

2020 Society for Investigative Dermatology Abstract Status Outcomes

CONTROL ID	FINAL ID	TITLE	CURRENT CATEGORY	SESSION ORDER	SESSION, DATE, TIME
3316360	646	Late-stage melanoma diagnosis in New York State (NYS)	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3325833	194	The antimicrobial peptide human beta-defensin-3 activates autophagy in human keratinocytes	Epidermal Structure and Barrier Fun	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
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
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
3338325	558	Choosing highly effective drugs (ixekizumab and other FDA-approved drugs including IL-17 and IL-23) for moder	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3338684	368	Epidemiology and clinical outcomes of 151 patients with mycosis fungoides at the Kosin University Gospel Hospo	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
3341514	195	N/TERTs replicate primary keratinocytes in barrier formation and viral infectivity	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3342094	370	Outcomes of patients with cutaneous squamous cell carcinomas treated with anti-PD1 inhibitors: A single-instit	Patient Population Research	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
3342527	790	Analysis of gene expressions in keloid cells with several HDAC inhibitors	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3343682	744	A study of skin-age analysis method using five parameters and skin characteristics of subjects using First Care Ad	Skin, Appendages, and Stem Cell Bio	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	Translational Studies	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
3346795	834	Selective depletion of senescent cells improves anti-cancer therapy in melanoma	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3348767	371	Acne patients on isotretinoin experience less psychological distress and depression symptoms compared to tho	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 leuko	Patient-targeted Research	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 secondar	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3355037	196	Relationship between the physicochemical effect of compounds on phospholipid membranes and their influenc	Epidermal Structure and Barrier Fun	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
3359994	005	Respiratory activity in psoriatic circulating T cells predicts the efficacy of apremilast	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3360494	791	Promoting cutaneous wound healing with nutraceutical porcine type I collagen peptides	Tissue Regeneration & Wound Heali	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 ar	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
3367232	197	Altered epidermal function in uninvolved skin supports a pathogenic role of epidermal dysfunction in hand ecze	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3367542	617	Skin squamous cell carcinoma (SCC)-derived exosomes after ALA-PDT treatment deliver microRNA-3473 to indu	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3367609	559	Formulation and evaluation of topical products with Helianthus Annuus ozonized oil	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3367733	006	The association of platelet activation markers, neutrophil extracellular traps and anti-mitochondrial autoantibod	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3367848	258	Mosaicism in tuberous sclerosis complex detected by genome analysis	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3367961	560	Saikosaponin A induces HEKa cell apoptosis via ROS generation	Pharmacology and Drug Developme	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
3368033	745	Study of clinical and pathological features in 729 cases of nevus sebaceous	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3368100	008	Genome-wide DNA methylation analysis in lupus keratinocytes identifies differential methylation of genes that	Adaptive and Auto-Immunity	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3368174	488	Intravenous ertapenem therapy for advanced hidradenitis suppurativa	Patient-targeted Research	CM14-06	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3368384	561	Development and first-in-human characterization of a potent oral CCR4 antagonist for the treatment of atopi	Pharmacology and Drug Developme	PLII-01	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 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
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
3368870	562	Biological evaluation of litchi derived products as dermatological agents	Pharmacology and Drug Developme	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 Bio	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 Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3369280	618	Keratinocytes counteract UVB-induced immunosuppression in mice via HIF1 $\alpha$ signaling	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3369285	563	ATx201 modulates biomarkers of skin barrier function and cutaneous inflammation in patients with moderate a	Pharmacology and Drug Developme	CM3-03	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3369323	835	Association between an itch-free state and quality-of-life improvement following treatment with ruxolitinib cre	Translational Studies	CM5-05	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3369393	489	Words matter: A randomized controlled study evaluating the impact of decision framing on treatment preferen	Patient-targeted Research	CM14-05	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3369573	375	The association between antibiotics for acne and subsequent infection sequelae and antimicrobial resistance: A	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3369661	308	Basophils mediate allergen-provoked itch in atopic dermatitis	Innate Immunity, Microbiology, and	CM2-04	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
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
3369795	836	Calibration performance of deep neural networks for image classification declines on real-world, versus curated	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3369998	564	Preclinical rationale for a first-in-human trial to evaluate the safety and preliminary efficacy of desmoglein 3 chi	Pharmacology and Drug Developme	CM3-01	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
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
3370062	378	Factors associated with late initiation of adjuvant radiotherapy in merkel cell carcinoma	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3370495	565	Electrophilic nitro-fatty acids suppress psoriasisform dermatitis through STAT3 inhibition	Pharmacology and Drug Developme	CM3-08	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3370511	379	Implementing a teledermatology patient-facing mobile application in the VA	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY

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3370517	105	Trends in the interest of indoor tanning beds internationally	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3370671	380	Differences in topical corticosteroid prescribing patterns between primary care providers and dermatologists	Patient Population Research	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
3370838	259	Coagulation factor XIII-A subunit missense mutation in the pathobiology of autosomal dominant multiple derm	Genetic Disease, Gene Regulation an	CM1-04	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3370863	381	Pruritus tools for 6-7-year-old children	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3370870	012	Topical application of caffeic acid (caffeoyl-prolyl-histidine amide;CA-PH) in cream form suppresses DNCB-induc	Adaptive and Auto-Immunity	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
3371274	382	Dupilumab treatment provides continued improvements in signs and symptoms through week 100 in patients w	Patient Population Research	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3371400	566	Evaluation of contamination and quantification of drug penetrations studies using Quantitative Mass Spectrom	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3371622	491	Interim results from a comparative method validation study evaluating the use of digital photographs versus in	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3371629	309	Dissemination of cutaneous staphylococcus aureus infection is limited by early neutrophil recruitment regulat	Innate Immunity, Microbiology, and	CM2-10	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3371723	649	A retrospective multicenter study of melanoma in children and adolescents	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 Cent	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3371861	792	Single cell RNA sequencing analysis of epidermal skin grafts that ameliorate wounds after hematopoietic cell tra	Tissue Regeneration & Wound Heali	CM11-12	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3371877	383	Assessing deep learning artefact bias using global saliency	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3372014	838	A guideline improves interrater reliability of assessing leukocyte motion in vivo in human skin	Translational Studies	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
3372183	384	Dupilumab provides early and sustained, clinically-meaningful improvements in both adults and adolescents: A	Patient Population Research	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3372205	013	Fcy receptor IIb-dependent blockade of immunoglobulin class-switch is crucial to prevent pemphigus onset in d	Adaptive and Auto-Immunity	CM12-05	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3372240	567	Mechanisms by which combined inhibition of BET and HDAC inhibits proliferation and induces apoptosis in CTC	Pharmacology and Drug Developme	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
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
3372409	793	Biphasic modulated pulsed microcurrent treatment of skin	Tissue Regeneration & Wound Heali	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 sk	Skin of Color	CM10-10	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
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
3372762	385	Complementary and alternative medicine (CAM) use in patients with cutaneous lymphoma	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3372764	199	IL-4 and IL-13 cytokines enhance steroid hormone production in the sebocyte during atopic dermatitis pathoge	Epidermal Structure and Barrier Fun	ePSII-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3372844	650	Imiquimod spares disfiguring surgery for large facial lentigo maligna	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3372849	568	Comparing molecular cutaneous improvement in atopic dermatitis with various treatment modalities facilitat	Pharmacology and Drug Developme	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3372893	106	XPC splice site founder mutation in families with xeroderma pigmentosum from Dominican Republic and Hond	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3372929	492	The usefulness of an inexpensive, battery-powered, handheld microscope in low-resource dermatologic practic	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3372937	310	Evaluation of epsom salt bath as a potential anti-staphylococcal adjunctive treatment in atopic dermatitis	Innate Immunity, Microbiology, and	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	POSTER SESSION ONLY	POSTER SESSION ONLY
3373002	794	RNase L is a regeneration repressor gene	Tissue Regeneration & Wound Heali	CM11-01	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3373137	569	Rilzabrutinib (PRN1008) shows BTK-mediated mechanisms of action supporting clinical development for immun	Pharmacology and Drug Developme	CM3-04	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
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
3373185	651	Risk factors for recurrence with topical imiquimod cream for lentigo maligna: Survival analysis with 17 years foll	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
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
3373261	570	Administration of nicotinamide riboside (NR) and pterostilbene (PT) to mice inhibits suppression of contact hyp	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3373273	200	Variation in skin barrier function among older adults in a large cohort of healthy aging	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3373286	260	Precision medicine: Exome sequencing adds complexity to genotype/phenotype correlation	Genetic Disease, Gene Regulation an	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	POSTER SESSION ONLY	POSTER SESSION ONLY
3373343	841	Machine learning (ML) predictive algorithm for childhood-onset chronic pruritic dermatoses (CPD) identifies ac	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3373367	313	An oral decaherb formula suppressed Th2 inflammation and improved gut microbiota profile with 16S rRNA seq	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3373369	387	Teledermatology-based inpatient consult rotations engender autonomy for trainees	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3373383	571	Quantitative ligand and receptor binding studies reveal IL-36 activation mode	Pharmacology and Drug Developme	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
3373431	747	Niche metabolic coupling promotes hair follicle stem cell activation	Skin, Appendages, and Stem Cell Bio	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3373481	842	Increased leukocyte pausing in the upper dermal microvasculature of cutaneous acute graft-versus-host disease	Translational Studies	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
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
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
3373569	572	Pharmacokinetics and skin tolerability of intracutaneous Zolmitriptan delivery in swine using adhesive dermally	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3373576	620	UVB radiation with high photon density induces dendritic cell maturation and contributes to cutaneous immune	Photobiology	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
3373734	261	Assessment of readthrough of premature termination codons in xeroderma pigmentosum group C patients by r	Genetic Disease, Gene Regulation an	POSTER SESSION ONLY	POSTER SESSION ONLY
3373756	391	Anti-hypertensives and risk of melanoma and keratinocyte carcinoma: A systematic review and meta-analysis	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3373827	314	Dilute vinegar baths inhibit beneficial commensal skin microorganisms	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3373858	653	The relationship between genetic mutations and clinicopathological manifestations in Korean cutaneous mel	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY

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3373863	795	Bacteria induce skin regeneration	Tissue Regeneration & Wound Heali	CM7-08	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3373910	262	UV-endonuclease and photolyase DNA repair enzymes increase cystatin gene expression after UVB induced damage	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3373948	843	Seeing water in the skin: Hyperspectral imaging in the short-wave infrared	Translational Studies	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
3373981	844	Increased urine phthalate metabolite levels associated with eczema diagnosis	Translational Studies	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
3373998	393	Survival and glycemic control in patients with squamous cell carcinoma	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3374028	573	Improved effect on two cases of different subtypes of porokeratosis with superficial X-ray radiotherapy	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3374088	017	Inflammatory monocyte-derived dendritic cells mediate autoimmunity in murine model of systemic lupus erythematosus	Adaptive and Auto-Immunity	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	Genetic Disease, Gene Regulation ar	CM1-11	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3374210	157	IL-10+ regulatory B cell migration into inflamed skin limits cutaneous inflammation	* Single Cell Transcriptomics and Cell	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	Patient-targeted Research	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-presenting	Adaptive and Auto-Immunity	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
3374239	019	Biasing of the outcome of antigen presentation by calcitonin gene-related peptide (CGRP)-exposed endothelial cells	Adaptive and Auto-Immunity	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	POSTER SESSION ONLY	POSTER SESSION ONLY
3374302	845	Management of pyoderma gangrenosum in the perioperative period	Translational Studies	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 treatment response	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3374316	846	Association between immunocytes profiles and responses to intravenous corticosteroid pulse therapy in rapidly progressive	Translational Studies	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 Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3374341	202	Activation of SIRT1 enhances epidermal permeability barrier formation through ceramide synthases 2 and 3-dependent	Epidermal Structure and Barrier Fun	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3374344	654	A physiological assay system for the preclinical testing of candidate modulators of human epidermal barrier function	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3374366	714	Keloid patients reveal systemic immune and cardiovascular abnormalities	Skin of Color	CM10-02	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3374413	111	Defining the immune tumor microenvironment in a genetic mouse model of multistep squamous cell carcinoma	Carcinogenesis and Cancer Genetics	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-cells	* Single Cell Transcriptomics and Cell	CM9-12	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
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	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
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
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
3374552	796	Effect of novel disaccharide for construction of living skin equivalents	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3374557	159	Downregulation of serum exosome miR-1305 contribute to the development of psoriasis through non-canonical pathways	* Single Cell Transcriptomics and Cell	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
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
3374622	397	Long-term effectiveness of spironolactone treatment for women with acne	Patient Population Research	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
3374665	203	IL-17A suppresses the formation of the granular layer in a human epidermis model via regulation of terminal differentiation	Epidermal Structure and Barrier Fun	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
3374750	847	Redness has higher interrater reproducibility than body surface area in measuring extent of photographed cutaneous	Translational Studies	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 Fun	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
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
3374874	316	Dupilumab effects on the circulating ILC2 population and ILC2/3 repertoire in patients with atopic dermatitis	Innate Immunity, Microbiology, and	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3374881	848	Clinical and immunological profiles of BP-specific IgE autoantibodies in bullous pemphigoid	Translational Studies	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 Biobank	Patient Population Research	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3374925	849	Development of an ex vivo rabbit eye model for bacterial conjunctivitis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3374959	317	ADAM10 ablation leads to dysbiosis-mediated breakdown of the stem cell niche	Innate Immunity, Microbiology, and	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	CM2-06	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3375002	797	Oral epithelial regenerative transcription factor Pitx1 reprograms keratinocytes to promote cutaneous wound healing	Tissue Regeneration & Wound Heali	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 Heali	CM11-07	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3375192	264	Interrogating altered enhancer landscapes to decode pathogenic changes in macrophages during chronic inflammation	Genetic Disease, Gene Regulation ar	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
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
3375279	319	The central role of epidermal Ikb $\zeta$ on the antimicrobial peptide regulation interacting with IL-17C, IL-1 $\beta$ , and IL-6	Innate Immunity, Microbiology, and	CM2-08	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3375286	160	Defining a role for CREB in hair follicle stem cell metabolism	* Single Cell Transcriptomics and Cell	POSTER SESSION ONLY	POSTER SESSION ONLY
3375354	401	Health care expenditures of psoriatic patients with and without comorbid depression	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3375369	320	Severity of radiation dermatitis is associated with Staphylococcus aureus nasal colonization	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3375374	402	Framing application site discomfort as an efficacy signal improves willingness to continue use of topical medication	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3375394	574	To assess the antifungal activity of Jublia® under real-world conditions	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3375441	575	GZ17-6.02 promotes autophagy and cell death in actinic keratoses via ATM-dependent mTOR inhibition	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY

\* The category title has been amended

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3375452	799	Acute IL-17A production by a 3D immunocompetent psoriatic skin substitute to study the interaction between	Tissue Regeneration & Wound Heali	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	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3375489	321	The sweat gland antimicrobial peptide dermcidin is downregulated in hidradenitis suppurativa and non-healing	Innate Immunity, Microbiology, and	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3375492	656	GDP/GTP exchange inhibitor, FR900359, synergizes with chloroquine in GNAQ11-mutant melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3375567	576	Crystal structure of sarecycline bound to the 70S bacterial ribosome reveals structural differences from other te	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3375573	851	Acetyl zingerone opposes deleterious effects of skin aging by bolstering matrix synthesis, neutralizing oxida	Translational Studies	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
3375651	577	Plasma exosomal miR-375-3p regulates ferroptosis in keratinocytes by targeting lipid transporter GPX4 in SJS/T	Pharmacology and Drug Developme	CM3-10	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3375654	852	Natural killer cell deficiency reveals a novel immunotherapy strategy for atopic dermatitis	Translational Studies	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
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
3375665	657	TGF-β2 upregulates OPN3 in human epidermal melanocytes independent of TGF-β2R in vitro	Pigmentation & Melanoma	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 psoriasi	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3375698	800	The role of YAP/TAZ in the pathogenesis of skin fibrosis	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3375700	748	Induction of hTERT and hBmi1 genes extends the life span of human dermal papilla cells with hair inductive acti	Skin, Appendages, and Stem Cell Bio	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3375784	161	Single-cell RNA sequencing combined with interstitial fluid proteomics defines cell-type-specific immune gene r	* Single Cell Transcriptomics and Cell	CM9-09	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3375787	205	CD100 maintains the skin barrier function and is involved in atopic dermatitis	Epidermal Structure and Barrier Fun	CM13-06	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3375789	113	Aspirin protects melanocytes and keratinocytes from UV-induced DNA damage in vivo	Carcinogenesis and Cancer Genetics	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
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
3375925	162	Single cell and spatial analysis of human squamous cell carcinoma	* Single Cell Transcriptomics and Cell	CM9-05	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3375956	405	Association between cutaneous squamous cell carcinoma primary tumor anatomic site, laterality, and odds of ir	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3375997	658	Inactivating p53 is essential for nerve growth factor receptor to promote melanoma initiating cells-stemmed tu	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3376001	659	Regulation of 3D genome organization by the STAG2 tumor suppressor in melanoma	Pigmentation & Melanoma	PLIII-05	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
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
3376058	206	Involucrin knockout mice exhibit decreased Vitamin D receptor expression and reduced Vitamin D agonist-induc	Epidermal Structure and Barrier Fun	CM13-05	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3376133	024	Environmental pollutants induce aldo-keto reductase 1C3 expression to shape prostaglandin D2 metabolism in	Adaptive and Auto-Immunity	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
3376179	801	Nonmuscle myosin II activation regulates cell proliferation, cell contraction and myofibroblast differentiation in	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3376206	322	The association of Malassezia, barrier disruption, immune dysregulation, and change of lipid metabolism with th	Innate Immunity, Microbiology, and	CM7-11	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3376261	207	Purified Cannabidiol Isolate does not appear to be anti-inflammatory in post-treated UVB or ATP NLRP Inflam	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3376294	407	High burden of patient-reported ocular disorders and symptoms in adults with moderate-to-severe atopic derm	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	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, contr	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376310	025	Extracellular vesicles induce STING-mediated proinflammatory cytokines in Dermatomycosis	Adaptive and Auto-Immunity	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	Patient-targeted Research	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 Heali	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
3376398	660	Dual HDAC and LSD1 inhibition as a novel strategy to overcome BRAF inhibitor resistance	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3376509	500	Ixekizumab achieves more rapid reduction of circulating interleukin-19 compared to guselkumab in a psoriasis h	Patient-targeted Research	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3376527	803	A20 and its repressor DREAM expression govern susceptibility to fibrosis in systemic sclerosis	Tissue Regeneration & Wound Heali	CM11-10	CONCURRENT 11, 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	CM9-02	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
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
3376549	716	Supporting diversity in skin science: Development of a summer curriculum for underrepresented minority medi	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3376557	578	Improved local drug delivery with bioadhesive nanoparticles in the treatment of skin cancer	Pharmacology and Drug Developme	CM3-07	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3376638	116	A dynamic panel of UV signature genes for risk stratification of cutaneous actinic keratosis and squamous cell ca	Carcinogenesis and Cancer Genetics	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3376662	410	Frequency and influence of "Not Relevant" responses on the Dermatology Life Quality Index among adults with	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
3376768	265	Genome-wide association study of hidradenitis suppurativa in a multi-ethnic cohort	Genetic Disease, Gene Regulation ar	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
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
3376775	749	A "hairy" perspective on IL-9: Regulation of human hair follicle cycling and immune privilege	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3376779	501	Trial in progress: VALO study evaluating PTX-022 in adults with moderate-to-severe pachyonychia congenita, a r	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3376784	750	mTOR activity as a novel regulator of human hair follicle pigmentation	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3376798	266	Trichothiodystrophy, a multisystem disorder with early onset debilitating hip degeneration	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3376811	267	Mechanisms governing epigenetic regulation of apoptosis in CTCL: Implications for therapy with methotrexate,	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3376868	579	Rationale and design for the Kallikrein Inhibitor in Netherton Syndrome (KINS) pivotal clinical trial	Pharmacology and Drug Developme	CM3-02	CONCURRENT 3, MAY 14, 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
3377002	323	Neutrophils enhance cutaneous Vascular dilation and permeability to aggravate psoriasis through releasing MM	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY

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3377022	324	Resident neuropeptide PACAP mediates potent cell-free infection defense in tissues	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3377037	751	A study of novel skin elasticity index using by CutiScan®	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3377082	325	Cutaneous group 2 innate lymphoid cells migrate to draining lymph nodes in mice with IL-33-induced atopic der	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3377092	855	Dietary grape intake protects against UV damage in humans by augmenting DNA repair	Translational Studies	CM5-12	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
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
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
3377097	117	Dysregulated m6A methyltransferase METTL3 suppresses acral melanoma proliferation and migration through g	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3377101	268	AFF1-containing super elongation complex mediates rapid switch of epidermal differentiation from repression t	Genetic Disease, Gene Regulation ar	CM1-01	CONCURRENT 1, MAY 14, 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
3377119	662	Targeting the α9-nAChR/PD-L1 axis in antiproliferative effects of Allium cepa L. var. proliferum Regel extract on	Pigmentation & Melanoma	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
3377152	622	A novel method using sensor lipid vesicles in cell free skin equivalents to investigate UV-mediated membrane d	Photobiology	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	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3377203	804	Overcoming wound healing complications of radiotherapy in breast dermal fibroblasts through the influence of	Tissue Regeneration & Wound Heali	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 i	Adaptive and Auto-Immunity	PLII-05	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 PM
3377309	208	Impaired maturation of cornified cell envelopes promote the recovery of stratum corneum permeability barrier	Epidermal Structure and Barrier Fun	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3377366	417	Adherence to topical therapy for atopic dermatitis: Barriers and facilitators	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3377392	580	Validation of an atopic dermatitis model in mice by repeated intra-dermal challenges with ovalbumin	Pharmacology and Drug Developme	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
3377567	717	Enhanced molecular signatures in cutaneous lupus erythematosus patients support distinct pathogenic pathwa	Skin of Color	PLII-03	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 PM
3377568	269	Results from the largest whole-genome sequencing study of atopic dermatitis with extensive phenotyping	Genetic Disease, Gene Regulation ar	CM1-05	CONCURRENT 1, 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	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3377673	623	Macrophage depletion preserves dermal collagen in UVB exposed mice	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3377736	664	Oncogenic melanocyte stem cells, driven by regenerative niche signals, give rise to heterogeneous melanoma re	Pigmentation & Melanoma	CM16-03	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3377787	858	A point-of-care, real time artificial intelligence system to support clinician diagnosis of a wide range of skin dise	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3377800	270	Optimizing keratinocyte differentiation from induced pluripotent stem cells for the treatment of Epidermolysis	Genetic Disease, Gene Regulation ar	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3377802	805	TEAD1 and TEAD3 play redundant roles in the regulation of human epidermal proliferation	Tissue Regeneration & Wound Heali	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
3377847	806	Bioprinted skin integrates and forms epidermal rete ridges in full-thickness wounds	Tissue Regeneration & Wound Heali	CM11-03	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3377912	118	In vivo cellular reprogramming facilitates viral T antigen-driven Merkel cell carcinoma development in adult mic	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 mid	Carcinogenesis and Cancer Genetics	CM6-05	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
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
3377973	120	A systematic review provides insight into genes mutated in metastatic SCC	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3377978	807	Topical type VII collagen increased elastic fiber formation, accelerated wound closure and reduced scarring of p	Tissue Regeneration & Wound Heali	CM11-09	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3377990	502	Atopic dermatitis patient focused drug development and the MoreThanSkinDeep Survey	Patient-targeted Research	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
3378054	209	Inducible nitric oxide synthase regulates epidermal permeability barrier homeostasis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3378096	581	Disulfiram plus copper synergizes with etoposide to effectively kill Merkel cell carcinoma	Pharmacology and Drug Developme	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 Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3378152	326	Tetrahydrocurcumin ameliorates skin inflammation and oxidative stress and induces autophagy in mice fed a hi	Innate Immunity, Microbiology, and	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
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
3378214	862	Thioredoxin regenerates elastic fibers in the dermis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3378233	327	Staphylococcus epidermidis protease EcpA is a deleterious component of the skin microbiome in atopic dermat	Innate Immunity, Microbiology, and	PLII-02	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 PM
3378247	422	Influence of climate on pediatric alopecia areata flares	Patient Population Research	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
3378286	808	Recombinant T. pallidum protein TP0136 promotes the migration of fibroblasts by inducing MCP-1/CCR2 expres	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3378306	210	Association of epidermal dysfunction and constipation in the elderly	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3378322	164	Micro RNAs enriched in exosome derived from keratinocytes under oxidative stress contributes to melanocyte	* Single Cell Transcriptomics and Cell	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 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
3378369	165	Aryl hydrocarbon receptor and autophagy-related protein LC3 expression in psoriasis	* Single Cell Transcriptomics and Cell	POSTER SESSION ONLY	POSTER SESSION ONLY
3378404	271	Mutation analysis of autosomal recessive woolly hair/ hypotrichosis in 72 Japanese patients	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3378441	718	Intracellular virus sensor MDA5 exacerbates vitiligo by inducing the chemokines secretion in keratinocytes unde	Skin of Color	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3378449	033	The role of hyaluronic acid synthase 3 in the murine contact hypersensitivity	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3378455	503	Outcomes of patients with cutaneous T-cell lymphoma (CTCL) treated with extracorporeal photopheresis (ECP)	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY

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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
3378460	752	Diet and the dermal white adipose tissue: analyzing shifts in the cutaneous lipid landscape in response to dietary	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3378533	863	Role of STAT6 in advanced-stage cutaneous T-cell lymphoma	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3378545	328	Automated analysis of nail clippings for onychomycosis using convolutional neural networks: A pilot study	Innate Immunity, Microbiology, 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 ar	CM1-10	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3378615	211	Ability of mathematical models to predict human in vivo percutaneous penetration of steroids	Epidermal Structure and Barrier Fun	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
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 hormo	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378737	212	Regulated mitochondrial fission via NIX and DRP1 in keratinocytes drives epidermal differentiation	Epidermal Structure and Barrier Fun	CM13-03	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3378746	719	A new free teledermatology platform effectively delivers specialist recommendations for uninsured Latino patie	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3378752	427	Leukocytoclastic vasculitis with and without IgA deposition is associated with renal damage: A case-control stud	Patient Population Research	CM8-01	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
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
3378826	213	Increased 11 $\beta$ -hydroxysteroid dehydrogenase type 1 contributes to the impaired barrier in aged skin	Epidermal Structure and Barrier Fun	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
3378853	273	Large scale functional inference for skin-expressing lncRNAs using expression and sequence information	Genetic Disease, Gene Regulation ar	CM1-06	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3378856	505	Immunostimulatory herbal supplements in patients with autoimmune skin diseases	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3378905	274	Biotin Is required for the zinc homeostasis in the skin	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3378942	034	Autoimmune blistering diseases accompanied with vitiligo	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3378963	035	Biogeographical differences in gene segment usage	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3379001	329	Cathelicidin LL-37 facilitates damage-associated molecular patterns to be bioactive substances by intermediatin	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3379006	036	Upregulation of miR-941 in circulating CD14 <sup>+</sup> monocytes enhances osteoclast activation via WNT16 in patients	Adaptive and Auto-Immunity	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
3379012	753	Protecting skin matrisome to prevent skin aging progress	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3379062	583	The evaluation of the application of glucocorticoids	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3379070	037	Increased incidence of breast cancer in female patients with lichen sclerosus	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3379094	721	Abnormal autophagosome formation increased melanocyte sensitivity to H2O2-induced oxidative stress in vitili	Skin of Color	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
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
3379140	625	Decreased elastin intracellular degradation in human dermal fibroblasts due to chronic photodamage: Implicati	Photobiology	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	CM9-11	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3379269	330	Pediatric microbiome in alopecia areata	Innate Immunity, Microbiology, and	CM7-09	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3379301	039	Evaluating T cell activation and polarization impact in morphea	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3379310	865	Immunotherapy in advanced Merkel cell carcinoma: Frequent responses but a potentially concerning recurrenc	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3379418	275	In-progress validation of candidate rosacea genes by targeted interrogation of alleles and assessment of rosacea	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3379473	866	Baseline differences in circulation between early vs late responder patients with vitiligo treated with ruxolitinib	Translational Studies	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3379508	584	Ruxolitinib cream ameliorates established inflammation and chronic itch in a spontaneous preclinical model of a	Pharmacology and Drug Developme	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
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
3379556	585	Ruxolitinib cream ameliorates preclinical models of acute and chronic dermatitis via modulation of inflammator	Pharmacology and Drug Developme	CM3-09	CONCURRENT 3, MAY 14, 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
3379594	586	Topically administered ruxolitinib cream (JAK1/2 inhibitor) is efficacious in both in vivo rodent and human xeno	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
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 dermatolo	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3379714	041	miR-146a regulates the interleukin-17 inflammatory response to Cutibacterium acnes in human peripheral bloo	Adaptive and Auto-Immunity	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	PLI3-03	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
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
3379908	042	Tumor neoantigens and a novel hapten vaccine promote immune targeting of wild type tumor antigens and im	Adaptive and Auto-Immunity	CM12-07	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 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
3379952	666	Specific anti-tumor antibodies improve the efficacy of therapy in mouse models of melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3379956	276	Autocrine IFN- $\kappa$ restricts CRISPR-Cas9 Keratinocyte transfection through STING-APOBEC3G activation	Genetic Disease, Gene Regulation ar	CM1-02	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3379969	043	Engineering chimeric antigen receptor (CAR) T cells for treatment of $\gamma\delta$ T cell lymphomas	Adaptive and Auto-Immunity	CM12-01	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3379976	667	$\beta$ 3-tubulin knockdown interferes with microtubule dynamics, cell-cycle regulation, and microvesicle release in h	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3379985	277	Palmo-plantar keratosis, skin fragility and pluckable hair caused by the loss of intracellular portion of DSG1: Expa	Genetic Disease, Gene Regulation ar	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
3380040	754	Particulate matter-induced atmospheric skin aging is aggravated by UVA and inhibited by a topical L-ascorbic ac	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY

