Photobiology

Dupilumab in adolescents with moderate-to-severe atopic dermatitis and a history of inadequate response, or intolerance to cyclosporin

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Growth Factors, Cell Adhesion and Migration

Alterations in stem cell self-renewal in aged human epidermis

KB104: an HSV-based gene therapy vector engineered to deliver functional SPINK5 for the treatment of Netherton Syndrome

CONCURRENT 17, MAY 11, 10:00 AM - 12:30 PM

Photobiology

CD44 expression on leukocytes is dynamically regulated by ECRG4

Addressing the missing components for appropriate surveillance of Merkel cell carcinoma patients: Detailed recurrence data and an integ

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Tissue Regeneration and Wound Healing

Translational Studies

A novel dermal hyaluronidase (Cemip) controls reactive adipogenesis and innate immune defense against S. aureusinfection

SELECTED ePOSTER DISCUSSION I, MAY 9, 11:15 AM - 12:15 PM

Adaptive and Auto-Immunity

Interventional Studies, Clinical and Preclinical

Mucosal-associated invariant T (MAIT) cell-derived IL-17A and IL-17F production is IL-23-independent and biased towards IL-17F

Translational Studies

Personalized treatment of cutaneous T-cell lymphoma through application of a targeted next generation sequencing panel

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Genetic Disease, Gene Regulation and Function

Laminin alpha 5 in skin microvascular endothelial cell function and angiogenesis

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Tissue Regeneration and Wound Healing

Knockout of mTOR/Akt inhibitor REDD1 results in hair cycle-independent dermal adipose expansion by promoting adipocyte differentiation

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Upadacitinib treatment of atopic dermatitis patients leads to reductions in epidermal hyperplasia and cellular infiltrates

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Skin, Appendages, and Stem Cell Biology

Dynamic regulation of sebaceous gland stem cells during skin homeostasis and aging

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Retrospective analysis of a subset of human repeat insult patch tests conducted by the Research Institute for Fragrance Materials over the
Targeting p38α and p38δ kinases differentially modulates responses to cisplatin and EGFR inhibitor therapies in human squamous cell cancer
Adaptive and Auto-Immunity
Unique expression of a fibronectin isoform in mycosis fungoides
Carcinogenesis and Cancer Genetics
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Carcinogenesis and Cancer Genetics
Heterogeneity of CNV in primary acral subtype melanoma
Adaptive and Auto-Immunity
An in vitro model of immunotherapy-tolerant melanoma persister cells
Revealing a common, yet novel cutaneous squamous cell carcinoma driver mutation hidden in the photodamaged skin genome
Cancer immune control requires interferon- dependent activation of the p16Ink4a senescence signaling pathways
Increased T follicular helper-like cells and tertiary lymphoid structures in the skin lesions of discoid lupus erythematosus
Carcinogenesis and Cancer Genetics
Carcinogenesis and Cancer Genetics
Digital droplet PCR assays for the detection of leukemia mutations in a xeroderma pigmentosum patient with mixed phenotype acute leukemia
Adaptive and Auto-Immunity
Mosaic RASopathies associated with rhabdomyosarcoma
Suppression of p38α promotes fibroblast-led human squamous cell carcinoma (SCC) invasion through p38δ-dependent mechanism
Identification of T cell receptor α and β chains responsible for AA pathogenesis via single cell TCR sequencing
Dissecting the keratinocyte lineage of basal cell carcinoma using single cell RNA sequencing
Metformin as adjuvant in PDT in squamous cell carcinoma
Increased PD-L1 and CD47 expression in high-risk cutaneous squamous cell carcinomas
Cutaneous T-cell lymphoma is genetically and clonotypically heterogeneous
CXCR6 is ubiquitously expressed by human skin TRM and may support TRM persistence
Targeting the skin microenvironment for effective non-viral DNA immunization
Anatomic distribution of cutaneous melanoma in patients with and without germline CDKN2A and CDK4 mutations
Genetic alterations in cutaneous squamous cell carcinoma arising in immunocompromised patients: a review of the current literature
Precision RNA-sequencing of squamous cell carcinoma in situ identifies therapeutic targets
Uncharacterized protein RED1 is required for epidermal differentiation and suppression of cancer invasion
Triggering immortalized keratinocyte growth arrest by protein kinase C delta activation
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Suppression of very long chain fatty acids as an early marker of skin carcinogenesis
Transcriptomic profiling of tumor infiltrating cells in cutaneous squamous cell carcinoma using single-cell RNA sequencing
Single-cell RNA sequencing of RS1-activated NCR1+ NK cells
Retrospective analysis of a subset of human repeat insult patch tests conducted by the Research Institute for Fragrance Materials over the
543 Novel surgical approach for management of cutaneous neurofibroma in patients with neurofibromatosis type 1

544 Utility of PROMIS I tich in dermatology

545 Pain is a distinct and burdensome symptom of atopic dermatitis in US adults.

547 Effectiveness of statin use in the treatment of atopic dermatitis

548 Serine protease activities in the stratum corneum of patients with atopic dermatitis are associated with the pathogenesis and the severity of disease.

