dermatitis and risk of major neuropsychiatric disorders: A population-based cohort study	Patient Population Research	CM8-03	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3373756	391	Antihypertensives and risk of melanoma and keratinocyte carcinoma: A systematic review and meta-analysis	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3373970	392	Temporal trends in the incidence of metastatic melanoma and utilization of immunotherapy in the United States	Patient Population Research	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3373998	393	Survival and glycemic control in patients with squamous cell carcinoma	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3374502	394	Top 50 dermatology influencers on Twitter	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3374503	395	Burden of malignant skin melanoma in Worldwide, 1990-2017: An analysis of the Global Burden of Disease Study 2017	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3374515	396	The global burden of nonmelanoma skin cancers from 1990 to 2017	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3374622	397	Long-term effectiveness of spironolactone treatment for women with acne	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3374722	398	Incidence and predictors of acne among transgender patients treated with masculinizing hormone therapy	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3374893	399	Risk of hospitalization due to infection in patients with psoriasis: A population-based cohort study using the UK Clinical Practice	Patient Population Research	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3375222	400	Rates of BCC relative to SCC are higher in younger patients, especially females	Patient Population Research	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3375354	401	Health care expenditures of psoriatic patients with and without comorbid depression	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3375374	402	Framing application site discomfort as an efficacy signal improves willingness to continue use of topical medications	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3375598	403	Capturing the severity and heterogeneity of Kaposi's Sarcoma at time of diagnosis in East Africa	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3375656	404	Physicians' ability to determine culprit drug in SJS/TEN and areas for improvement	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3375956	405	Association between cutaneous squamous cell carcinoma primary tumor anatomic site, laterality, and odds of invasion in the U	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376160	406	Development of a lightweight deep learning model for cloud diagnosis of five-category skin tumors	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376294	407	High burden of patient-reported ocular disorders and symptoms in adults with moderate-to-severe atopic dermatitis	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376306	408	Long-term treatment with dupilumab minimizes use of systemic immunosuppressants as rescue medications in adults with mo	Patient Population Research	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3376307	409	Dupilumab prevents flares in adults with moderate-to-severe atopic dermatitis in a 52-week, randomized, controlled, phase 3	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376662	410	Frequency and influence of "Not Relevant" responses on the Dermatology Life Quality Index among adults with atopic dermati	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376720	411	Implementation of a consultative teledermatology mobile application in Veterans Affairs	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376762	412	Comparisons of oral corticosteroid treatment patterns for toxicodendron dermatitis	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376769	413	Wildfire-associated air pollution impacts clinic visits for itch and atopic dermatitis	Patient Population Research	CM8-02	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3376951	414	Incidence of depression among patients with hidradenitis suppurativa	Patient Population Research	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3376960	415	The epidemiology of genital warts in the United States	Patient Population Research	CM8-05	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3377113	416	Impact of prior authorizations on dermatology patients at a large academic center	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3377366	417	Adherence to topical therapy for atopic dermatitis: Barriers and facilitators	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3377821	418	A randomized control trial of IT prevention messages for SMM	Patient Population Research	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3377954	419	Clinical characteristics and quality of life burden in aquagenic pruritus: A global questionnaire-based study	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378199	420	Melanoma in pregnancy in California, 1994-2015: A population-based study	Patient Population Research	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3378206	421	Does the provision of melanoma genetic risk information change preventative behavior?	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378247	422	Influence of climate on pediatric alopecia areata flares	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378458	423	Sebaceous carcinoma incidence among solid organ transplant recipients in the United States, 1987-2017	Patient Population Research	CM8-08	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3378490	424	Quality of life in patients with facial cutaneous lupus erythematosus	Patient Population Research	CM8-11	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3378669	425	Characteristics associated with physician-identified melanomas vs personally-identified melanomas	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378678	426	Review of acne evaluation and management published in clinical practice guidelines for gender-affirming hormone therapy	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378752	427	Leukocytoclastic vasculitis with and without IgA deposition is associated with renal damage: A case-control study	Patient Population Research	CM8-01	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3379386	428	Increased incidence of non-melanoma skin cancers among rural kidney transplant recipients	Patient Population Research	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3379410	429	Risk of keratinocyte carcinoma among patients with hidradenitis suppurativa	Patient Population Research	CM8-07	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3379558	430	Crohn's disease prevalence prior to and following hidradenitis suppurativa diagnosis	Patient Population Research	CM8-06	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3379600	431	Differences in dermatologic care for acne vulgaris patients with autism	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3379648	432	Ichthyosis affects mental health in adults and children: A cross-sectional study	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3379660	433	The practice of dermatology: Comparison of patient characteristics and healthcare delivery between dermatology and non-der	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3379871	434	Association of skin response in erythema and sclerosis with survival in chronic graft-versus-host disease	Patient Population Research	PLIII-03	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
3380504	435	The association between tobacco smoke exposure during childhood and adolescence and atopic dermatitis activity and severit	Patient Population Research	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3380535	436	Deep analysis of autoimmune blistering disease subtype and HLA associations in Chinese population	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3380635	437	Risk of second primary malignancies in Kaposi Sarcoma: A U.S. population-based study	Patient Population Research	CM8-09	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3380762	438	Characteristics of patients with palmoplantar pustulosis compared to those with psoriasis vulgaris: A claims database study	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3380830	439	Characteristics of patients with generalized pustular psoriasis compared to those with psoriasis vulgaris: A claims database stu	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3380843	440	Distinct clinical and molecular phenotypes of elderly atopic dermatitis in China	Patient Population Research	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3380903	441	Penile calciphylaxis: A retrospective analysis of ten cases	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3381124	442	Frontal fibrosing alopecia: Utilization of the Lichen Planopilaris Activity Index to assess treatment outcomes	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3381125	443	Lichen planopilaris and frontal fibrosing alopecia: A possible link with rosacea	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3381266	444	Cutaneous langerhans cell histiocytosis in adults: Clinical features, disease course, and management among patients treated at	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3381273	445	Diagnostic delay in hidradenitis suppurativa not associated with severity	Patient Population Research	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3381279	446	Validity of using the electronic health record to estimate skin cancer counts	Patient Population Research	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3381534	447	Factors associated with use of adjuvant radiotherapy in merkel cell carcinoma	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3381759	448	Challenges of securing insurance approval for oral tofacitinib treatment of alopecia areata: A multi-institutional retrospective r	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3382050	449	Characterizing a cohort of pediatric patients with hidradenitis suppurativa	Patient Population Research	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3382376	450	Risk of inflammatory bowel disease in patients with atopic dermatitis- a population based cohort study	Patient Population Research	CM8-12	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3383652	451	Clinical image identification of basal cell carcinoma and pigmented nevus based on convolutional neural networks	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3383789	452	Limited readability and accuracy of patient facing google search results for Hidradenitis Suppurativa	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3383798	453	Association of processed meat and sodium intake with atopic dermatitis in adults: A pooled analysis of three cross-sectional stu	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3383800	454	Association of night shift work with chronic spontaneous urticaria and effect modification by circadian dysfunction among wor	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY

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3383882	455	Dupilumab monotherapy improves signs, symptoms and quality of life in adult and adolescent patients with erythrodermic atopic dermatitis	Patient Population Research	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383893	456	Sleep disturbances in chronic pruritic dermatoses are associated with increased C-reactive protein levels	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384053	457	Tele dermatology service quality improvement at the Southeast Veterans' Integrated Service Network	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384073	458	Effects of text message reminders on data collection in a pragmatic study	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384090	459	Understanding the impact of psoriatic disease on mental health: Results from the National Psoriasis Foundation Annual Survey	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384091	460	Clinicopathological features of primary melanoma with TERT promoter and BRAF mutations in Chinese Uyghur and Han nationalities	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384118	461	Emojis in dermatology: Changing the faces in medicine	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384165	462	Examination of current staging systems in cutaneous squamous cell carcinoma	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384180	463	Plasma levels of IL-6 and CRP predict risk of developing psoriasis in US women	Patient Population Research	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384243	464	Treatment patterns of psoriasis by medical providers and disease severity in US women	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384384	465	Real-world risk of new onset inflammatory bowel disease among psoriasis patients exposed to interleukin 17 inhibitors	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384387	466	The relationship between atopic dermatitis and childhood symptoms of attention deficit/hyperactivity disorder: A longitudinal study	Patient Population Research	CM8-04	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
3384408	467	Neurotic excoriations: A retrospective cohort study of disease presentation, comorbidities, and treatment in 250 patients at a tertiary care center	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384456	468	Clinical characteristics, etiology, and treatment of erythema multiforme at a tertiary care center	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384632	469	Evaluating melanoma incidence and survival in the US veterans population	Patient Population Research	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384728	470	Development of a psoriasis severity score for clinical measures in a claims database	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384790	471	Risk of psoriatic arthritis in psoriasis patients on biologics and methotrexate	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384807	472	Visit complexity reflects billed level of service and documentation burden	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384820	473	Quality of life impact from skin diseases among persons living with HIV in Atlanta, Georgia	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384826	474	Single-center retrospective review of the use of checkpoint inhibitors in merkel cell carcinoma patients	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384874	475	A retrospective study of myocardial abnormalities detected on cardiac magnetic resonance imaging among patients with psoriasis	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384891	476	Utilization and impact of immunotherapy in stage IV melanoma using the National Cancer Database	Patient Population Research	PLI-02	PLENARY SESSION I, MAY 14, 11:30 AM - 12:30 PM
3384938	477	Pilot study examining blood cell count ratios as a predictor of subsequent non-melanoma skin cancers	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385013	478	Increased circulating eosinophil count and reduced pyridoxine levels in patients with chronic pruritic dermatoses	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385108	479	A retrospective review of 23 cases of pyoderma gangrenosum: Effects of comorbid conditions on treatment response	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385132	480	Health-related quality of life and economic burden of chronic pruritus	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385196	481	Is self reported dermatology matching data fake news?	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385202	482	Longitudinal cohort study of the association between atopic dermatitis and depression throughout childhood	Patient Population Research	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3385272	483	Hidradenitis suppurativa in a cohort of sixty years and older	Patient Population Research	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3385292	484	FDA cleared devices produce inconsistent platelet-rich plasma product	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385424	485	The global burden of pressure ulcers: Findings of the GBD 2017 study	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385491	486	The global burden of acne vulgaris: Results from the GBD study 2017	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3350708	487	Smoking is associated with the severity of rhododendrol-induced leukoderma and with the occurrence of leukomelanoderma	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3368174	488	Intravenous ertapenem therapy for advanced hidradenitis suppurativa	Patient-targeted Research	CM14-06	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3369393	489	Words matter: A randomized controlled study evaluating the impact of decision framing on treatment preferences in adults with psoriasis	Patient-targeted Research	CM14-05	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3370030	490	Feasibility of examining fluorescence of follicular sebum and C. acnes after pool water immersion	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3371622	491	Interim results from a comparative method validation study evaluating the use of digital photographs versus in-person assessment of psoriasis severity	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3372929	492	The usefulness of an inexpensive, battery-powered, handheld microscope in low-resource dermatologic practices	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3373516	493	A deep neural network for the early image diagnosis of Stevens-Johnson syndrome/toxic epidermal necrolysis	Patient-targeted Research	CM14-04	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3374001	494	Association of granuloma annulare with type II diabetes, cigarette smoking, and liver disease: A case-control study	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3374211	495	The impact of psoriasis and its associated comorbidities on quality of life: Results from the National Psoriasis Foundation Annual Meeting	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3375463	496	Evaluation of extracts containing red clover using dermal papilla cells in the development of a scalp treatment system targeting androgenetic alopecia	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3375664	497	Efficacy of immunotherapy in Merkel cell carcinoma patients with chronic immunosuppression	Patient-targeted Research	CM14-12	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3375813	498	Patient safety alert: Medical image manipulation as a safety hazard for wrong-site procedures	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376313	499	Long-term efficacy of secukinumab in Korean patients with moderate-to-severe plaque psoriasis in a real-world setting: A single-center retrospective study	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376509	500	Ixekizumab achieves more rapid reduction of circulating interleukin-19 compared to guselkumab in a psoriasis head-to-head study	Patient-targeted Research	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3376779	501	Trial in progress: VALO study evaluating PTX-022 in adults with moderate-to-severe pachyonychia congenita, a rare, chronically inherited skin condition	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3377990	502	Atopic dermatitis patient focused drug development and the MoreThanSkinDeep Survey	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378455	503	Outcomes of patients with cutaneous T-cell lymphoma (CTCL) treated with extracorporeal photopheresis (ECP): A single institution retrospective study	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378655	504	Deep learning empowered computer-assisted diagnosis on smartphone skin images	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378856	505	Immunostimulatory herbal supplements in patients with autoimmune skin diseases	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3379886	506	Predicting the long-term outcomes of biologics in psoriasis patients using machine learning	Patient-targeted Research	PLI-01	PLENARY SESSION I, MAY 14, 11:30 AM - 12:30 PM
3380373	507	Alternative data presentation methods: Exploring waterfall and bubble plots in psoriasis biologic clinical trials	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3380559	508	Blocking interactions between TIGIT and CD155 on the surface decreases proliferation of tumor cells in cutaneous T-cell lymphoma	Patient-targeted Research	CM14-11	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3381041	509	PIQ-C, a new PROMIS® tool, measures intensity and impact of itch on children with atopic dermatitis	Patient-targeted Research	CM14-01	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3381046	510	Successful treatment of vitiligo with cold atmospheric plasma-activated hyaluronic acid	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3381048	511	TWEAK is a critical cytokine linking vulgaris, pustular, and erythrodermic psoriasis	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3381446	512	Patient and disease characteristic predictors of systemic exposure to crisaborole	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3381543	513	Crisaborole in patients ≥3 months of age with mild-to-moderate atopic dermatitis (AD)	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3381636	514	Using design thinking to develop a decision aid for patients with psoriatic disease	Patient-targeted Research	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3381906	515	Validation of nomogram incorporating clinicopathologic factors and 31GEP test for predication of cutaneous melanoma patient outcomes	Patient-targeted Research	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3382068	516	Plasma cytokine correlations with Eczema Area and Severity Index (EASI) and Pruritus Numeric Rating Scale (NRS) in moderate-to-severe atopic dermatitis	Patient-targeted Research	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3382185	517	Leveraging CRISPR-Cas12a for the detection of human T-cell leukemia virus type 1	Patient-targeted Research	CM14-02	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3382884	518	Reported outcome measures in published Mohs micrographic surgery techniques: A systematic review	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3383137	519	Evaluating world health organization essential medicines list for dermatologic disease	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY



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3383472	520	Establishing the analytical and clinical validity of sonographic biomarkers in hidradenitis suppurativa	Patient-targeted Research	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3383728	521	An intelligent assistant diagnosis study of erythema and scaly skin diseases based on deep learning	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384013	522	Psychiatric comorbidity in patients with cutaneous T-cell lymphoma	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384058	523	Evaluation of the impact and safety of DHA-containing camouflage on the repigmentation of vitiligo: An open-label self-control	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384095	524	Evaluating the utility of post-surgical radiation for high-risk cutaneous squamous cell carcinoma in immunosuppressed patients	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384104	525	Worsening CLASI damage scores in patients with cutaneous lupus erythematosus may predict development of systemic lupus e	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384204	526	Computational modeling of two methods of histologic embedding during Mohs micrographic surgery	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384208	527	Validation of the Skindex-mini in patients with atopic dermatitis	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384211	528	Transitions in blood immune profile in atopic dermatitis from infancy to adulthood	Patient-targeted Research	CM14-09	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3384291	529	Profiling of phenotypes and plasma proteins identifies biomarkers for psoriasis severity and psoriatic arthritis	Patient-targeted Research	CM14-10	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3384355	530	A clinical comparison of photobiomodulation devices for the treatment of alopecia in all skin types	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384382	531	Impact of concomitant steroids on mogamulizumab efficacy in MAVORIC	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384457	532	Moderate to severe atopic dermatitis is associated with poor cognitive function	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384472	533	Physician assessment of alopecia areata disease severity: Results from a real-world study	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384554	534	Association of itch triggers with atopic dermatitis severity, persistence, flares and seasonality in adults	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384570	535	Vascular inflammation in severe atopic dermatitis is associated with enhanced Th2 response and high levels of endothelial mic	Patient-targeted Research	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384658	536	Comparing the Performance of Interferon Gamma Release Assays in Autoimmune Skin Diseases	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384670	537	Efgartigimod in pemphigus: Interim phase 2 results	Patient-targeted Research	CM14-03	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3384678	538	Itch-dominant atopic dermatitis: A distinct phenotype of atopic dermatitis	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384682	539	Validation of the PROMIS Itch Questionnaire – itch severity assessments in adults with atopic dermatitis	Patient-targeted Research	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384774	540	Characterizing morphea subsets using a multi-center, prospective, cross-sectional analysis of morphea in adults and children	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384848	541	Anchoring the CLASI-A, a clinical outcome assessment (COA), to the patients' perspective of their disease	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384851	542	The importance of IL-36 in palmoplantar pustulosis (PPP): An immunohistochemical analysis	Patient-targeted Research	CM14-08	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3384856	543	Clinical and demographic features of morphea patients with mucocutaneous involvement: A cross sectional study from The Mo	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384867	544	Opioid use in all-cause chronic pruritus	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384954	545	The role of IL-36 subtypes in psoriasis (PsO) and palmoplantar pustulosis (PPP)	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384957	546	Niacin-induced flushing: A dose response study	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384970	547	A variant subtype of psoriasis with a unique clinical and immunological characteristics	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385010	548	Holistic dermatology: An evidence-based review of modifiable lifestyle factors associations with dermatologic disorders	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385023	549	Measurement properties of four different patient-reported outcomes to assess sleep disturbance in adults with atopic dermati	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385084	550	Mercaptopurine-induced Sweet syndrome in Crohn's disease	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385101	551	Mid-level providers and the dermatology literature: A bibliometric analysis of trends 1973-2018	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385105	552	Patient-centered development of a digital implementation tool for integrated knowledge translation with adult atopic dermati	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385146	553	Clinical characteristics of acute graft-versus-host disease in small bowel and multi-visceral transplant recipients	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385169	554	Treg depletion syndrome: ADCC depleting antibody therapies deplete Treg and can trigger widespread immune dysregulation i	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385215	555	Practice changing landmark study- multi-institutional analysis of image guided superficial radiotherapy (IGSRT) for the treatme	Patient-targeted Research	CM14-07	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3385234	556	Safety and efficacy of leukocyte-rich platelet-rich plasma in the treatment of cicatricial alopecia	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385243	557	IL-13 production and accumulation in lesional, non-lesional and ex vivo activated skin of atopic dermatitis patients	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
338325	558	Choosing highly effective drugs (ixekizumab and other FDA-approved drugs including IL-17 and IL-23) for moderate-to-severe p	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3367609	559	Formulation and evaluation of topical products with Helianthus Annuus ozonized oil	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3367961	560	Saikosaponin A induces HEKa cell apoptosis via ROS generation	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3368384	561	Development and first-in-human characterization of a potent oral CCR4 antagonist for the treatment of atopic dermatitis	Pharmacology and Drug Development	PLII-01	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 PM
3368870	562	Biological evaluation of litchi derived products as dermatological agents	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3369285	563	ATx201 modulates biomarkers of skin barrier function and cutaneous inflammation in patients with moderate atopic dermatiti	Pharmacology and Drug Development	CM3-03	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3369998	564	Preclinical rationale for a first-in-human trial to evaluate the safety and preliminary efficacy of desmoglein 3 chimeric autoantib	Pharmacology and Drug Development	CM3-01	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3370495	565	Electrophilic nitro-fatty acids suppress psoriasisform dermatitis through STAT3 inhibition	Pharmacology and Drug Development	CM3-08	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3371400	566	Evaluation of contamination and quantification of drug penetrations studies using Quantitative Mass Spectrometry Imaging	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3372240	567	Mechanisms by which combined inhibition of BET and HDAC inhibits proliferation and induces apoptosis in CTCL	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3372849	568	Comparing molecular cutaneous improvement in atopic dermatitis with various treatment modalities facilitates personalized a	Pharmacology and Drug Development	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3373137	569	Riluzabrutinib (PRN1008) shows BTK-mediated mechanisms of action supporting clinical development for immune-mediated dis	Pharmacology and Drug Development	CM3-04	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3373261	570	Administration of nicotinamide riboside (NR) and pterostilbene (PT) to mice inhibits suppression of contact hypersensitivity (CH	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3373383	571	Quantitative ligand and receptor binding studies reveal IL-36 activation mode	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3373569	572	Pharmacokinetics and skin tolerability of intracutaneous Zolmitriptan delivery in swine using adhesive dermally applied microa	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3374028	573	Improved effect on two cases of different subtypes of prokeratosis with superficial X-ray radiotherapy	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3375394	574	To assess the antifungal activity of Jublia® under real-world conditions	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3375441	575	G217-6.02 promotes autophagy and cell death in actinic keratoses via ATM-dependent mTOR inhibition	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3375567	576	Crystal structure of sarecycline bound to the 70S bacterial ribosome reveals structural differences from other tetracyclines at a	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3375651	577	Plasma exosomal miR-375-3p regulates ferroptosis in keratinocytes by targeting lipid transporter GPX4 in SJS/TEN	Pharmacology and Drug Development	CM3-10	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3376557	578	Improved local drug delivery with bioadhesive nanoparticles in the treatment of skin cancer	Pharmacology and Drug Development	CM3-07	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3376868	579	Rationale and design for the Kallikrein Inhibitor in Netherton Syndrome (KINS) pivotal clinical trial	Pharmacology and Drug Development	CM3-02	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3377392	580	Validation of an atopic dermatitis model in mice by repeated intra-dermal challenges with ovalbumin	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3378096	581	Disulfiram plus copper synergizes with etoposide to effectively kill Merkel cell carcinoma	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3378105	582	The discovery of new therapeutic combinations for Merkel cell carcinoma by small-molecule synergy screening	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3379062	583	The evaluation of the application of glucocorticoids	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3379508	584	Ruxolitinib cream ameliorates established inflammation and chronic itch in a spontaneous preclinical model of atopic dermatit	Pharmacology and Drug Development	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM

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3379556	585	Ruxolitinib cream ameliorates preclinical models of acute and chronic dermatitis via modulation of inflammatory T-cell subsets	Pharmacology and Drug Development	CM3-09	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3379594	586	Topically administered ruxolitinib cream (JAK1/2 inhibitor) is efficacious in both in vivo rodent and human xenograft models of	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3381307	587	Investigation of omega-3 mechanisms involve in psoriatic plaque healing using a psoriatic skin model produced by tissue engine	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3382171	588	Identification of highly potent and selective Interleukin-1 receptor associated kinase 4 (IRAK4) degraders for the treatment of H	Pharmacology and Drug Development	CM3-12	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3382901	589	Effects of CCR4 antagonists in cutaneous T-cell lymphoma cells	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3382968	590	Increased psoriasis severity with obesity is associated with insufficient adiponectin-mediated regulatory T cell response	Pharmacology and Drug Development	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383040	591	Pan-caspase inhibition is a novel immunotherapeutic against MRSA skin infections in mice	Pharmacology and Drug Development	CM3-11	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3383249	592	Fabrication of steroid loaded biodegradable microneedle and evaluation of anti-inflammatory effect in atopy dermatitis model	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3383407	593	Hypersensitivity responses in skin may model inflammatory skin diseases	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3383762	594	Dynamic cytokine profiles combined with ELISPOT assay are useful in immunologically confirming the dapson hypersensitivity	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3383938	595	Differential ligand binding distinguishes therapeutic from pathologic Aryl Hydrocarbon Receptor (AHR) modulating agents: Imp	Pharmacology and Drug Development	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383967	596	Complementary sun protection of two antioxidants (OTZ and DTG) in a sunscreen emulsion based on skin release	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3383976	597	An Aquaphilus dolomiaae extract modulates cutaneous sensitivity on in vitro models of neuro-inflammation	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3383996	598	Identification of a human skin commensal bacterium that selectively kills cutibacterium acnes	Pharmacology and Drug Development	CM7-03	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3384112	599	Network-based Predictive modeling of patient response to JAK/STAT inhibitors	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384226	600	Treatment of facial flushing and erythema by carvedilol in rosacea patients with anxiety, a prospective randomized controlled c	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384289	601	Characterization of a murine model of dermatitis induced by oxazolone	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384531	602	Discovery of new olfactory receptors in human keratinocytes: A potential role on skin stress response	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384575	603	Treatment of moderate-to-severe acne with once-daily tazarotene 0.045% lotion in pediatric patients: Pooled analysis of two g	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384585	604	Genomic Engineering of Fluorescent Reporter Cell lines Using CRISPR in Human iPSCs to Enhance Drug Screening for Inflammat	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384601	605	Long-term management of moderate-to-severe plaque psoriasis: Maintenance of treatment success following cessation of half	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384710	606	Small molecule blockade of T-type calcium channels by DX416 inhibits itch and reduces corresponding inflammation in acute a	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384806	607	Targeting 14-3-3 $\epsilon$ -CDC25A interactions to trigger apoptotic cell death in skin cancer	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384844	608	Targeting CTRP-mediated proinflammatory gene transcription to treat skin inflammation	Pharmacology and Drug Development	CM3-06	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3384918	609	The topical tanning agent dihydroxyacetone induces stress response gene expression and signaling in human reconstructed ep	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3385035	610	AHR agonist RLV102 suppresses inflammation in mouse models of eczema and psoriasis	Pharmacology and Drug Development	CM3-05	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3385088	611	VAR-101 (atypical Protein Kinase C iota (aPKC) inhibitor) demonstrates dose dependent efficacy in Basal Cell Carcinoma (BCC)	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3385151	612	Inhibitors of soluble adenylyl cyclase (sAC) as a new class of non-steroidal therapeutics for Th17 mediated skin disease	Pharmacology and Drug Development	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3385181	613	Successful combination of anti-IL-7Ra and low dose of IL-2 in the treatment of alopecia areata	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3385341	614	A novel treatment for skin repair using a combination of a MR antagonist + Vitamin D3	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3385346	615	Inverse docking assisted identification of flavonols as c-Kit, CDK2 and mTOR inhibitors for melanoma and non-melanoma skin c	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3358903	616	Synergistic effect between cigarette smoke and sunlight on human keratinocytes	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3367542	617	Skin squamous cell carcinoma (SCC)-derived exosomes after ALA-PDT treatment deliver microRNA-3473 to induce M1 macroph	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3369280	618	Keratinocytes counteract UVB-induced immunosuppression in mice via HIF1a signaling	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3372143	619	308-nm excimer laser irradiation affects mast cell differentiation in organ cultured human skin	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3373576	620	UVB radiation with high photon density induces dendritic cell maturation and contributes to cutaneous immune suppression vi	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3374659	621	A novel painless ALA-PDT in the treatment of skin diseases	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3377152	622	A novel method using sensor lipid vesicles in cell free skin equivalents to investigate UV-mediated membrane damage, it's amp	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3377673	623	Macrophage depletion preserves dermal collagen in UVB exposed mice	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3378191	624	Red light emitting diode (LED) light treatment promotes memory through up-regulation of trpm4 in Zebrafish	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3379140	625	Decreased elastin intracellular degradation in human dermal fibroblasts due to chronic photodamage: Implications for the accu	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3382298	626	Solar simulated light induces cutaneous SCC in inbred mouse strains: Development of a clinically relevant mouse model	Photobiology	CM15-06	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3383023	627	UVB-generated microvesicle particles mediate systemic immunosuppression	Photobiology	CM15-01	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3383083	628	Evidence that wounding of geriatric skin which upregulates IGF-1 levels protects against both abnormal carcinogenic UVB resp	Photobiology	CM15-05	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3383770	629	The complex relationship between intrinsic and extrinsic skin aging	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3383812	630	GADD45A modulates human skin fibroblast senescence by targeting m6a methylation	Photobiology	CM15-08	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3383937	631	Beyond nucleotide excision repair: Evidence that Xeroderma pigmentosum type A protein has a role in mitochondrial ATP prod	Photobiology	CM15-02	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3384060	632	UVB induced EMT-like phenotype in keratinocytes is mediated by TLR3 activation	Photobiology	CM15-12	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3384202	633	Low-level pulsed wave red light induces type I procollagen protein and ATP production at shorter treatment times as compare	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384360	634	Photoprotective efficacy of a new sunscreen formulation SPF50+ against chronic UV-induced skin damage in an ex vivo human	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384400	635	Efficacy of a nomad SPF50+ sunscreen stick with broad spectrum protection in both UVB+A and NIR	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384515	636	Narrowband UVB (311nm) phototherapy maintains its high efficacy in psoriasis throughout repetitive treatment cycles	Photobiology	CM15-09	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3384521	637	Age and insulin-like growth factor-1 (IGF-1) status impact translesion synthesis (TLS) pathway activation in human keratinocyte	Photobiology	CM15-07	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3384535	638	Cyp11a1 derived secosteroid, 20(OH)d3 as a novel therapeutic agent for the prevention and treatment of uvb induced skin can	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384659	639	Association of clinical and demographic factors with phototherapy outcomes in patients with atopic dermatitis	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384956	640	Crispr/Cas9 deletion of TLR4 impacts the UV-induced stress response in human keratinocytes	Photobiology	CM15-03	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3385061	641	The cutaneous response to solar UV radiation is attenuated by chlorination stress originating from swimming pool disinfectant	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3385175	642	Visible light-induced phototoxic response mediated by MMP-1 in dark skin is dose dependent	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3385229	643	XPC dissociation from damaged DNA and efficient global nucleotide excision repair depend on vitamin D receptor	Photobiology	CM15-04	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3385251	644	PURA induces interferon $\kappa$ and upregulates type I interferon activity in mycosis fungoides	Photobiology	CM15-10	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3385379	645	5-(3', 4'-Dihydroxyphenyl-valerolactone) regulates DNA methylation in UVB-irradiated keratinocytes	Photobiology	CM15-11	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3316360	646	Late-stage melanoma diagnosis in New York State (NYS)	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3344738	647	Reliability and validity of the vitiligo area scoring index in a randomized, double-blind, phase 2 study	Pigmentation & Melanoma	CM16-11	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3370586	648	Association between the frequency of indoor tanning and pain among women in the United States	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3371723	649	A retrospective multicenter study of melanoma in children and adolescents	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY

3372844	650	Imiquimod spares disfiguring surgery for large facial lentigo maligna	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3373185	651	Risk factors for recurrence with topical imiquimod cream for lentigo maligna: Survival analysis with 17 years follow-up	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3373188	652	Understanding hair pigmentation at the nanoscale	Pigmentation & Melanoma	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3373858	653	The relationship between genetic mutations and clinicopathological manifestations in Korean cutaneous melanoma: A study by	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3374344	654	A physiological assay system for the preclinical testing of candidate modulators of human epidermal epidermal pigmentation	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3374520	655	$\alpha$ -MSH induces melanogenesis via up-regulation of Opsin1 in cultured human skin melanocytes in vitro	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3375492	656	GDP/GTP exchange inhibitor, FR900359, synergizes with chloroquine in GNAQ/11-mutant melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3375665	657	TGF- $\beta$ 2 upregulates OPN3 in human epidermal melanocytes independent of TGF- $\beta$ 2R in vitro	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3375997	658	Inactivating p53 is essential for nerve growth factor receptor to promote melanoma initiating cells-stemmed tumorigenesis	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3376001	659	Regulation of 3D genome organization by the STAG2 tumor suppressor in melanoma	Pigmentation & Melanoma	PLIHI-05	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
3376398	660	Dual HDAC and LSD1 inhibition as a novel strategy to overcome BRAF inhibitor resistance	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3377093	661	A20 determines the therapeutic effect of anti-PD-1 immunotherapy in melanoma	Pigmentation & Melanoma	CM16-01	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3377119	662	Targeting the $\alpha$ 9-nAChR/PD-L1 axis in antiproliferative effects of Allium cepa L. var. proliferum Regel extract on melanoma cells	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3377552	663	Lowering pH enhances the effect of topical niacinamide to improve skin tone and barrier function	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3377736	664	Oncogenic melanocyte stem cells, driven by regenerative niche signals, give rise to heterogeneous melanoma resembling human	Pigmentation & Melanoma	CM16-03	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3379021	665	Associations of BIRC2/3/5 copy number gains with clinicopathological features of acral melanomas in Taiwan	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3379952	666	Specific anti-tumor antibodies improve the efficacy of therapy in mouse models of melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3379976	667	$\beta$ 3-tubulin knockdown interferes with microtubule dynamics, cell-cycle regulation, and microvesicle release in human melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3379987	668	Ulcerated melanomas exhibit epigenetic changes in epidermal and immune response genes	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3380935	669	CD147 promotes tumorigenesis in squamous cutaneous cancer through recruiting MDSC into epidermis through CXCL1/2	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3381435	670	Pou4f1 promotes the resistance of melanoma to braf inhibitors through mek/erk pathway activation and mitf up-regulation	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3381463	671	Stress responsive protein sestrin2 contributes to vemurafenib resistance by regulating metabolic reprogramming	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3382455	672	Targeting lncRNAs AC and BX reveals their critical role in melanoma and allows to identify novel phosphor-catalytic vulnerability	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3382690	673	Semi-quantitative 5-hmC expression by immunohistochemistry is a useful adjunctive technique to help distinguish spitz nevi from	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3382931	674	The effective killing of the difficult-to-treat melanomas with the combinations of MCL1 inhibitors S63845/MIK665 plus Navitoclax	Pigmentation & Melanoma	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3382993	675	The phosphorylation of CD147 by Fyn plays a critical role in melanoma cell growth and metastasis	Pigmentation & Melanoma	CM16-04	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3383383	676	Relationship between the physical properties of skin with pigmented spots and amount of desmoglein 1 in the stratum corneum	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3383743	677	Sestrin2 contributes to vemurafenib resistance in braf mutant metastatic melanoma cells by detoxifying intracellular reactive oxygen	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3383805	678	Senescent fibroblast-derived growth differentiation factor 15 (GDF15) induces skin pigmentation	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3383999	679	HHLA2, a new member of the B7 family, is involved in human malignant melanoma progression	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384007	680	IL6/stat3 pathway drives MMP9 to promote invasion in melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384016	681	PM2.5 is an AhR agonist that upregulates melanogenesis in human melanoma cells A375	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384028	682	A systems biology approach for skin brightening, including autophagy as a critical mechanism to control pigmentation	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384119	683	Global vitiligo survey investigating treatment patterns among adult patients	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384139	684	Relative DOPA deficiency in light skin contributes to increased melanoma susceptibility	Pigmentation & Melanoma	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384157	685	Targeted degradation of CD147 proteins in melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384256	686	Characterization of an in vitro model of hair follicle melanocytes and its potential use to study hair pigmentation	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384275	687	Immunoprevention of chemical melanomagenesis through early recognition of oncogene mutations	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384280	688	Keratinocyte behaviour in normal appearing vitiligo skin	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384292	689	Anti-tumor effects and mechanism of 4'-bromo-resveratrol in a BRAFV600E/ PTENNULL melanoma mouse model	Pigmentation & Melanoma	CM16-08	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3384353	690	Re-evaluation of analogues of a potent tyrosinase inhibitor	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384356	691	Identification of RNA biomarker candidates in melanocytic tumors using digital spatial profiling	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384373	692	Using a novel p300 HAT inhibitor as epigenetic therapy to treat BRAF inhibitor-resistant melanoma cells	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384416	693	p38 signaling regulates human cutaneous metastatic melanoma (MM) invasion and MM-dependent disruption of keratinocyte	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384431	694	An epidermal model containing melanocytes for skin pigmentation and lightening studies	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384540	695	Nonclassical androgen signaling contributes to sex differences in melanoma	Pigmentation & Melanoma	CM16-06	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3384571	696	MAPK inhibition synergizes with TNF-alpha to promote the expression of STAT1, IRF-1 and MHC class I	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384635	697	A nuclear cAMP microdomain suppresses tumor growth by Hippo pathway inactivation	Pigmentation & Melanoma	CM16-02	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3384637	698	Characterizing the metabolic switch between Nascent and established melanoma metastases	Pigmentation & Melanoma	CM16-09	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3384657	699	Gene profiling of acral melanomas	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384673	700	UBE2O plays an oncogenic role in melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384722	701	Dysplastic nevi (DN) patients have high DC-HIL-expressing myeloid-derived suppressor cells (MDSC) that may confer increased	Pigmentation & Melanoma	CM16-10	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3384829	702	Malassezin: A proof of concept study documenting the efficacy of a novel microbiome-based ingredient for facial hyperpigmentation	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384880	703	Laser Capture Microdissection and genetic analysis identify dysplastic nevi as a subgroup of common nevi rather than a progressive	Pigmentation & Melanoma	CM16-05	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3384994	704	Rac1-interacting proteins are prognostic factors for melanoma survival	Pigmentation & Melanoma	CM16-12	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3385011	705	Bioluminescent identification of a novel EMT-directed experimental therapeutic blocking invasion and metastasis in human melanoma	Pigmentation & Melanoma	CM16-07	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3385046	706	Facility type and location impact survival of spindle cell melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3385072	707	MITF-mediated changes of tumor architecture, tensile stress and extracellular matrix control intratumor heterogeneity in melanoma	Pigmentation & Melanoma	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3385188	708	Interplay between MCL1R and sAC signaling cascades in the regulation of melanosome pH and pigmentation	Pigmentation & Melanoma	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3385298	709	Malassezin: A preclinical assessment of a novel microbiome-based skin lightener	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3385323	710	Vitiligo clinical and lesional molecular features associated with favorable response to NBUVB combined with topical tacrolimus	Pigmentation & Melanoma	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3385365	711	Transcriptomic Analysis of Melanoma and Adjacent Precursor Lesions Reveals a Putative Primary Cilia-Related Gene Signature	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3371813	712	Using scanning electron microscopy to elucidate the role of hair shaft malformation in the pathogenesis of Central Centrifugal	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3372589	713	Do race and ethnicity impact healthcare utilization and costs? A population study among U.S. non-melanoma skin cancer patients	Skin of Color	CM10-10	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3374366	714	Keloid patients reveal systemic immune and cardiovascular abnormalities	Skin of Color	CM10-02	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM

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3375468	715	Expectations of care among African-American Women with hair loss: A cross-sectional study	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3376549	716	Supporting diversity in skin science: Development of a summer curriculum for underrepresented minority medical students	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3377567	717	Enhanced molecular signatures in cutaneous lupus erythematosus patients support distinct pathogenic pathways in African Am	Skin of Color	PLII-03	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 PM