\* The category title has been amended

## 2020 Society for Investigative Dermatology Abstract Status Outcomes

3380113	044	The possible role of DNA methylation in psoriasis	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3380191	867	Direct mechanical measurements of skin to quantify evolution of sclerotic disease	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3380253	045	Piglitazone, a PPAR $\gamma$ Agonist, alleviates imiquimod-induced psoriasis-like skin lesions by regulating keratinocyte	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3380262	723	Racial differences in the health-related quality of life of chronic pruritus patients	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
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
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
3380405	278	A novel deletion mutation in FERMT1 gene in a Kindler Syndrome patient and a literature review	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3380437	126	RNA-seq reveals glucose-6-phosphate dehydrogenase as an immunohistochemically and serum-detectable prog	Carcinogenesis and Cancer Genetics	ePSII-Non Melanoma Skin Cancer	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3380439	809	Acne-associated strains of Cutibacterium acnes induces significantly higher MMP-1 expression, a potent mediat	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3380501	755	RIP1-mediated necroptosis and melanocytes death in vitiligo	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3380504	435	The association between tobacco smoke exposure during childhood and adolescence and atopic dermatitis acti	Patient Population Research	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3380524	756	Untangling G-protein-coupled receptor signaling and Creb in hair follicle homeostasis	Skin, Appendages, and Stem Cell Bio	CM4-02	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3380535	436	Deep analysis of autoimmune blistering disease subtype and HLA associations in Chinese population	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3380541	757	Clinical efficacy of topical autophagy activator on acne-prone skin	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3380559	508	Blocking interactions between TIGIT and CD155 on the surface decreases proliferation of tumor cells in cutaneo	Patient-targeted Research	CM14-11	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3380568	758	The anti-aging effect of 30 years old CAMELLIA SINENSIS ROOT EXTRACT on cultured keratinocytes and fibroblas	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3380628	214	Biological effects and skin bioavailability of Aphloiol	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3380630	759	A simple bioengineered human skin model with atopic skin characteristics	Skin, Appendages, and Stem Cell Bio	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
3380644	760	Characteristics of various bioengineered human skin models with induced senescence and decreased antioxidant	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3380645	761	Increased expression of RHCG in psoriatic skin lesions	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3380652	868	Pathogenesis based therapy improves cutaneous abnormalities in porokeratosis- a pilot study	Translational Studies	CM5-10	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3380661	215	Characterization of keratinocyte lipids composition of bioengineered human epidermis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3380669	762	Impairment of ceramide biosynthesis pathway in bioengineered human skin models influences epidermal differ	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3380679	216	Predictive bioinformatic model of the consequences of FOXO3 down-regulation on skin dermal and epidermal c	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3380710	217	Optimizing night processes for skin integrity maintenance	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3380727	218	Investigating skin relaxation status via glutamate excitatory pathway modulation	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3380762	438	Characteristics of patients with palmoplantar pustulosis compared to those with psoriasis vulgaris: A claims data	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3380763	046	Effect to the adipose tissue by inflammation from sever 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
3380784	331	Treponema pallidum promotes microglia ferroptosis by regulating the Sphingomyelin metabolism pathway	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3380830	439	Characteristics of patients with generalized pustular psoriasis compared to those with psoriasis vulgaris: A claim	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
3380855	167	AHR signaling dampens inflammatory signature in neonatal skin $\gamma\delta$ T cells	* Single Cell Transcriptomics and Cell	POSTER SESSION ONLY	POSTER SESSION ONLY
3380856	219	Comprehensive microbiota analysis of oily versus normal scalp	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3380903	441	Penile calciphylaxis: A retrospective analysis of ten cases	Patient Population Research	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
3380916	127	ROCK inhibition reduces Ras-induced senescence in primary mouse keratinocytes	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3380922	048	New target identification in drug discovery: Small molecule and CRISPR phenotypic screens in the IL-17 pathway	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3380931	220	Elevated A20 Targets Caspase8 to Potentiate Keratinocyte Necroptosis in SJS/TEN	Epidermal Structure and Barrier Fun	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3380935	669	CD147 promotes tumorigenesis in squamous cutaneous cancer through recruiting MDSC into epidermis through	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3380950	332	Genetic susceptibility to Talaromyces marneffei infection	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3380970	333	Single-cell transcriptome analysis in autosomal dominant hyper IgE syndrome reveals STAT1-STAT3 imbalance in	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3380997	168	Thymic stromal lymphopoietin controls hair follicle cycling	* Single Cell Transcriptomics and Cell	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3381041	509	PIQ-C, a new PROMIS <sup>®</sup> 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 hydrogel	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
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
3381133	869	Establishment of a model of ras oncogene induced senescence in endothelial cells	Translational Studies	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	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 Bio	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
3381218	810	A new vascular senescence model	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3381245	335	Overcoming Herpes Simplex Virus Immune Evasion Mechanisms Through Interleukin-36 Cytokines	Innate Immunity, Microbiology, and	CM2-01	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3381266	444	Cutaneous langerhans cell histiocytosis in adults: Clinical features, disease course, and management among pat	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
3381307	587	Investigation of omega-3 mechanisms involve in psoriatic plaque healing using a psoriatic skin model produced	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3381357	764	DNA dioxygenases Tet1/2/3 control hair matrix keratinocyte differentiation and hair shaft shape via regulation	Skin, Appendages, and Stem Cell Bio	ePSI-Hair	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 Fun	POSTER SESSION ONLY	POSTER SESSION ONLY

\* The category title has been amended

## 2020 Society for Investigative Dermatology Abstract Status Outcomes

3381435	670	Pou4f1 promotes the resistance of melanoma to braf inhibitors through mek/erk pathway activation and mitf up	Pigmentation & Melanoma	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
3381463	671	Stress responsive protein sestrin2 contributes to vemurafenib resistance by regulating metabolic reprogramming	Pigmentation & Melanoma	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
3381483	049	Generalized pustular psoriasis (GPP) and palmoplantar pustulosis (PPP) both show upregulation of the IL-36, ne	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
3381534	447	Factors associated with use of adjuvant radiotherapy in merkel cell carcinoma	Patient Population 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
3381560	129	Naked mole rats show resistance to chemically-induced epidermal carcinogenesis associated with increased exp	Carcinogenesis and Cancer Genetics	CM6-04	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3381562	169	MrgprD-expressing neurons maintain cutaneous mast cell homeostasis	* Single Cell Transcriptomics and Cell	PLI1-02	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
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
3381637	871	Continuous hair density differentiation to score extent of alopecia areas automatically	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3381666	765	Mapping distinct molecular and cellular states of hair follicle dermal niche progenitors during morphogenesis	Skin, Appendages, and Stem Cell Bio	CM4-06	CONCURRENT 4, 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	CM2-05	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
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
3381759	448	Challenges of securing insurance approval for oral tofacitinib treatment of alopecia areata: A multi-institutional	Patient Population Research	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
3381833	872	IL-1β is a potential central mediator to Papulopustular Rosacea pathology as determined by paired transcriptom	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3381867	337	Innate immune tolerance of the epidermis is mediated by epigenetic regulation of MAP2K3	Innate Immunity, Microbiology, and	CM2-12	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3381906	515	Validation of nomogram incorporating clinopathologic factors and 31GEP test for predication of cutaneous mel	Patient-targeted Research	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3381908	811	Nipple fibroblasts express low levels of fibrotic inducer DPP4 and facilitate wound healing with minimal scarring	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3381966	873	A computational approach to automate acne lesion counting	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3381997	812	Multi-view light sheet fluorescence microscopy (LSFM) for imaging cellular self-assembly in spheroids of human	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3382021	222	Metabolomic identification of an essential glucose-IRF6 axis in differentiation	Epidermal Structure and Barrier Fun	CM13-10	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
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
3382068	516	Plasma cytokine correlations with Eczema Area and Severity Index (EASI) and Pruritus Numeric Rating Scale (NR	Patient-targeted Research	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3382098	279	A quantitative xenograft model to validate causative mutations in patients with Ehlers-Danlos Syndrome	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3382105	813	Metabolic products of Cutibacterium acnes protect against cutaneous biofilm formation by Staphylococci	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3382131	874	Understanding the triggers and consequences of atopic dermatitis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3382137	814	Circadian Factors BMAL1 and CLOCK Control Transcriptional Innate Antiviral Immunity Programs in Response to	Tissue Regeneration & Wound Heali	CM11-11	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3382171	588	Identification of highly potent and selective Interleukin-1 receptor associated kinase 4 (IRAK4) degraders for the	Pharmacology and Drug Developme	CM3-12	CONCURRENT 3, MAY 14, 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
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
3382203	338	Evolution of skin microbiome during puberty in individuals with acne	Innate Immunity, Microbiology, and	CM7-06	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
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
3382248	875	Insights into the far-reaching effects of the itchiness of atopic dermatitis	Translational Studies	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
3382271	170	Skin infection generates two distinct subgroups of CD8+ resident memory T cells	* Single Cell Transcriptomics and Cell	CM9-01	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
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
3382298	626	Solar simulated light induces cutaneous SCC in inbred mouse strains: Development of a clinically relevant mouse	Photobiology	CM15-06	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3382308	815	Targeting GM3 synthesis improves wound healing in human diabetic skin equivalents	Tissue Regeneration & Wound Heali	CM11-08	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3382313	766	Keratinocyte differentiation is coupled to mechanical cues through the LINC complex	Skin, Appendages, and Stem Cell Bio	CM4-10	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3382349	877	Quality of life among family members of patients with atopic dermatitis and psoriasis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
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
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
3382387	171	Single cell RNA sequencing to improve synthetic skin equivalents	* Single Cell Transcriptomics and Cell	CM9-08	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3382411	223	Skin barrier, inflammation, and metabolism— connections through Ovol1/Ovol2	Epidermal Structure and Barrier Fun	CM13-07	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3382455	672	Targeting lncRNAs AC and BX reveals their critical role in melanoma and allows to identify novel phosphor-catal	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3382501	224	The lipoygenase inhibitor ML355 prevents covalent adduction of the cerneocyte lipid envelope in a novel prec	Epidermal Structure and Barrier Fun	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3382516	133	The relationship between FGFR1 and mevalonate in adiposity-associated cancer: Implications of statins for cher	Carcinogenesis and Cancer Genetics	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
3382595	280	Alteration in differentiation as a novel mechanism for inherited pigmentation disorders of skin and hair	Genetic Disease, Gene Regulation ar	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3382602	816	Dual LSD1/HDAC inhibition accelerates skin wound healing	Tissue Regeneration & Wound Heali	CM11-06	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3382606	281	Differential gene expression and chromatin accessibility reveal Th17 polarization in skin-homing T cells	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3382607	767	Discovering the signaling pathways underlying mouse Merkel cell development using FACS-based single cell RN	Skin, Appendages, and Stem Cell Bio	CM4-05	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3382650	282	Larger wounds in recessive dystrophic epidermolysis bullosa patients associated with worse quality of life: Resu	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY



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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 bo	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3382690	673	Semi-quantitative 5-hmC expression by immunohistochemistry is a useful adjunctive technique to help distinguish	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3382733	060	Delivery of contact sensitizers and neurokinin 1 receptor antagonists by microneedle arrays targets different ski	Adaptive and Auto-Immunity	CM12-09	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3382790	225	Desmoglein 1 deficiency in knockout mice impairs epidermal barrier formation and results in a psoriasis-like ger	Epidermal Structure and Barrier Fun	PLIII-01	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
3382815	768	An essential stem cell niche in the hair follicle infundibulum for epidermal homeostasis	Skin, Appendages, and Stem Cell Bio	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3382841	061	Tissue DC antigen capture is selectively regulated by type II Interferon	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3382879	878	Investigating T cell phenotype and function in delayed-type drug hypersensitivity reactions	Translational Studies	CM5-08	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3382884	518	Reported outcome measures in published mohs micrographic surgery techniques: A systematic review	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3382901	589	Effects of CCR4 antagonists in cutaneous T-cell lymphoma cells	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3382909	226	Skin controls gut immune function through innate immune ECM cross talk	Epidermal Structure and Barrier Fun	CM13-01	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3382931	674	The effective killing of the difficult-to-treat melanomas with the combinations of MCL1 inhibitors S63845/MIK6	Pigmentation & Melanoma	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3382968	590	Increased psoriasis severity with obesity is associated with insufficient adiponectin-mediated regulatory T cell re	Pharmacology and Drug Developme	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 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
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
3383023	627	UVB-generated microvesicle particles mediate systemic immunosuppression	Photobiology	CM15-01	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3383037	227	Physiological function of krox20 (Egr2) in epithelial stem cells	Epidermal Structure and Barrier Fun	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3383040	591	Pan-caspase inhibition is a novel immunotherapeutic against MRSA skin infections in mice	Pharmacology and Drug Developme	CM3-11	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3383083	628	Evidence that wounding of geriatric skin which upregulates IGF-1 levels protects against both abnormal carcino	Photobiology	CM15-05	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3383102	339	Dynamic neutrophil and T cell TNF production protects against S. aureus skin infections	Innate Immunity, Microbiology, and	CM2-09	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3383137	519	Evaluating world health organization essential medicines list for dermatologic disease	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3383142	879	Novel injectable coolant for reducing cutaneous nerve fiber density	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3383249	592	Fabrication of steroid loaded biodegradable microneedle and evaluation of anti-inflammatory effect in atopy de	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3383270	769	Single cell transcriptomics reveals dermal fibroblast heterogeneity and a progenitor population that shapes fibr	Skin, Appendages, and Stem Cell Bio	CM4-09	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
3383304	817	Proliferative transit amplifying cells phagocytose dead neighbors to promote regeneration after chemo- and rad	Tissue Regeneration & Wound Heali	CM11-05	CONCURRENT 11, MAY 15, 8:45 - 11:15 AM
3383383	676	Relationship between the physical properties of skin with pigmented spots and amount of desmoglein 1 in the s	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3383407	593	Hypersensitivity responses in skin may model inflammatory skin diseases	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3383413	880	Targeted IL-17RA antagonism ameliorates histological and transcriptomic features of hidradenitis suppurativa: A	Translational Studies	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3383445	062	Hidradenitis suppurativa RNA-seq skin transcriptome overlaps with psoriasis vulgaris and reveals a marked upre	Adaptive and Auto-Immunity	ePSI-Hidradenitis Suppurativa	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3383447	063	Epithelialized 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
3383452	881	Antisynthetase syndrome and dermatomyositis immunophenotyping	Translational Studies	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
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
3383488	340	Study on characterization and mechanism of cold stress aggravated psoriasis mouse model	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3383563	770	Molecular analysis of atopic dermatitis pathogenesis in NC/NgaTnd mice	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3383570	283	Possibility of therapeutic application to autosomal dominant dystrophic epidermolysis bullosa using large deleti	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3383577	341	Age and circadian regulation of cutaneous innate antimicrobial immunity	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3383652	451	Clinical image identification of basal cell carcinoma and pigmented nevus based on convolutional neural networ	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3383677	172	Exosomal miR-381-3p from keratinocytes promotes Th1/Th17 polarization and psoriasis progression by targetin	* Single Cell Transcriptomics and Cell	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
3383693	228	Loss of EPHA2 represses GATA-3 function and causes a terminal differentiation defect	Epidermal Structure and Barrier Fun	CM13-09	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3383697	818	Role of cutaneous opioid receptors in circadian rhythm and biological skin ageing	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3383698	067	Development of allergen-specific Foxp3+ROR $\gamma$ Treg cells during allergen-specific immunotherapy	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383705	882	Machine learning for measuring scratching in atopic dermatitis using a skin-mounted, soft and wireless sensor:	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3383709	229	IRAK2 promotes abnormal epidermal differentiation during inflammatory states to facilitate and amplify immu	Epidermal Structure and Barrier Fun	CM13-11	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 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
3383731	173	Tranilast directly targets NLRP3 to protect melanocytes from keratinocyte-derived IL-1 $\beta$ under oxidative stress	* Single Cell Transcriptomics and Cell	POSTER SESSION ONLY	POSTER SESSION ONLY
3383739	284	Identification of psoriasis-protective chemokine, FAM19A5, and IL17D expression in psoriatic skin	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3383743	677	Sestrin2 contributes to vemurafenib resistance in braf mutant metastatic melanoma cells by detoxifying intrac	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3383748	342	Revealing of Pattern recognition receptors mediated macrophage immune response network induced by Myco	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3383762	594	Dynamic cytokine profiles combined with ELISPOT assay are useful in immunologically confirming the dapson	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3383770	629	The complex relationship between intrinsic and extrinsic skin ageing	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3383786	230	Loricrin is a chemopreventive structural protein required for competent anti-tumor immunity in the epidermis	Epidermal Structure and Barrier Fun	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
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 cr	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 dysfunct	Patient Population Research	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