551 Nail-like appearance: characteristic features of hair fraction cadavericum and nevirapine

554 A pilot study of interferon-gamma release assays in autoimmune skin disease patients: A prospective study

558 Adherence to over-the-counter antimicrobial washes in hidradenitis suppurativa patients

559 Higher skin disease scores distinguish patients who progress from cutaneous lupus erythematosus to systemic lupus erythematosus

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578 Pain is a distinct and burdensome symptom of atopic dermatitis in US adults.

579 Prevention of atopnic dermatitis using emollients for 6 months - Follow up for 24 months

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590 Global sex differences in initial treatment for genital extramammary Paget’s disease - a systematic review

591 Stigma of psoriasis: Patient perspectives

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594 Opinions and practices of primary care physicians managing psoriasis

595 Global sex differences in initial treatment for genital extramammary Paget’s disease - a systematic review

596 Measuring implementation of store-and-forward teledermatology in Department of Veterans Affairs

597 Using social media sites for dermatology residency recruitment: Are we there yet?

598 Using social media mining as a tool to capture & analyze millions of psoriasis patients’ description of disease manifestation, outcomes to treatment, and more

599 Impact of atopic dermatitis and other atopic conditions on overall quality of life and health utility scores in US adult patients

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604 Clinical efficacy and safety of using minocycline in the treatment of unstable vitiligo

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606 The role of diet in patients with autoimmune blistering disease: A survey of the International Pemphigus and Pemphigoid Foundation

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608 A clinical study to test the efficacy of V81953 in cldamycin non-responder acne patients with antibiotic-resistant P. acnes

609 Oral Sandalwood®, a specific OR2AT4-stimulating odorant, ameliorates female telogen effluvium: Randomized, double-blind, placebo-controlled study

610 Phyllis rubra rilif (PRP) treated with secukinumab: Interim analysis of an open-label trial

611 Development, validation and interpretation of the PROMIS I tich Questionnaire: a patient-reported outcome measure for the burden of itch

612 DaiSight analysis of Ritsu’s dermatitis treated by long-term use ofque cream and emollient

613 Investigating the efficacy and safety of topical vibration anesthesia to reduce pain from cosmetic botulinum toxin A injections in China

614 Dupilumab: Efficacy and safety of dupilumab in atopic dermatitis

615 Dupilumab: Clinical Efficacy and Safety of Dupilumab in Atopic Dermatitis with Moderate-to-Severe Disease and Total Of Quality of Life Score Improvement of 15 or More

616 Updates in therapies for psoriatic arthritis: A systematic review with evidence-based analysis

617 Investigating the efficacy and safety of topical vibration anesthesia to reduce pain from cosmetic botulinum toxin A injections in China

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619 DaiSight analysis of Ritsu’s dermatitis treated by long-term use ofque cream and emollient
Low-level red and infrared lights provide anti-aging skin benefits.

Synergistic effects of UVB and Platelet-activating factor on microvesicle particle production.

Detection of the small, excised, damage-containing DNA oligonucleotide (sedDNA) products of nucleotide excision repair in the epidermis.

Exosome-mediated miR-4655-3p contributes to UV-radiation induced bystander effects by targeting E2F2.

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The coexistence of riboflavin and tryptophan is responsible for the production of H2O2 in the UVA-induced cytotoxicity of dermal fibroblasts.

Characterization of amelanotic melanomas from genetically-engineered mouse models.

Assessment of skin care protection with rhealba® oat plantlet extract in a full-thickness skin model that mimics the fragile skin of the elderly.

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By protecting against cutaneous inflammation, deep epidermal pigmentation provided additional advantages for ancestral humans.

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The function and mechanism of MDA5 in the onset and progress of virus-induced vitiligo.

Fernblock® promotes defence systems against oxidative stress by induction of NRF2 pathway.

Development of a model to study the influence of ultraviolet radiation (UVs) on cell migration of primary melanoma.

Pou4f1 promotes braf inhibitor resistance by reactivating mapk signaling pathway in melanoma.

Lipogenesis governs PD-L1-dependent immune escape to promote melanoma growth.

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