3378441	718	Intracellular virus sensor MDA5 exacerbates vitiligo by inducing the chemokines secretion in keratinocytes under the virus inva	Skin of Color	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3378746	719	A new free teledermatology platform effectively delivers specialist recommendations for uninsured Latino patients	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3379008	720	Homocysteine induces melanocytes apoptosis via PERK-eIF2 $\alpha$ -CHOP pathway in vitiligo	Skin of Color	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3379094	721	Abnormal autophagosome formation increased melanocyte sensitivity to H2O2-induced oxidative stress in vitiligo	Skin of Color	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3379930	722	CK2 inhibition synergizes with MAPK inhibition to overcome resistance in acral melanoma	Skin of Color	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3380262	723	Racial differences in the health-related quality of life of chronic pruritus patients	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3380915	724	Patient race affects dermatologists' assessments and treatment of psoriasis	Skin of Color	CM10-07	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3382179	725	Racial differences in the normal skin transcriptome underlie the risk of inflammatory skin diseases	Skin of Color	CM10-01	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3382370	726	Melanin content cannot predict human skin melanocyte responses post ultraviolet irradiation	Skin of Color	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383409	727	Keloids are associated with Th2, JAK3, and CCR9/CCL25 inflammation	Skin of Color	CM10-03	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3383823	728	Doctor-level multi-classification of skin diseases and a dataset for the Yellow Race	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3383986	729	Understanding the intersectional stigma of HIV-related dermatologic disorders in Kenya	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3384024	730	Salt and pepper dyspigmentation in dermatomyositis with TIF1- $\gamma$ autoantibodies	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3384224	731	Risk of C. Difficile infection among hidradenitis suppurativa patients prescribed prolonged clindamycin course	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3384268	732	Clinical efficacy analysis of narrow spectrum intense pulsed light in the treatment of acne-related erythema in Chinese patients	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3384270	733	SFRP2-expressing, COL11A1-expressing fibroblasts are the major fibroblast population within keloids	Skin of Color	CM10-11	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3384276	734	Clinical improvement in primary cicatricial alopecias following treatment with mast cell stabilizing drugs	Skin of Color	CM10-06	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3384744	735	Dermatologists' assessments and treatment of atopic dermatitis differ by patient race	Skin of Color	CM10-08	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3384783	736	Racial disparities in biologics utilization for psoriasis	Skin of Color	CM10-12	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3384857	737	Comparative transcriptomics of prurigo nodularis and atopic dermatitis in African American women identifies upregulation of c	Skin of Color	CM10-09	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3384878	738	Friend or foe: Elevated sera levels of IgM autoantibodies targeting hair follicle components detected in patients with Hidraden	Skin of Color	CM10-04	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3384942	739	Minimally invasive skin sampling is an effective approach for molecular profiling in skin of color without scarring or pigmentati	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3384976	740	IgG autoantibodies correlate with Hidradenitis Suppurativa clinical severity	Skin of Color	CM10-05	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3385250	741	Phosphodiesterase type 4 (PDE4) is expressed in keloid skin	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3385275	742	Dose-dependent effects of visible light irradiance on human skin are dependent on constitutive skin color	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3385310	743	Midkine and pleiotrophin are expressed in keloids	Skin of Color	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3343682	744	A study of skin-age analysis method using five parameters and skin characteristics of subjects using First Care Activation Serum	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3368033	745	Study of clinical and pathological features in 729 cases of nevus sebaceous	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3369100	746	The study on the role of FOXE1 in the pathogenesis of psoriasis	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3373431	747	Niche metabolic coupling promotes hair follicle stem cell activation	Skin, Appendages, and Stem Cell Biolog	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3375700	748	Induction of hTERT and hBmi1 genes extends the life span of human dermal papilla cells with hair inductive activity	Skin, Appendages, and Stem Cell Biolog	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3376775	749	A "hairy" perspective on IL-9: Regulation of human hair follicle cycling and immune privilege	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3376784	750	mTOR activity as a novel regulator of human hair follicle pigmentation	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3377037	751	A study of novel skin elasticity index using by CutiScan <sup>®</sup>	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3378460	752	Diet and the dermal white adipose tissue: analyzing shifts in the cutaneous lipid landscape in response to dietary change	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3379012	753	Protecting skin matrisome to prevent skin aging progress	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3380040	754	Particulate matter-induced atmospheric skin aging is aggravated by UVA and inhibited by a topical L-ascorbic acid compound	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3380501	755	RIP1-mediated necroptosis and melanocytes death in vitiligo	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3380524	756	Untangling G-protein-coupled receptor signaling and Creb in hair follicle homeostasis	Skin, Appendages, and Stem Cell Biolog	CM4-02	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3380541	757	Clinical efficacy of topical autophagy activator on acne-prone skin	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3380568	758	The anti-aging effect of 30 years old CAMELLIA SINENSIS ROOT EXTRACT on cultured keratinocytes and fibroblasts	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3380630	759	A simple bioengineered human skin model with atopic skin characteristics	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3380644	760	Characteristics of various bioengineered human skin models with induced senescence and decreased antioxidant defenses, in r	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3380645	761	Increased expression of RHCG in psoriatic skin lesions	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3380669	762	Impairment of ceramide biosynthesis pathway in bioengineered human skin models influences epidermal differentiation	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3381201	763	Exosomes derived from human umbilical cord mesenchymal stem cells relieve psoriasis-like skin inflammation	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3381357	764	DNA dioxygenases Tet1/2/3 control hair matrix keratinocyte differentiation and hair shaft shape via regulation of hair keratin g	Skin, Appendages, and Stem Cell Biolog	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3381666	765	Mapping distinct molecular and cellular states of hair follicle dermal niche progenitors during morphogenesis	Skin, Appendages, and Stem Cell Biolog	CM4-06	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3382313	766	Keratinocyte differentiation is coupled to mechanical cues through the LINC complex	Skin, Appendages, and Stem Cell Biolog	CM4-10	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3382607	767	Discovering the signaling pathways underlying mouse Merkel cell development using FACS-based single cell RNA-seq	Skin, Appendages, and Stem Cell Biolog	CM4-05	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3382815	768	An essential stem cell niche in the hair follicle infundibulum for epidermal homeostasis	Skin, Appendages, and Stem Cell Biolog	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383270	769	Single cell transcriptomics reveals dermal fibroblast heterogeneity and a progenitor population that shapes fibroblast heteroge	Skin, Appendages, and Stem Cell Biolog	CM4-09	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3383563	770	Molecular analysis of atopic dermatitis pathogenesis in NC/NgaTnd mice	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3383874	771	Identification of aging biomarkers in female scalp dermis: Implications for the aging hair follicle	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3383911	772	Terminal arborizations of itch-sensing neurons exhibit large receptive field in the skin and regionally specific organization in the	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3383980	773	Generation of human hair follicle organoids in vitro and ex vivo by co-culture of primary human hair matrix keratinocytes and c	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3383989	774	Extreme organization of supra-basal cells allows the building of modular feather architectures for adaptable flight	Skin, Appendages, and Stem Cell Biolog	CM4-12	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3383992	775	Hyperactivation of sympathetic nerves drives melanocyte stem cell depletion	Skin, Appendages, and Stem Cell Biolog	PLII-04	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 PM
3384079	776	Optimized Vitamin C prodrug for controlled release and antioxidant activity	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY
3384142	777	Spontaneous alopecia and delayed hair regrowth in Aire-deficient mice	Skin, Appendages, and Stem Cell Biolog	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384173	778	Identification and analysis of G-protein-coupled receptors (GPCRs) involved in the regulation of keratinocyte proliferation	Skin, Appendages, and Stem Cell Biolog	CM4-03	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3384216	779	Human perifollicular adipocytes exist in two distinct subpopulations that show hair cycle-dependent oscillations in volume, nu	Skin, Appendages, and Stem Cell Biolog	POSTER SESSION ONLY	POSTER SESSION ONLY