\* The category title has been amended

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3383810	883	'DermAnnotation' is All You Need; methodology to transfer knowledges of dermatologists to artificial intelligend	Translational Studies	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
3383821	285	Genetic variants in the interleukin-2 pathway genes predict cutaneous melanoma-specific survival	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3383824	068	Lysophosphatidylcholine promotes the development of psoriasis through metabolic reprogramming	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383835	231	Analysis of corneodesmosomal proteins in nummular eczema skin	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3383853	286	Premature thymic involution and oropharyngeal blistering cause early lethality in generalized severe junctional	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3383857	819	Involvement of papillary and reticular fibroblasts in dermal angiogenesis	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3383871	174	Dermis-hair follicle communication: Extracellular microvesicles signaling for hair regeneration	* Single Cell Transcriptomics and Cell	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383874	771	Identification of aging biomarkers in female scalp dermis: Implications for the aging hair follicle	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3383882	455	Dupilumab monotherapy improves signs, symptoms and quality of life in adult and adolescent patients with ery	Patient Population Research	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383891	820	Filling Injection of Platelet-rich Plasma Gel as A New Method to Treat En Coup de Sabre Scleroderma	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3383894	343	Quorum Quenching: A promising and physiological microbial control strategy	Innate Immunity, Microbiology, and	CM7-10	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3383900	287	Secreted frizzled-related protein 5(SFRP5) inhibits the melanin synthesis of melanocytes via Wnt/ $\beta$ -catenin sign	Genetic Disease, Gene Regulation ar	CM1-03	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3383908	232	Deficiency of Wnt5a in keratinocyte does not ameliorate the imiquimod-induced psoriasis-like dermatitis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3383909	137	Decreased cytotoxic T cells, decreased cytotoxic/regulatory T-cell ratio, and decreased TCR clonality are associa	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY
3383911	772	Terminal arborizations of itch-sensing neurons exhibit large receptive field in the skin and regionally specific org	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3383912	069	The tfh-like cells in the lesion from DLE patients and in humanized DLE mouse model	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383937	631	Beyond nucleotide excision repair: Evidence that Xeroderma pigmentosum type A protein has a role in mitochro	Photobiology	CM15-02	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3383938	595	Differential ligand binding distinguishes therapeutic from pathologic Aryl Hydrocarbon Receptor (AhR) modulati	Pharmacology and Drug Developme	ePSII-Atopic Dermatitis: Therapeutics	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3383944	070	Levels of plasma total IgE and D-dimerand basophil Fc $\epsilon$ R1expressionsas potential predictors of response to autolo	Adaptive and Auto-Immunity	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 Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3383960	233	Novel chia seed extract (HyVia™) inhibits demethylation of PP2A and increases barrier repair markers, resultin	Epidermal Structure and Barrier Fun	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
3383967	596	Complementary sun protection of two antioxidants (OTZ and DTG) in a sunscreen emulsion based on skin releas	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3383969	234	The association of interleukin-36 $\gamma$ , claudin-1 and claudin-7 in psoriasis	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3383973	071	Epidermal CD147 promotes psoriasis through metabolic reprogramming and recruiting myeloid-derived suppress	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383976	597	An Aquaphilus dolomiae extract modulates cutaneous sensitivity on in vitro models of neuro-inflammation	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3383977	884	Treatment of Netherton syndrome patients with Ixekizumab: A case series	Translational Studies	CM5-06	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3383980	773	Generation of human hair follicle organoids in vitro and ex vivo by co-culture of primary human hair matrix kera	Skin, Appendages, and Stem Cell Bio	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 Fun	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
3383988	072	High-Resolution Melting – Quantitative Polymerase Chain Reaction (HRM-qPCR) detects IFI44L promoter methyl	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383989	774	Extreme organization of supra-basal cells allows the building of modular feather architectures for adaptable flig	Skin, Appendages, and Stem Cell Bio	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 Bio	PLII-04	PLENARY SESSION II, MAY 15, 11:30 AM - 12:30 PM
3383994	073	Investigation of the change in immune cell subsets in different clinical phenotypes of Henoch-Schonlein purpura	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3383996	598	Identification of a human skin commensal bacterium that selectively kills cutibacterium acnes	Pharmacology and Drug Developme	CM7-03	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
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
3384012	074	There are two isoforms of BP180 in the mouse brain	Adaptive and Auto-Immunity	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
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
3384016	681	PM2.5 is an AhR agonist that upregulates melanogenesis in human melanoma cells A375	Pigmentation & Melanoma	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
3384027	175	MrgprD-expressing peripheral sensory neurons may directly suppress mast cell function	* Single Cell Transcriptomics and Cell	POSTER SESSION ONLY	POSTER SESSION ONLY
3384028	682	A systems biology approach for skin brightening, including autophagy as a critical mechanism to control pigmen	Pigmentation & Melanoma	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
3384037	236	Celastrol enriched extract modulates Th17 key-disease mediators by interrupting feed-forward inflammation ar	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3384041	076	Increased IL-36 $\gamma$ in keratinocytes may induce epithelial-mesenchymal transition in patients with systemic sclero	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384053	457	Teledermatology service quality improvement at the Southeast Veterans' Integrated Service Network	Patient Population 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-la	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3384069	176	Comparative analysis of pruritus and intraepidermal nerve fiber density in atopic dermatitis and bullous pemph	* Single Cell Transcriptomics and Cell	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
3384079	776	Optimized Vitamin C prodrug for controlled release and antioxidant activity	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3384081	237	Evaluation of barrier properties of topical barrier formulation to common allergenic agents	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3384082	177	Glycation: Impact on skin cells' functions and ECM mechanical properties	* Single Cell Transcriptomics and Cell	POSTER SESSION ONLY	POSTER SESSION ONLY
3384090	459	Understanding the impact of psoriatic disease on mental health: Results from the National Psoriasis Foundatio	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384091	460	Clinicopathological features of primary melanoma with TERT promoter and BRAF mutations in Chinese Uygur ar	Patient Population Research	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 hu	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY

\* The category title has been amended

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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
3384098	077	RNA interference screening for novel cytokine and chemokine factors regulating HIV-1 trans-infection from dendritic cells	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384104	525	Worsening CLASI damage scores in patients with cutaneous lupus erythematosus may predict development of systemic lupus erythematosus	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384106	288	ATAC-Seq analysis reveals a widespread increase of chromatin accessibility in psoriasis	Genetic Disease, Gene Regulation and Genomics	CM1-07	CONCURRENT 1, MAY 14, 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
3384118	461	Emojis in dermatology: Changing the faces in medicine	Patient Population Research	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
3384120	344	Longitudinal changes in skin microbial populations as a function of atopic dermatitis severity	Innate Immunity, Microbiology, and Genomics	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
3384132	140	AP-1 and TGFβ 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
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
3384140	178	miR-146a and its importance in skin cell aging	* Single Cell Transcriptomics and Cell Biology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384142	777	Spontaneous alopecia and delayed hair regrowth in Aire-deficient mice	Skin, Appendages, and Stem Cell Biology	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384147	885	Major producers of IFNγ and CB2 receptor distribution in dermatomyositis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384150	142	Epidermal integrin α3β1 is essential to maintain tumor growth and promotes a tumor-supportive keratinocyte stroma	Carcinogenesis and Cancer Genetics	CM6-06	CONCURRENT 6, MAY 15, 8:45 - 11:15 AM
3384157	685	Targeted degradation of CD147 proteins in melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
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
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
3384165	462	Examination of current staging systems in cutaneous squamous cell carcinoma	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384171	887	Metabolomics: Unlocking the blueprint of skin aging in Caucasian and Chinese women	Translational Studies	CM5-11	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384173	778	Identification and analysis of G-protein-coupled receptors (GPCRs) involved in the regulation of keratinocyte proliferation	Skin, Appendages, and Stem Cell Biology	CM4-03	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
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
3384183	289	Highly efficient RNA-based reprogramming of renal epithelial cells derived from recessive dystrophic epidermolysis bullosa	Genetic Disease, Gene Regulation and Genomics	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
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
3384199	345	Effect of a balm containing rhealba® oat plantlet extract on inflammatory response in an immunocompetent epidermal model	Innate Immunity, Microbiology, and Genomics	POSTER SESSION ONLY	POSTER SESSION ONLY
3384200	888	Rapid capture, extraction, and analysis of sweat samples for quantification of inflammation biomarkers using a microfluidic platform	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384202	633	Low-level pulsed wave red light induces type I procollagen protein and ATP production at shorter treatment times	Photobiology	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
3384206	179	Inhibitory effects of peptidomimetics on neurotransmission	* Single Cell Transcriptomics and Cell Biology	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
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
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
3384216	779	Human perifollicular adipocytes exist in two distinct subpopulations that show hair cycle-dependent oscillations	Skin, Appendages, and Stem Cell Biology	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 Genomics	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
3384226	600	Treatment of facial flushing and erythema by carvedilol in rosacea patients with anxiety, a prospective randomized trial	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384243	464	Treatment patterns of psoriasis by medical providers and disease severity in US women	Patient Population Research	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
3384245	290	Development of a murine model of Sturge-Weber disease	Genetic Disease, Gene Regulation and Genomics	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
3384254	146	Global phosphoproteomic analysis of protein kinase C delta activation reveals signaling pathways involved in trichotillomania	Carcinogenesis and Cancer Genetics	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
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
3384258	080	A novel disease-associated haplotype emerges from large scale HLA association analysis in bullous pemphigoid	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
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
3384273	291	Functional characterization of ABCG6 missense variants implicated in pseudoxanthoma elasticum	Genetic Disease, Gene Regulation and Genomics	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
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
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
3384280	688	Keratinocyte behaviour in normal appearing vitiligo skin	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384281	180	VE-cadherin endocytosis controls vascular integrity and patterning during development	* Single Cell Transcriptomics and Cell Biology	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384283	147	The expression of 5-hydroxymethylcytosine, TET2 and retinoid acid receptor-β in male genital diseases	Carcinogenesis and Cancer Genetics	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 Genomics	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 Genomics	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

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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
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
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
3384298	181	A novel role for the endoplasmic reticulum in regulating desmosome dynamics and function	* Single Cell Transcriptomics and Cell Biology	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384306	889	Interleukin-9 promotes malignant T cell survival by inhibiting oxidative stress and lactic acidosis in cutaneous T cell lymphoma	Translational Studies	CM5-03	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384312	824	Efficacy of engineered skin grafts vascularized with different sources of endothelial cells	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384313	182	Dermal fibroblasts control mast cell skin reactivity	* Single Cell Transcriptomics and Cell Biology	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3384316	781	IL1 $\alpha$ , IL6, and GM-CSF are Downstream Mediators of IL17A that Promote Asymmetric Stem Cell Self-Renewal in Skin	Skin, Appendages, and Stem Cell Biology	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
3384335	825	Aquaphilus dolomiaie S0, a thermal spring water active compound, showing broad repairing properties of on in vitro skin wound healing	Tissue Regeneration & Wound Healing	POSTER SESSION ONLY	POSTER SESSION ONLY
3384337	348	A case of phaeohyphomycosis caused by <i>Corynespora cassiicola</i> , a plant pathogen	Innate Immunity, Microbiology, and Immunology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384353	690	Re-evaluation of analogues of a potent tyrosinase inhibitor	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3384356	691	Identification of RNA biomarker candidates in melanocytic tumors using digital spatial profiling	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384360	634	Photoprotective efficacy of a new sunscreen formulation SPF50+ against chronic UV-induced skin damage in an animal model	Photobiology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384366	349	<i>S. aureus</i> superantigens enhance viral pathogenesis of the skin epithelium	Innate Immunity, Microbiology, and Immunology	CM2-02	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
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
3384376	083	Linear morphea with evidence of hair regrowth	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384377	891	Targeting the JAK/STAT3 pathway with Ruxolitinib for RDEB-cSCC therapy	Translational Studies	CM5-01	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384382	531	Impact of concomitant steroids on mogamulizumab efficacy in MAVORIC	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384383	892	Differentially expressed plasma proteins in pityriasis rubra pilaris patients treated with ixekizumab	Translational Studies	CM5-07	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
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
3384386	893	Next-generation sequencing and computational modeling identifies the genomic signature of isotretinoin in actinic keratosis	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384387	466	The relationship between atopic dermatitis and childhood symptoms of attention deficit/hyperactivity disorder	Patient Population Research	CM8-04	CONCURRENT 8, MAY 15, 8:45 - 11:15 AM
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
3384408	467	Neurotic excoriations: A retrospective cohort study of disease presentation, comorbidities, and treatment in 25 patients	Patient Population Research	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
3384416	693	p38 signaling regulates human cutaneous metastatic melanoma (MM) invasion and MM-dependent disruption of the skin barrier	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384417	243	H3K9me3 methyltransferase Setdb1 and chromatin remodeling ATPase Lsh maintain constitutive heterochromatin at the H2A locus	Epidermal Structure and Barrier Function	CM13-02	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
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 dermatosis in mice	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384424	244	Protective properties of Avène thermal spring water on biomechanical, ultrastructural and clinical parameters of atopic dermatitis	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
3384431	694	An epidermal model containing melanocytes for skin pigmentation and lightening studies	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384433	350	Histone demethylase LSD1 is required for LC embryonic development but dispensable for LC maintenance and function	Innate Immunity, Microbiology, and Immunology	POSTER SESSION ONLY	POSTER SESSION ONLY
3384437	894	Molecular analysis of primary melanoma T cells identifies patients at risk for metastatic recurrence	Translational Studies	CM5-02	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
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
3384456	468	Clinical characteristics, etiology, and treatment of erythema multiforme at a tertiary care center	Patient Population 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
3384464	293	Individuals with pseudoxanthoma elasticum have a significantly increased incidence of kidney stones	Genetic Disease, Gene Regulation and Immunology	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
3384476	086	Recognition of a common bacterial phospholipid by human T cells	Adaptive and Auto-Immunity	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
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
3384494	294	Recessive mutations in AP1B1 cause ichthyosis, deafness, and blindness	Genetic Disease, Gene Regulation and Immunology	CM1-09	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
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
3384515	636	Narrowband UVB (311nm) phototherapy maintains its high efficacy in psoriasis throughout repetitive treatment	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 skin	Photobiology	CM15-07	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
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
3384531	602	Discovery of new efflux receptors in human keratinocytes: A potential role on skin stress response	Pharmacology and Drug Development	POSTER SESSION ONLY	POSTER SESSION ONLY
3384535	638	Cyp11a1 derived secosteroid, 20(OH)d3 as a novel therapeutic agent for the prevention and treatment of uvb induced skin damage	Photobiology	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
3384545	351	Innate lymphoid cells in the blood of untreated and dupilumab-treated patients with atopic dermatitis	Innate Immunity, Microbiology, and Immunology	CM2-03	CONCURRENT 2, 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 Immunology	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
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
3384566	352	IL-34 differentiation of immunosuppressive macrophage	Innate Immunity, Microbiology, and Immunology	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
3384570	535	Vascular inflammation in severe atopic dermatitis is associated with enhanced Th2 response and high levels of eicosanoids	Patient-targeted Research	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM

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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
3384574	353	A polylysine dendrigrft able to balance acneic and non acneic strains of Cutibacterium acnes to prevent acne a	Innate Immunity, Microbiology, and	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 a	Pharmacology and Drug Developme	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	CM9-07	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3384582	354	Innate lymphoid cells in healthy and atopic skin	Innate Immunity, Microbiology, and	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384583	249	Optimized low pH niacinamide formulations show a significant induction of autophagy gene expression over ne	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3384585	604	Genomic Engineering of Fluorescent Reporter Cell lines Using CRISPR in Human iPSCs to Enhance Drug Screening	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3384591	296	Recombination efficiency and expression of fibroblast-specific Cre drivers in mouse skin	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3384598	785	Phenotypic plasticity of cutaneous squamous cell carcinoma mediated by cyclooxygenase-2	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3384599	184	Wnt-induced excessive lipolysis drives fat loss in skin fibrosis	* Single Cell Transcriptomics and Cell	ePSII-Epidermal Dermal	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3384601	605	Long-term management of moderate-to-severe plaque psoriasis: Maintenance of treatment success following c	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3384618	185	Altered Celsr1 adhesion disrupts planar cell polarity and junction asymmetry	* Single Cell Transcriptomics and Cell	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 ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3384631	250	Combination of niacinamide, a tripeptide, and yeast extract show synergistic induction of autophagy and stress	Epidermal Structure and Barrier Fun	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
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
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
3384654	355	Shifts in the skin bacterial and fungal microbiomes of healthy children transitioning through puberty	Innate Immunity, Microbiology, and	CM7-12	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3384657	699	Gene profiling of acral melanomas	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
3384658	536	Comparing the Performance of Interferon Gamma Release Assays in Autoimmune Skin Diseases	Patient-targeted Research	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
3384666	828	Src-family kinases enhance corneal wound healing and compensate for neurotrophic keratopathy	Tissue Regeneration & Wound Heali	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
3384673	700	UBE2O plays an oncogenic role in melanoma	Pigmentation & Melanoma	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3384686	298	Identifying monogenic etiologies in alopecia area by integrating linkage analysis with gene-level mutation burde	Genetic Disease, Gene Regulation ar	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 ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3384692	089	Modulation of the IL-23/Th17 immune axis by enhancement of adenosine A2A receptor (A2AR) signaling allevia	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 at	Adaptive and Auto-Immunity	ePSI-Atopic Dermatitis: Biology	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384696	300	Using single cell technique to reveal the expression landscape of lncRNAs in psoriasis	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3384701	356	IL-1β induces rapid secretion of the antimicrobial protein IL-26 from Th17 cells	Innate Immunity, Microbiology, and	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	CM9-06	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3384710	606	Small molecule blockade of T-type calcium channels by DX416 inhibits itch and reduces corresponding inflamma	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3384713	357	Microbiome sequencing and metagenomics analyses reveal gut dysbiosis in Alopecia Areata patients	Innate Immunity, Microbiology, and	CM7-07	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
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
3384720	251	Skin epidermal keratinocyte differentiation-associated processes regulate homeostatic antiviral protein express	Epidermal Structure and Barrier Fun	CM13-08	CONCURRENT 13, MAY 16, 9:30 AM - 12:00 PM
3384722	701	Dysplastic nevi (DN) patients have high DC-HIL-expressing myeloid-derived suppressor cells (MDSC) that may co	Pigmentation & Melanoma	CM16-10	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 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
3384733	829	Single-cell approaches to uncover adipocyte precursor heterogeneity and differentiation mechanisms in the ski	Tissue Regeneration & Wound Heali	PLIII-04	PLENARY SESSION III, MAY 16, 8:30 AM - 9:30 AM
3384736	187	Single cell transcriptomic and microarray analysis reveals the dynamic landscape of acne lesion	* Single Cell Transcriptomics and Cell	CM9-03	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3384739	830	M2 macrophages are novel key to the fibrotic resolution by cryotherapy in keloid scar treatment	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3384742	188	scRNA-seq and RNA-seq for Stiff Skin Syndrome identify pericytes as a key pathogenic cell population and aven	* Single Cell Transcriptomics and Cell	CM9-10	CONCURRENT 9, 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
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
3384765	252	Targeting Multiple Hallmarks of Skin Aging through Growth Factors	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3384766	831	ARHGAP29 regulates keratinocyte migration in vitro but not in vivo	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3384774	540	Characterizing morphea subsets using a multi-center, prospective, cross-sectional analysis of morphea in adults	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3384783	736	Racial disparities in biologics utilization for psoriasis	Skin of Color	CM10-12	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3384789	253	RNA-seq profiling of tape strips from infants with atopic dermatitis show profound barrier and immune abnorm	Epidermal Structure and Barrier Fun	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
3384793	832	Variability in secretion of growth factors by platelets is intrinsic to alopecia patients undergoing platelet-rich pla	Tissue Regeneration & Wound Heali	POSTER SESSION ONLY	POSTER SESSION ONLY
3384794	254	AKR1B10 inhibition in keratinocytes as a strategy to improve retinaldehyde efficacy and increase endogenous a	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY
3384796	189	The effect of niacinamide on the communication between sensory neurons and skin cells	* Single Cell Transcriptomics and Cell	POSTER SESSION ONLY	POSTER SESSION ONLY
3384800	255	Keratinocytes isolated from dark or light pigmented skin showed different degrees of tight junction impairment	Epidermal Structure and Barrier Fun	ePSI-Keratinocytes	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384806	607	Targeting 14-3-3ε-CDC25A interactions to trigger apoptotic cell death in skin cancer	Pharmacology and Drug Developme	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
3384812	151	Linear basal cell nevus with a novel mosaic PTCH1 mutation	Carcinogenesis and Cancer Genetics	POSTER SESSION ONLY	POSTER SESSION ONLY

\* The category title has been amended

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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
3384823	786	A master regulator function of hairless in skin homeostasis and immune regulation	Skin, Appendages, and Stem Cell Bio	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384824	358	Toll-like receptor 2 partially dependent phagocytosis of cutibacterium acnes: Acne-associated strains phagocytosis	Innate Immunity, Microbiology, and	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
3384829	702	Malassezin: A proof of concept study documenting the efficacy of a novel microbiome-based ingredient for facial	Pigmentation & Melanoma	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
3384844	608	Targeting CTBP-mediated proinflammatory gene transcription to treat skin inflammation	Pharmacology and Drug Developme	CM3-06	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
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
3384853	359	miR17-92 cluster is required for embryonic development of Langerhans cells and dendritic epidermal T cells	Innate Immunity, Microbiology, and	CM2-07	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
3384856	543	Clinical and demographic features of morphea patients with mucocutaneous involvement: A cross sectional study	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3384857	737	Comparative transcriptomics of prurigo nodularis and atopic dermatitis in African American women identifies unique	Skin of Color	CM10-09	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3384866	895	Oral glucoraphanin and curcumin supplements induce the key cytoprotective enzyme NAD(P)H dehydrogenase 1	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3384867	544	Opioid use in all-cause chronic pruritus	Patient-targeted Research	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
3384874	475	A retrospective study of myocardial abnormalities detected on cardiac magnetic resonance imaging among patients with	Patient Population Research	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
3384878	738	Friend or foe: Elevated sera levels of IgM autoantibodies targeting hair follicle components detected in patients with	Skin of Color	CM10-04	CONCURRENT 10, MAY 15, 8:45 - 11:15 AM
3384879	093	Comparison of skin autoimmune diseases by single-cell RNA sequencing	Adaptive and Auto-Immunity	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	Pigmentation & Melanoma	CM16-05	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
3384883	897	Association of urine mono-benzyl phthalate levels with increased psoriasis severity	Translational Studies	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
3384899	190	Highly efficient, massively-parallel single-cell RNA-seq analysis of leprosy skin lesions identifies IL-1 $\beta$ as a key regulator	* Single Cell Transcriptomics and Cell	POSTER SESSION ONLY	POSTER SESSION ONLY
3384906	360	CBF $\beta$ 2 is required for LC hemostasis and repopulation but not required for its embryonic development	Innate Immunity, Microbiology, 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
3384918	609	The topical tanning agent dihydroxyacetone induces stress response gene expression and signaling in human keratinocytes	Pharmacology and Drug Developme	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	PLI-05	PLENARY SESSION I, MAY 14, 11:30 AM - 12:30 PM
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
3384931	094	Molecular and cellular characteristics of nummulid eczema	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3384942	739	Minimally invasive skin sampling is an effective approach for molecular profiling in skin of color without scarring	Skin of Color	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
3384948	191	Single-cell transcriptomic analysis of immune cells in mouse alopecia areata revealed a disease dominant CD8+ T cell	* Single Cell Transcriptomics and Cell	ePSI-Hair	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3384950	096	Antigen-specific immunosuppression by Treg for vitiligo	Adaptive and Auto-Immunity	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
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
3384957	546	Niacin-induced flushing: A dose response study	Patient-targeted Research	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	CM5-09	CONCURRENT 5, MAY 14, 8:45 - 11:15 AM
3384970	547	A variant subtype of psoriasis with a unique clinical and immunological characteristics	Patient-targeted Research	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
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 reveals	Adaptive and Auto-Immunity	POSTER SESSION ONLY	POSTER SESSION ONLY
3384985	787	Do M2 macrophages guide human skin re-innervation?	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3384990	900	Utilization of an oxygen-sensing bandage to distinguish cellulitis from clinical mimickers	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
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
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
3385010	548	Holistic dermatology: An evidence-based review of modifiable lifestyle factors associations with dermatologic disease	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385011	705	Bioluminescent identification of a novel EMT-directed experimental therapeutic blocking invasion and metastasis	Pigmentation & Melanoma	CM16-07	CONCURRENT 16, MAY 16, 9:30 AM - 12:00 PM
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
3385017	192	Super-resolution imaging of desmosome architecture during assembly and maturation	* Single Cell Transcriptomics and Cell	POSTER SESSION ONLY	POSTER SESSION ONLY
3385023	549	Measurement properties of four different patient-reported outcomes to assess sleep disturbance in adults with	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385035	610	AHR agonist RLV102 suppresses inflammation in mouse models of eczema and psoriasis	Pharmacology and Drug Developme	CM3-05	CONCURRENT 3, MAY 14, 8:45 - 11:15 AM
3385038	901	Comparison of changes in serum metabolites before and after treatment with IL-17A monoclonal antibody and	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385046	706	Facility type and location impact survival of spindle cell melanoma	Pigmentation & Melanoma	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
3385054	099	Competition for active TGF $\beta$ eliminates bystander CD8+ TRM from the epidermal niche	Adaptive and Auto-Immunity	CM12-08	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3385058	788	Evidence for epithelial cells in blood and bone marrow of untreated murine and human subjects	Skin, Appendages, and Stem Cell Bio	POSTER SESSION ONLY	POSTER SESSION ONLY
3385061	641	The cutaneous response to solar UV radiation is attenuated by chlorination stress originating from swimming pool	Photobiology	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

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3385072	707	MITF-mediated changes of tumor architecture, tensile stress and extracellular matrix control intratumor hetero	Pigmentation & Melanoma	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
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
3385082	193	Single cell RNA-seq in mouse alopecia areata identifies a unique subset of Arg1+ M2-like macrophages associate	* Single Cell Transcriptomics and Cell	CM9-04	CONCURRENT 9, MAY 15, 8:45 - 11:15 AM
3385084	550	Mercaptopurine-induced Sweet syndrome in Crohn's disease	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385088	611	VAR-101 (atypical Protein Kinase C iota (aPKC <i>ι</i> ) inhibitor) demonstrates dose dependent efficacy in Basal Cell Ca	Pharmacology and Drug Developme	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	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385108	479	A retrospective review of 23 cases of pyoderma gangrenosum: Effects of comorbid conditions on treatment res	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385116	303	Allele specific accessibility analysis to decipher molecular mechanism of psoriasis-associated loci	Genetic Disease, Gene Regulation ar	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3385123	904	Fluorescence Imitating Brightfield Imaging (FIBI): A novel application of rapid, non-destructive and slide-free ski	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
3385132	480	Health-related quality of life and economic burden of chronic pruritus	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385139	304	Type VII collagen NC2 domain expression differentiates severe from milder recessive dystrophic epidermolysis	Genetic Disease, Gene Regulation ar	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
3385151	612	Inhibitors of soluble adenylyl cyclase (sAC) as a new class of non-steroidal therapeutics for Th17 mediated skin d	Pharmacology and Drug Developme	ePSII-Psoriasis	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3385159	906	Early effector T-cell densities predict response in patients with advanced Merkel cell carcinoma treated with an	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
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
3385169	554	Treg depletion syndrome: ADCC depleting antibody therapies deplete Treg and can trigger widespread immune	Patient-targeted Research	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
3385181	613	Successful combination of anti-IL-7Ra and low dose of IL-2 in the treatment of alopecia areata	Pharmacology and Drug Developme	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
3385187	305	In vivo correction of recessive dystrophic epidermolysis bullosa (RDEB) by direct cutaneous COL7A1 gene replac	Genetic Disease, Gene Regulation ar	CM1-12	CONCURRENT 1, MAY 14, 8:45 - 11:15 AM
3385188	708	Interplay between MC1R 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
3385196	481	Is self reported dermatology matching data fake news?	Patient Population Research	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
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
3385200	101	Engineering the skin with microneedle arrays to induce immune tolerance	Adaptive and Auto-Immunity	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
3385215	555	Practice changing landmark study- multi-institutional analysis of image guided superficial radiotherapy (IGSRT) f	Patient-targeted Research	CM14-07	CONCURRENT 14, MAY 16, 9:30 AM - 12:00 PM
3385221	362	Psoriatic fungal and bacterial microbiomes identify patient endotypes	Innate Immunity, Microbiology, and	CM7-04	CONCURRENT 7, MAY 15, 8:45 - 11:15 AM
3385225	306	Topical QR-313, an Antisense Oligonucleotide, in the Treatment of Dystrophic Epidermolysis Bullosa	Genetic Disease, Gene Regulation ar	POSTER SESSION ONLY	POSTER SESSION ONLY
3385226	102	Have FOXP3, will travel: Human Treg preferentially recirculate and suppress the activation of skin resident effec	Adaptive and Auto-Immunity	CM12-06	CONCURRENT 12, MAY 16, 9:30 AM - 12:00 PM
3385229	643	XPC dissociation from damaged DNA and efficient global nucleotide excision repair depend on vitamin D recept	Photobiology	CM15-04	CONCURRENT 15, MAY 16, 9:30 AM - 12:00 PM
3385233	363	Systemic sphingosine 1-phosphate receptor 2 (S1PR2) deficiency facilitates dermal neutrophil infiltration agains	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
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 patie	Patient-targeted Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385250	741	Phosphodiesterase type 4 (PDE4) is expressed in keloid skin	Skin of Color	POSTER SESSION ONLY	POSTER SESSION ONLY
3385251	644	PUVA 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
3385261	789	Evolution of an Engrailed 1 enhancer underlies expanded sweat gland density of humans	Skin, Appendages, and Stem Cell Bio	CM4-11	CONCURRENT 4, MAY 14, 8:45 - 11:15 AM
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
3385274	909	Malignant T cells develop double-strand DNA breaks independent of the cell cycle in mycosis fungoides skin lesi	Translational Studies	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
3385278	910	Increased eosinophils as a biomarker for therapeutic response in patients with chronic pruritus of unknown orig	Translational Studies	POSTER SESSION ONLY	POSTER SESSION ONLY
3385292	484	FDA cleared devices produce inconsistent platelet-rich plasma product	Patient Population Research	POSTER SESSION ONLY	POSTER SESSION ONLY
3385298	709	Malassezin: A preclinical assessment of a novel microbiome-based skin lightner	Pigmentation & Melanoma	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
3385315	911	Lebrikizumab attenuates the neuronal enhancement of pruritus through IL-13 consistent with clinical anti-itch e	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	Translational Studies	ePSI-Melanoma	e-POSTER SESSION I, MAY 14, 5:30 - 6:30 PM
3385323	710	Vitiligo clinical and lesional molecular features associated with favorable response to NBUBV combined with top	Pigmentation & Melanoma	ePSII-Pigmentation	e-POSTER SESSION II, MAY 15, 5:30 - 6:30 PM
3385334	913	A variant of mohs micrographic surgery: The muffin technique	Translational Studies	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 Developme	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-m	Pharmacology and Drug Developme	POSTER SESSION ONLY	POSTER SESSION ONLY
3385365	711	Transcriptomic Analysis of Melanoma and Adjacent Precursor Lesions Reveals a Putative Primary Cilia-Related G	Pigmentation & Melanoma	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
3385376	364	Chromatin-based small molecule screen identifies $\beta$ -adrenergic agonists as selective inhibitors of interleukin-12	Innate Immunity, Microbiology, and	CM2-11	CONCURRENT 2, MAY 14, 8:45 - 11:15 AM
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
3385421	307	Safety and clinical effects of systemic allogeneic UCB-MSCs therapy for patients with RDEB	Genetic Disease, Gene Regulation ar	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
3385724	365	The MrgprB2/X2 is regulated by the neurokinin 2 receptor in mast cells in the skin	Innate Immunity, Microbiology, and	POSTER SESSION ONLY	POSTER SESSION ONLY
3385822	256	Treatment of Netherton syndrome with dupilumab	Epidermal Structure and Barrier Fun	POSTER SESSION ONLY	POSTER SESSION ONLY

\* The category title has been amended