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3384257	780	KLf4 maintains hair follicle stem cell quiescence	Skin, Appendages, and Stem Cell Biology	CM4-01	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3384316	781	IL1 $\alpha$ , IL6, and GMCSF are Downstream Mediators of IL17A that Promote Asymmetric Stem Cell Self-Renewal in Psoriasis	Skin, Appendages, and Stem Cell Biology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384438	782	TGF $\beta$ signaling by the contractile dermal sheath controls hair follicle progenitor cell regression	Skin, Appendages, and Stem Cell Biology	CM4-07	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3384522	783	Leptin receptor marks and targets mesenchymal hair follicle niche	Skin, Appendages, and Stem Cell Biology	CM4-08	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3384561	784	Cellular heterogeneity contributes to proper spatial and temporal regulation of hair regeneration	Skin, Appendages, and Stem Cell Biology	CM4-04	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3384598	785	Phenotypic plasticity of cutaneous squamous cell carcinoma mediated by cyclooxygenase-2	Skin, Appendages, and Stem Cell Biology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384823	786	A master regulator function of hairless in skin homeostasis and immune regulation	Skin, Appendages, and Stem Cell Biology	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384985	787	Do M2 macrophages guide human skin re-innervation?	Skin, Appendages, and Stem Cell Biology	POSTER SESSION ONLY	POSTER SESSION ONLY
3385058	788	Evidence for epithelial cells in blood and bone marrow of untreated murine and human subjects	Skin, Appendages, and Stem Cell Biology	POSTER SESSION ONLY	POSTER SESSION ONLY
3385261	789	Evolution of an Engrailed 1 enhancer underlies expanded sweat gland density of humans	Skin, Appendages, and Stem Cell Biology	CM4-11	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3342527	790	Analysis of gene expressions in keloid cells with several HDAC inhibitors	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3360494	791	Promoting cutaneous wound healing with nutraceutical porcine type I collagen peptides	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3371861	792	Single cell RNA sequencing analysis of epidermal skin grafts that ameliorate wounds after hematopoietic cell transplantation in mice	Tissue Regeneration & Wound Healing	CM11-12	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3372409	793	Biphasic modulated pulsed microcurrent treatment of skin	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3373002	794	RNase L is a regeneration repressor gene	Tissue Regeneration & Wound Healing	CM11-01	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3373863	795	Bacteria induce skin regeneration	Tissue Regeneration & Wound Healing	CM7-08	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3374552	796	Effect of novel disaccharide for construction of living skin equivalents	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3375002	797	Oral epithelial regenerative transcription factor Ptx1 reprograms keratinocytes to promote cutaneous wound healing	Tissue Regeneration & Wound Healing	CM11-04	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3375027	798	Deregulated immune signature orchestrated by FOXM1 impairs human diabetic wound healing	Tissue Regeneration & Wound Healing	CM11-07	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3375452	799	Acute IL-17A production by a 3D immunocompetent psoriatic skin substitute to study the interaction between epithelial and immune cells	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3375698	800	The role of YAP/TAZ in the pathogenesis of skin fibrosis	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3376179	801	Nonmuscle myosin II activation regulates cell proliferation, cell contraction and myofibroblast differentiation in keloid-derived fibroblasts	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3376330	802	Effects of cholera toxin and isoproterenol as cAMP stimulators for a psoriatic reconstructed skin model	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3376527	803	A20 and its repressor DREAM expression govern susceptibility to fibrosis in systemic sclerosis	Tissue Regeneration & Wound Healing	CM11-10	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3377203	804	Overcoming wound healing complications of radiotherapy in breast dermal fibroblasts through the influence of pre-adipocytes	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3377802	805	TEAD1 and TEAD3 play redundant roles in the regulation of human epidermal proliferation	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3377847	806	Bioprinted skin integrates and forms epidermal rete ridges in full-thickness wounds	Tissue Regeneration & Wound Healing	CM11-03	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3377978	807	Topical type VII collagen increased elastic fiber formation, accelerated wound closure and reduced scarring of pigskin wounds	Tissue Regeneration & Wound Healing	CM11-09	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3378286	808	Recombinant T. pallidum protein TP0136 promotes the migration of fibroblasts by inducing MCP-1/CCR2 expression through signaling	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3380439	809	Acne-associated strains of Cutibacterium acnes induces significantly higher MMP-1 expression, a potent mediator of extracellular matrix degradation	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3381218	810	A new vascular senescence model	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3381908	811	Nipple fibroblasts express low levels of fibrotic inducer DPP4 and facilitate wound healing with minimal scarring	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3381997	812	Multi-view light sheet fluorescence microscopy (LSFM) for imaging cellular self-assembly in spheroids of human hair follicle dermal papilla	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3382105	813	Metabolic products of Cutibacterium acnes protect against cutaneous biofilm formation by Staphylococci	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3382137	814	Circadian Factors BMAL1 and CLOCK Control Transcriptional Innate Antiviral Immunity Programs in Response to Skin Wounding	Tissue Regeneration & Wound Healing	CM11-11	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3382308	815	Targeting GM3 synthesis improves wound healing in human diabetic skin equivalents	Tissue Regeneration & Wound Healing	CM11-08	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3382602	816	Dual LSD1/HDAC inhibition accelerates skin wound healing	Tissue Regeneration & Wound Healing	CM11-06	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3383304	817	Proliferative transit amplifying cells phagocytose dead neighbors to promote regeneration after chemo- and radio-therapeutic injury	Tissue Regeneration & Wound Healing	CM11-05	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3383697	818	Role of cutaneous opioid receptors in circadian rhythm and biological skin ageing	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3383857	819	Involvement of papillary and reticular fibroblasts in dermal angiogenesis	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3383891	820	Filling Injection of Platelet-rich Plasma Gel as A New Method to Treat En Coup de Sabre Scleroderma	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3383959	821	Effect of adiponectin-based active peptide ADP355 on TGF- $\beta$ 1-induced fibrosis in keloid	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384210	822	Caloric Restriction During Aging Alters Expression of Dermal Extracellular Matrix-Related Genes in Mice	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384295	823	Impact of elevated inflammation on fibroblast diversity and function during diabetic wound healing	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384312	824	Efficacy of engineered skin grafts vascularized with different sources of endothelial cells	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384335	825	Aquaphilus dolomiae S0, a thermal spring water active compound, showing broad repairing properties of on in vitro models of skin	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384413	826	Ultra-low profile, soft pressure sensors with wireless communication for wound healing applications	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384508	827	Live imaging of corneal regeneration reveals the bi-compartmentalized organization of the limbal stem cell niche	Tissue Regeneration & Wound Healing	CM11-02	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3384666	828	Src-family kinases enhance corneal wound healing and compensate for neurotrophic keratopathy	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384733	829	Single-cell approaches to uncover adipocyte precursor heterogeneity and differentiation mechanisms in the skin	Tissue Regeneration & Wound Healing	PLI11-04	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
3384739	830	M2 macrophages are novel key to the fibrotic resolution by cryotherapy in keloid scar treatment	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384766	831	ARHGAP29 regulates keratinocyte migration in vitro but not in vivo	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384793	832	Variability in secretion of growth factors by platelets is intrinsic to alopecia patients undergoing platelet-rich plasma therapy	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3343852	833	No detectable systemic absorption of topically applied 0.02% and 0.04% chlormethine (CL) gel in patients with mycosis-fungoides	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3346795	834	Selective depletion of senescent cells improves anti-cancer therapy in melanoma	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3369323	835	Association between an itch-free state and quality-of-life improvement following treatment with ruxolitinib cream	Translational Studies	CM5-05	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3369795	836	Calibration performance of deep neural networks for image classification declines on real-world, versus curated, test sets	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3370917	837	Micro-regional transcriptome reveals local dermal-epidermal intercorrelation in atopic dermatitis	Translational Studies	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3372014	838	A guideline improves interrater reliability of assessing leukocyte motion in vivo in human skin	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3372361	839	Spirulina stimulates inflammatory cytokine production in dermatomyositis in vitro	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3372703	840	Specific cytokine signatures characterize AD skin in different pediatric age-groups	Translational Studies	CM5-04	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3373343	841	Machine learning (ML) predictive algorithm for childhood-onset chronic pruritic dermatoses (CPD) identifies acrylamide and glyoxal as potential allergens	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3373481	842	Increased leukocyte pausing in the upper dermal microvasculature of cutaneous acute graft-versus-host disease patients by non-invasive intravital microscopy	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3373948	843	Seeing water in the skin: Hyperspectral imaging in the short-wave infrared	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3373981	844	Increased urine phthalate metabolite levels associated with eczema diagnosis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY

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3374302	845	Management of pyoderma gangrenosum in the perioperative period	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3374316	846	Association between immunocytes profiles and responses to intravenous corticosteroid pulse therapy in rapidly-progressive di	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3374750	847	Redness has higher interrater reproducibility than body surface area in measuring extent of photographed cutaneous graft-ver	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3374881	848	Clinical and immunological profiles of BP-specific IgE autoantibodies in bullous pemphigoid	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3374925	849	Development of an ex vivo rabbit eye model for bacterial conjunctivitis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3375201	850	Introducing artificial intelligence into patch testing: A deep learning approach	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3375573	851	Acetyl zingerone opposes deleterious effects of skin aging by bolstering matrisome synthesis, neutralizing oxidative stress and	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3375654	852	Natural killer cell deficiency reveals a novel immunotherapy strategy for atopic dermatitis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3375666	853	RNA-seq profiling in tape strips provides a non-invasive approach to accurately track skin biomarkers in psoriasis and atopic de	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3375810	854	Functional drug screening identifies candidate synergistic combinations for CTCL therapy	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3377092	855	Dietary grape intake protects against UV damage in humans by augmenting DNA repair	Translational Studies	CMS-12	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3377618	856	Arthritis-associated pyoderma gangrenosum: A systematic review	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3377637	857	An in vitro assay of inflammatory monocyte-keratinocyte activation predicts in vivo activity of BET inhibitors in a preclinical mo	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3377787	858	A point-of-care, real time artificial intelligence system to support clinician diagnosis of a wide range of skin diseases	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3378001	859	Molecular characterization of mucosal lichen planus	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3378043	860	Microbiome therapy of atopic dermatitis by application of rationally selected human commensal skin bacteria	Translational Studies	CM7-01	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3378143	861	Intravenous gentamicin therapy for junctional epidermolysis bullosa patients harboring nonsense mutations	Translational Studies	PLI-04	PLENARY SESSION I, MAY 14, 11:30 AM - 12:30 PM
3378214	862	Thioredoxin regenerates elastic fibers in the dermis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3378533	863	Role of STAT6 in advanced-stage cutaneous T-cell lymphoma	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3378833	864	Lesional immune cells in cutaneous acute graft-versus-host disease: A prospective cohort study	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3379310	865	Immunotherapy in advanced Merkel cell carcinoma: Frequent responses but a potentially concerning recurrence rate after the	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3379473	866	Baseline differences in circulation between early vs late responder patients with vitiligo treated with ruxolitinib cream	Translational Studies	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3380191	867	Direct mechanical measurements of skin to quantify evolution of sclerotic disease	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3380652	868	Pathogenesis based therapy improves cutaneous abnormalities in prokeratosis- a pilot study	Translational Studies	CMS-10	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3381133	869	Establishment of a model of ras oncogene induced senescence in endothelial cells	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3381469	870	Clinical and histopathologic characteristics of metastatic and locally aggressive basal cell carcinomas	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3381637	871	Continuous hair density differentiation to score extent of alopecia areas automatically	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3381833	872	IL-1 $\beta$ is a potential central mediator to Papulopustular Rosacea pathology as determined by paired transcriptomic and proteom	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3381966	873	A computational approach to automate acne lesion counting	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3382131	874	Understanding the triggers and consequences of atopic dermatitis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3382248	875	Insights into the far-reaching effects of the itchiness of atopic dermatitis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3382294	876	When itchiness is not enough: Understanding the impact of pain on experiences with atopic dermatitis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3382349	877	Quality of life among family members of patients with atopic dermatitis and psoriasis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3382879	878	Investigating T cell phenotype and function in delayed-type drug hypersensitivity reactions	Translational Studies	CMS-08	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3383142	879	Novel injectable coolant for reducing cutaneous nerve fiber density	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3383413	880	Targeted IL-17RA antagonism ameliorates histological and transcriptomic features of hidradenitis suppurativa: A proof of conce	Translational Studies	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3383452	881	Antisynthetase syndrome and dermatomyositis immunophenotyping	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3383705	882	Machine learning for measuring scratching in atopic dermatitis using a skin-mounted, soft and wireless sensor: Model selectio	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3383810	883	'DermAnnotation' is All You Need; methodology to transfer knowledges of dermatologists to artificial intelligence	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3383977	884	Treatment of Netherton syndrome patients with Ixekizumab: A case series	Translational Studies	CMS-06	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384147	885	Major producers of IFNg and CB2 receptor distribution in dermatomyositis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384163	886	Emulating IL-17 – CCL20 axis to identify surrogate markers of psoriasis using 3D psoriasis tissue model	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384171	887	Metabolomics: Unlocking the blueprint of skin aging in Caucasian and Chinese women	Translational Studies	CMS-11	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384200	888	Rapid capture, extraction, and analysis of sweat samples for quantification of inflammation biomarkers using a novel wearable	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384306	889	Interleukin-9 promotes malignant T cell survival by inhibiting oxidative stress and lactic acidosis in cutaneous T cell lymphoma	Translational Studies	CMS-03	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384314	890	Buddy relationships in dermatologic excisions: A novel one-to-one peer mentorship program for patients with skin cancer	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384377	891	Targeting the JAK/STAT3 pathway with Ruxolitinib for RDEB-cSCC therapy	Translational Studies	CMS-01	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384383	892	Differentially expressed plasma pilaris proteins in pityriasis rubra pilaris patients treated with ixekizumab	Translational Studies	CMS-07	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384386	893	Next-generation sequencing and computational modeling identifies the genomic signature of isotretinoin in acne patients	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384437	894	Molecular analysis of primary melanoma T cells identifies patients at risk for metastatic recurrence	Translational Studies	CMS-02	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384866	895	Oral glucoraphanin and curcumin supplements induce the key cytoprotective enzyme NAD(P)H dehydrogenase [quinone] 1 (NO	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384870	896	Concordance of teledermatology assessment with in-person, histopathological and laboratory results	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384883	897	Association of urine mono-benzyl phthalate levels with increased psoriasis severity	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384963	898	Endotype analysis in mucous membrane pemphigoid	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384969	899	DNA immunization prevents the onset of Alopecia Areata in C3H/HeJ mice	Translational Studies	CMS-09	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384990	900	Utilization of an oxygen-sensing bandage to distinguish cellulitis from clinical mimickers	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385038	901	Comparison of changes in serum metabolites before and after treatment with IL-17A monoclonal antibody and halomethasone	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385049	902	Assessing performance of deep neural networks used for image classification by stress testing	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385076	903	The IgG1 isotype of anti-MDA5 antibody may dominate severity of interstitial lung disease in dermatomyositis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385123	904	Fluorescence Imitating Brightfield Imaging (FIBI): A novel application of rapid, non-destructive and slide-free skin tissue imagi	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385131	905	Sex differences in the molecular cause of perioral skin wrinkling	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385159	906	Early effector T-cell densities predict response in patients with advanced Merkel cell carcinoma treated with anti-PD-1	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385182	907	RNA sequencing identifies neuroimmune dysregulation and increased Th17/22 polarization in prurigo nodularis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385199	908	IL-32 induced CD14+ APC support the long-term survival of malignant T cells in CTCL	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385274	909	Malignant T cells develop double-strand DNA breaks independent of the cell cycle in mycosis fungoides skin lesions	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY

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3385278	910	Increased eosinophils as a biomarker for therapeutic response in patients with chronic pruritus of unknown origin	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385315	911	Lebrikizumab attenuates the neuronal enhancement of pruritus through IL-13 consistent with clinical anti-itch effects observed	Translational Studies	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3385320	912	Comparative analysis of immune checkpoint molecules PD-L1 and VISTA in melanoma and cutaneous squamous cell carcinoma	Translational Studies	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3385334	913	A variant of mohs micrographic surgery: The muffin technique	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385366	914	IL-23 maintains memory CD4 T cells in skin	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY