The female biased factor VGLL3 drives lupus-like skin inflammation in vivo

Adaptive and Autoimmunity

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Identification of immunodominant Th2 cell epitopes in Chinese bullous pemphigoid mice

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068

Diabetes mellitus type I protects from allergic contact dermatitis in mice

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Plexin-B2-Semaphorin 4D dampens regulatory T-cell functions leading to dampened regulatory T cell function and reduced disease severity in murine atopic dermatitis

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Photosensitivity and heightened type I IFN responses in cutaneous lupus are driven by elevated interferon kappa

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Reliability of the BIOCHIP in pemphigus and pemphigoid patients – the Biomark for Immunology and Oncology

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Predicting recurrence in primary melanomas by T cell receptor peptide epitope matching

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The role of interferon and retroelements in lupus-prone Ro60 knockout mouse

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SEPDIII-04

Highly functional Skin NKG2D+ CD8+ Effector Memory T cells in vitiligo

Adaptive and Autoimmunity

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Cytotoxic activity of cytolytic Th17 cells targeting Propionibacterium acnes

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052

Bullous pemphigoid antibodies drive T cell activation in psoriasis

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CXCR4-expressing skin-resident NKT cells develop allergic inflammation in the absence of liver injury

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047

Nanoparticle induced immunomodulation in a model of allergic contact dermatitis

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Impaired peripheral tolerance leads to AIBD phenotype with pathogenic effect of T cells and B cells

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045

Vitiligo is characterized by multi-axis T-cell activation in blood

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037

Human central memory T cells generate superior numbers of resident memory T cells

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038

Detection of intramuscular resident T17 cell epitopes in Chinese bullous pemphigoid patients

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036

Vitamin D3/TGFβ1 co-administration blocks allergic skin disease in a humanized mouse model

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034

Interleukin-1ß antibody blockade as a novel approach in cancer immunotherapy

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030

Decreased keratinocyte GPNMB expression may augment the development of chronic inflammatory skin diseases

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029

Mechanical stretch exacerbates psoriasis by promoting cell proliferation and amplifying pro-inflammatory effects of keratinocytes

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027

Possible complement independent mechanisms in tissue destruction in patients with pemphigus vulgaris treated with steroid sparing immunosuppressants

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025

Antimicrobial activity of cytolytic Th17 cells targeting Propionibacterium acnes

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Correlation of IgG autoantibodies against acetylcholine receptors and epidermolysis bullosa ambiens pemphigoid from all other forms of pemphigoid

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Skin scarification with modified vaccinia ankara (MVA) virus generates protective immunity

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SEPDIII-01

Characterization of a novel long non-coding RNA (G2608) in psoriasis

Adaptive and Autoimmunity

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073

Human central memory T cells generate superior numbers of resident memory T cells

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Reliability of the BIOCHIP in pemphigus and pemphigoid patients – the Biomark for Immunology and Oncology

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Predicting recurrence in primary melanomas by T cell receptor peptide epitope matching

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<td>A fibronectin-3 way to assess human T-cell activation in squamous cell carcinomas</td>
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<td>MiR-224-3P in cutaneous melanoma in association with anti-angiogenic therapy</td>
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<td>Human papillomavirus infection in voriconazole-associated cutaneous squamous cell carcinoma</td>
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<td>Gene expression profiling and immune cell-type deconvolution highlight the genomic instability in melanoma cell lines</td>
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<td>Biomarker discovery of metastasis in cutaneous squamous cell carcinoma</td>
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<td>A novel mechanistic link between MerPy 1 antigen and epidermal DNA damage response network in Merkel cell carcinomas</td>
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Nucleoporins are frequently mutated in SCCIS and loss of function promotes...

Evidence that PPARγ plays a key role in cutaneous immune function and...
Facial lentigines formation results from a complex interplay between solar damage, genetic predisposition, and environmental factors.

A survey of demographics, skin cancer history, and sun-protective behavior in a population-based longitudinal birth cohort study.

The sun protective behaviors and attitudes of early childhood programs in the United States.

Nevus count is an independent risk factor for basal cell carcinoma and squamous cell carcinoma: A report from the National Cancer Institute (NCI) Surveillance, Epidemiology, and End Results (SEER) Program.

Characterizing the accessible chromatin landscape of resistant basal cell carcinoma.

The risk of Keratinocyte Carcinoma (KC) in psoriasis patients receiving biologic therapy compared to conventional systemic therapy: Results from The British Association of Dermatologists Biologic Interventions Register (BADBIR) study.

Early detection of chemotherapeutic skin toxicities in social health networks: An analysis of the National Cancer Institute (NCI) Surveillance, Epidemiology, and End Results (SEER) program.

Dual role of the polarity protein atypical kinase Cλ in skin development.

The risk of keratinocyte carcinoma in psoriasis is associated with components of the skin immune system.

The role of BRD7 and BRD9 in the development and progression of melanoma.

Validating self-reported atopic dermatitis in a large cohort of US women.

Analysis of the expression of a transcription factor, E2F4, in various skin tumor types.

Evidence for race/ethnic incidence rate disparity in mycosis fungoides: A report from the NCI Surveillance, Epidemiology, and End Results (SEER) Program.

Different prevalence of sensitization against galactose-α-1,3-mannose glycoconjugates in pediatric patients with atopic dermatitis.

Sleep disturbances in children with atopic dermatitis throughout childhood: A report from the NCI Surveillance, Epidemiology, and End Results (SEER) Program.

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Ablation of epidermal HDAC3 and HDAC4 protects against chemically-induced skin cancer.

DNA methylomic profiles of TWIST1, PLS3 and GATA6 genes in Sezary syndrome.

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267 Cutaneous tumors in tuberous sclerosis complex correlate with pulmonary disease severity
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268 Moderate to severe atopic dermatitis is associated with allergic, autoimmune, and inflammatory disease severity
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269 Atopic dermatitis is associated with fragile homes in US children
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270 Skin cancer surveillance behaviors and attitudes among hair professionals
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271 Disparities in outpatient dermatologic health care access and utilization in the United States
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272 Increased utilization of phyician billing claims to validate actinic keratoses cases
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273 Systematic review of autoimmune comorbidities in vitiligo
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274 Incidence and survival of pediatric soft tissue tumors of the skin and subcutaneous tissue
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275 Assessment of insurance type and access to dermatologic care at dermatology outpatient clinics
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276 Tea consumption and the risk of keratinocyte carcinoma: A U.S. population-based case-control study
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277 Risk of myocardial infarctions is increased in patients with neurofibromatosis type 1
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278 Chilblain lupus erythematosus - clinical and histologic characterization of an uncommon entity
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279 Do oro-pharyngeal symptoms correlate with endoscopic findings in patients with parasitic ulcers?
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280 Allergic contact dermatitis due to rubber components of a printer ink
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281 Enhancement of epidermal function delays relapse of psoriasis
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282 High prevalence of cutaneous angiosarcoma in Okinawa located at the southernmost part of Japan
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283 National Survey of Quality of Life and Disease Severity in Patients with adult-onset atopic dermatitis
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284 The effect of rejection episodes on squamous cell carcinoma (SCC) in transplant patients
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285 Osteopenia is common in adult-onset ichthyosis in a middle eastern population
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286 Inactivity, inactive cancer prevention counseling reported between patient, physician, and patient chart analysis 2008-2016
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287 Impact of body mass index and waist circumference on the risk of chronic dermatoses: A nationwide, population-based study
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288 Intradermal melanoma in fair skin: high grade metastatic behavior among African Americans
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289 Subcutaneous tissue inflammation in patients with psoriatic arthritis and enthesitis-related arthritis
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290 Incidence and cumulative incidence of ulcer and severe ulcer of legs
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291 Discrepancies in skin cancer prevention counseling reported between patient, physician, and patient chart analysis 2008-2016
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292 Vildagliptin significantly increases the risk of bullous pemphigoid: A Finnish nationwide registry study
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293 Postural hypotension in adults with primary pulmonary hypertension
Clinical Research: Epidemiology of Skin Diseases
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294 Use of physician billing claims to validate actinic keratoses cases
Clinical Research: Epidemiology of Skin Diseases
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295 Utility of phyician billing claims to validate actinic keratoses cases
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296 Breast cancer surveillance behaviors and attitudes among hair professionals
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297 Incidence and cumulative incidence of ulcer and severe ulcer of legs
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298 Comparison of wage earnings between psoriasis patients on biologics versus no biologics
Clinical Research: Epidemiology of Skin Diseases
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299 Incidence and survival of pediatric soft tissue tumors of the skin and subcutaneous tissue
Clinical Research: Epidemiology of Skin Diseases
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<td>Prevalence of skin allergy and irritant to cosmetics and associated factors in China: Lessons from more than 60,000 patch test case controls from over 300 Individual sites</td>
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<td>Which led to Chinese patients with cosmetic allergy to cosmetic series</td>
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<td>Why is no Generic Analysis demonstrated the Antimicrobial Efficacy of Benzoyl Peroxide in a Moderate to Severe Plesuricae Phase 2 Clinical study</td>
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<td>Clinical Characteristics of Patients with Chronic Paraneoplastic and Macrostomia Paraneoplastic diseases: analysis of a national and local dataset</td>
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<td>Fulfillment of ICD-11 Diagnostic Criteria in Prediction of Venous Leg Ulcers</td>
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<td>A retrospective analysis of patient-reported physical and psychological domains as trigger factors in osteoporosis Sapho disease</td>
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<td>A prospective review of skin diseases demographics and ICD classification in Paraneoplastic syndromes</td>
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<td>Disease diagnostic tools of common techniques in diagnosis of immunocompromised infections</td>
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<td>Benefits and Disadvantages Predictive of Poisonous Severity: A Multivariate Analyticology</td>
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<td>Xanthoanthocyanin Abundance: A Novel Prophylactic Therapy for Atopic Eczeat and Development of new classification criteria</td>
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<td>Factor distribution of hand-foot skin reaction based on use of a mobilephone app and hand aesthetic devices in a pediatric patients</td>
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<td>Prevalent psychological distress and the risk of acute dermatitis in offering a multifaceted whole-coherence psychology</td>
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<td>Successful treatment of calciphylaxis related to lupus erythematosus in a non-surgical setting and surprisingly low success rates</td>
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<td>Control factors influencing response to retinoid therapy in newborns with birthmarks treatment in cases of infants present with port-wine stain nevi</td>
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<td>Protocol for a longitudinal cohort study: determination of risk factors for the development of first onset of skin cancer in patients with chronic venous insufficiency, the VENUS (Venous Insufficiency in South Florida) Cohort</td>
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<td>Dose institutional appetite research for publishing dermatology journal articles</td>
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<td>Vitamin D supplementation in psoriasis patients is impacted by ethnicity</td>
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<td>Association between urinary phenols and parabens with pruritus and eczema</td>
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<td>Ichthyosis has a moderate impact on quality of life in adults</td>
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<td>Clinical diagnosis and role of molecular techniques in diagnosis of ephelides and encephalocraniocutaneous lipomatosis</td>
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<td>Clinical factors influencing response to acne treatments in newborns with birthmarks treatment in cases of infants present with port-wine stain nevi</td>
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<td>Dermatologists' prescriptions of sedating antihistamines in older adults: data from the national ambulatory health survey 2006-2015</td>
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<td>Oral therapy managing to encourage vaccination among young, healthy, and low risk children, a qualitative study</td>
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<td>Lower Dermatitis prevalence and impact of disease severity on quality of life in US adults</td>
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<td>Treatment and tool management in scalp and mohawk American hair: a survey of scalp care products</td>
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<td>Regulatory cells may not be the answer: A prospective study of BCP in TCMV infections</td>
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<td>Ruxolitinib inhibits Cyclosporine A (CSA) induced proliferation of squamous cell carcinoma (SCC): implications for treating catastrophic SCC in organ transplantation</td>
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<td>Investigating a causal relationship between body mass index and autoimmunity in anorexia nervosa disease causing malnourishment syndrome</td>
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<td>Association between HLA-Cw6 status and response to guselkumab in patients with hidradenitis suppurativa (HIV, HSV, HPV)</td>
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<td>IRTEN - an international registry for toxic epidermal necrolysis</td>
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<td>Investigating a causal relationship between body mass index and autoimmunity in chronic spontaneous urticaria</td>
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<td>Exploring molecular transformation in psoriatic patients during 84 days of anti-IL-17A treatment</td>
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<td>Safety and efficacy of tumor necrosis factor inhibitors in cutaneous sarcomatoid tumors: a systematic review</td>
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<td>Effect of synthetic T cell receptor-T cell receptor constructs for the treatment of chronic idiopathic urticaria patients</td>
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<td>Dithranol in psoriasis: Keratinocyte-neutrophil crosstalk and TREM1 signaling</td>
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<td>GBR 830 induces progressive and sustained changes in atopic dermatitis</td>
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<td>Analysis of IL36RN and CARD14 gene mutation in Japanese patients with hidradenitis suppurativa (HIV, HSV, HPV)</td>
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<td>Preclinical development of desmoglein chimeric autoantibody receptor (CAAR) T cell therapy for treating pemphigus</td>
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510 Development and validation of a risk prediction model for serious infection in patients with psoriasis using the British Association of Dermatologists Biologics Register (BADBIR): a prospective study

Clinical Research: Patient Outcomes Research

SIP09-04

SELECT EPOSTER DISCUSSION III, 5/19/18, 12:30 - 1:30 PM

511 IFNβ-1b improves the appearance of psoriasis during the final months of 3 year-continuous treatment with ustekinumab in adult patients with psoriasis

Clinical Research: Patient Outcomes Research

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512 Unchanged quality of life in patients with psoriasis after starting dupilumab: a post hoc analysis of the clinical trials for dupilumab

Clinical Research: Patient Outcomes Research

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513 Psoriasis and diet: Evidence synthesis from the Medical Board of the National Psoriasis Foundation

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

514 Depression is associated with increased treatment burden for patients with psoriasis

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

515 A prospective, multi-center study of adherence to and persistence with ustekinumab therapy in patients with moderate-to-severe psoriasis

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

516 Improved keratinocyte carcinoma outcomes with clinical dermatology assessment after solid organ transplantation: Population-based cohort study

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

517 Fast track technology: an overview of the clinical validation of next-generation OCT

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

518 Understanding facial redness in rosacea: a translational research approach

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

519 Novel method to prevent psoriatic arthritis in patients with psoriasis

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

520 Identifying adalimumab cellular and molecular targets in psoriasis

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

521 Persistent elevated serum lactate and mortality in Stevens Johnson syndrome and toxic epidermal necrolysis (TEN): a single center retrospective analysis from the Pediatric Intensive Care Unit (PICU)

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

522 Three-dimensional modeling and comparison of nasal flap designs

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

523 Evaluating the burden of prior authorization in the treatment of psoriasis

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

524 What is your time worth? Comparison of distance travelled and waiting time for adult psoriasis patients in the United States

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FUTURE SESSION ONLY

525 Changes in blood involvement in Sezary syndrome positively correlate with patient scar assessment correlates with quality of life after Mohs micrographic surgery (MMS)

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

526 Patient-related quality of life for patients with atopic dermatitis

Clinical Research: Patient Outcomes Research

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527 Evaluation of psychometric properties of patient-reported outcome measures

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

528 Association of tumor response to PD-1/PD-L1 immunotherapy and type of dermatitis in patients with psoriasis

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

529 Disparities in annual direct and indirect healthcare costs between nonwhite and white American patients with psoriasis

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

530 Identifying adalimumab cellular and molecular targets in psoriasis

Clinical Research: Patient Outcomes Research

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531 Multidisciplinary approach to improving patient care in a dedicated treatment center in the Bronx

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

532 The Rivelin® patch – An adhesive patch for targeted treatment of oral lichen planus

Clinical Research: Patient Outcomes Research

POSTER SESSION ONLY

FUTURE SESSION ONLY

533 Cultured epidermal autograft from clinically revertant skin in recessive dystrophic epidermolysis bullosa

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

534 Predicting response to ustekinumab in patients with psoriasis: a multicentre, prospective cohort study

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

535 Interventions Register (BADBIR)

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

536 Changes in blood involvement in Sezary syndrome positively correlate with patient scar assessment correlates with quality of life after Mohs micrographic surgery (MMS)

Clinical Research: Patient Outcomes Research

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538 Improved keratinocyte carcinoma outcomes with clinical dermatology assessment after solid organ transplantation: Population-based cohort study

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539 Identifying adalimumab cellular and molecular targets in psoriasis

Clinical Research: Patient Outcomes Research

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540 Cardiovascular risk among psoriasis patients using red cell distribution width

Clinical Research: Patient Outcomes Research

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FUTURE SESSION ONLY

541 What is your time worth? Comparison of distance travelled and waiting time for adult psoriasis patients in the United States

Clinical Research: Patient Outcomes Research

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542 Evaluating the burden of prior authorization in the treatment of psoriasis

Clinical Research: Patient Outcomes Research

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Clinical Research: Patient Outcomes Research

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Distinct prognostic values of ALDH isoenzymes in human melanoma
Clinical Research: Patient Outcomes Research
CM13-12
CONCURRENT 13, 5/19/18, 3:15 - 5:45 PM

An integrated approach to predict and detect Merkel cell carcinoma
Clinical Research: Patient Outcomes Research
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An assessment of quality of life in patients with pyoderma gangrenosum
Clinical Research: Patient Outcomes Research
CM13-04
CONCURRENT 13, 5/19/18, 3:15 - 5:45 PM

A review of the use of platelet rich plasma for the treatment of androgenic alopecia
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Acne severity scoring using deep learning
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

Examining cutaneous disease activity as an outcome measure for clinical trials
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

The behavior of omega 3 and omega 6 polyunsaturated fatty acids in PUVA and maintenance treatment in mycosis fungoides: Systemic aberrant JAK/STAT signaling
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

Low versus high fluence light-induced hair removal: How hair follicle ex vivo responses translate into clinical results
Clinical Research: Patient Outcomes Research
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ASN002: A dual oral inhibitor of JAK/SYK signaling improves clinical outcomes in patients with moderate-to-severe atopic dermatitis
Clinical Research: Patient Outcomes Research
CM13-39
CONCURRENT 13, 5/19/18, 3:15 - 5:45 PM

Defining chronic wound types in recessive dystrophic epidermolysis bullosa
Clinical Research: Patient Outcomes Research
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PROMIS pediatric sleep-wake function measures correlate with objective sleep disturbance in atopic dermatitis, acne, and psoriasis
Clinical Research: Patient Outcomes Research
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Skin-infiltrating Th17/Tc17 and Th1/Tc1 cells are significantly decreased and IL-17+ CD103+ resident memory T cells partly remain after successful treatment
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

Fatigue in systemic lupus erythematosus and other autoimmune skin diseases
Clinical Research: Patient Outcomes Research
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Role of observation for excisionally biopsied moderately dysplastic nevi with a positive sentinel lymph node biopsy
Clinical Research: Patient Outcomes Research
CM11-04
CONCURRENT 11, 5/19/18, 3:15 - 5:45 PM

Low versus high fluence light-induced hair removal: How hair follicle ex vivo responses translate into clinical results
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

Defining chronic wound types in recessive dystrophic epidermolysis bullosa
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

Comparative single-institute analysis of Mohs micrographic surgery within the Veterans Health Administration
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

Comparative effectiveness of portail treatments on systemic inflammatory response syndrome in patients with systemic lupus erythematosus
Clinical Research: Patient Outcomes Research
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Use of electronic health record (EHR) tools and interactive dashboards to improve patient engagement to manage atopic dermatitis (AD)
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

Utility of repeat latent tuberculosis screening in Veterans patients treated with the anti-TNF agents
Clinical Research: Patient Outcomes Research
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A phase IIb study of genetically corrected, collagen VII expressing autologous human dermal fibroblasts injected into the skin of patients with recessive dystrophic epidermolysis bullosa
Clinical Research: Patient Outcomes Research
CM13-01
CONCURRENT 13, 5/19/18, 3:15 - 5:45 PM

Clinical outcomes translate into clinical results
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

An integrative approach to clinical trial design and monitoring in cutaneous drug development
Clinical Research: Patient Outcomes Research
CM13-39
CONCURRENT 13, 5/19/18, 3:15 - 5:45 PM

Low versus high fluence light-induced hair removal: How hair follicle ex vivo responses translate into clinical results
Clinical Research: Patient Outcomes Research
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An integrated approach to predict and detect Merkel cell carcinoma
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An assessment of quality of life in patients with pyoderma gangrenosum
Clinical Research: Patient Outcomes Research
CM13-04
CONCURRENT 13, 5/19/18, 3:15 - 5:45 PM

A review of the use of platelet rich plasma for the treatment of androgenic alopecia
Clinical Research: Patient Outcomes Research
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Acne severity scoring using deep learning
Clinical Research: Patient Outcomes Research
POSTER SESSION ONLY

Examining cutaneous disease activity as an outcome measure for clinical trials
Clinical Research: Patient Outcomes Research
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<th>Abstract Category</th>
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<td>Reduction of barrier and surface C23 expression by topical glucos in a mouse model of atopic dermatitis and in keratinocyte culture. A possible role of glucos as a barrier related in atopic dermatitis</td>
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**SESSION ORDER**

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A unique mixture of botanical extracts attenuates keratinocyte inflammation

HLA genes associate with response to multiple biologic therapies in psoriasis

Mechanisms contributing to the skin phenotype of ectodermal dysplasias

Hairless mouse Hr mutation induces skin commensal bacterial changes and...

Detection of mosaic copy-number variation from whole-exome sequencing in...

The effect of neutrophils on Th17 expansion is monocyte-dependent

A mosaic contiguous deletion associated with CYLD cutaneous syndrome.

Generation and characterization of a mutant rat with targeted ablation in...

Generation of a zebrafish model for CARD14-associated human disorders

Identification of amino acid residues in ABCC6 important for substrate...

SAM syndrome is characterized by extensive phenotype heterogeneity

SMARCAD1 haploinsufficiency underlies Huriez Syndrome and associated skin...

Anti-inflammatory properties of a unique mixture of botanical extracts in in...

Identification of novel and recurrent AAGAB mutations in two patients with...

A circulus vitiosus causes loss of proteostasis in Cockayne syndrome

A circulus vitiosus causes loss of proteostasis in Cockayne syndrome

A missense mutation in KRT6A located at coil 2B domain outside of helix...

A exceptional mutation in ALX4 results in ectodermal defects

Development of a zebrafish model for CARD14-associated human disorders

Development of a zebrafish model for CARD14-associated human disorders

Epidermolysis bullosa mutations for treatment of a patient with concurrent acrodermatitis enteropathica and TSC skin tumors

Samd9, the gene responsible for normophosphatemic familial tumoral cancer susceptibility

Cancer-related isoforms of BCL2L1 correlate with clinical features of multiple myeloma

A rare genetic mutation contributes to napalidemia vitiligo and provide a framework for sequencing patient genomes

Identification of association regions

Mutations in the G3P gene causing FGFR2-related epidermolysis bullosa associated with palmoplantar keratoderma

Termination motif leads to mild phenotype of pachyonychia congenita type 1

A circulus vitiosus causes loss of proteostasis in Cockayne syndrome

A circulus vitiosus causes loss of proteostasis in Cockayne syndrome

Expression of GDF-16 and TNF-α in Aβ plaques of F2/513 model of Alzheimer’s disease

Genomic tools identify overlapping Mendelian disorders and provide rationale for genotype-phenotype correlations

A missense mutation in HBA1 is associated with a novel subtype of hereditary hemolytic anemia

Distinct genes (EXPH5 and COL17A1) associated with different subtypes of epidermolysis bullosa

Cancer-related isoforms of BCL2L1 correlate with clinical features of multiple myeloma

Biallelic COL7A1 editing in iPSCs via CRISPR/Cas9 for recessive dystrophic epidermolysis bullosa

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Development of a zebrafish model for CARD14-associated human disorders
861 Dermal fibroblasts control mast cell reactivity to commensal bacteria
Growth Factors, Cell Adhesion and Matrix Biology
CM9-07 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

849 Enhancement of cutaneous wound healing by Dsg2-augmented uPAR
Growth Factors, Cell Adhesion and Matrix Biology
CM9-06 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

882 Modulation of the p38-MAPK/MSK/Histone H3 axis by select cutaneous
Growth Factors, Cell Adhesion and Matrix Biology
CM9-04 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

857 CCN2/Connective tissue growth factor regulates G1 to S phase cell cycle
Growth Factors, Cell Adhesion and Matrix Biology
CM9-12 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

884 IL-9 mediated human primary keratinocytes invasion is
Short-term ozone exposure stimulates both IGF1R and EGFR to promote
Integration of magnetic tweezers and traction force microscopy for exploring
Trichophyton rubrum infection on reconstructed human epidermis induces
Growth Factors, Cell Adhesion and Matrix Biology
SEPDII-08 SELECT EPOSTER DISCUSSION II, 5/18/18, 12:30 - 1:30 PM

862 Hypoxia induced Cyr61 productions involved in the pathogenesis of infantile
Blockade of CX3CL1-CX3CR1 pathway attenuates skin inflammation, fibrosis,
Growth Factors, Cell Adhesion and Matrix Biology
CM9-02 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

856 Targeting hyaluronan in the skin alters reactive adipogenesis in the colon
Growth Factors, Cell Adhesion and Matrix Biology
CM9-03 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

852 Three hyaluronic acid synthases differently regulate epidermal and dermal
Growth Factors, Cell Adhesion and Matrix Biology
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863 E-cadherin binds desmoglein to facilitate desmosome assembly
Growth Factors, Cell Adhesion and Matrix Biology
SEPDII-09 SELECT EPOSTER DISCUSSION II, 5/18/18, 12:30 - 1:30 PM

886 IL-17 promotes human primary keratinocyte invasion potential by controlling
An exemplary claim substantiation for the firming / anti-sagging activity of a
Pemphigus foliaceus IgG autoantibodies block heterophilic trans-interaction
Hypoxia induced Cyr61 productions involved in the pathogenesis of infantile
Blockade of CX3CL1-CX3CR1 pathway attenuates skin inflammation, fibrosis,
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870 Toll-like receptor 1/2 ligand enhances IL-4 receptor signaling in human
VE-cadherin internalization coordinates endothelial cell functions during vascular development
Retinoids improve innate immune defense by enhancing reactive dermal
Pemphigus foliaceus IgG autoantibodies block heterophilic trans-interaction
Hypoxia induced Cyr61 productions involved in the pathogenesis of infantile
Blockade of CX3CL1-CX3CR1 pathway attenuates skin inflammation, fibrosis,
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878 TLR2 ligation promotes TLR4 mediated pro-inflammatory and anti-microbial responses in human
Eosinophils can accelerate pathogenesis of psoriasis by stimulating
Growth Factors, Cell Adhesion and Matrix Biology
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864 Detection of scabies by anti-house dust mite antibody immunoblot test
Innate Immunity, Microbiology, Inflammation
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879 Clonal expansion of keratinocytes is essential for skin regeneration of colons using mini-organoids of human derived fibroblasts
Growth Factors, Cell Adhesion and Matrix Biology
CM9-05 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

860 Interfering with the skin after reaction regeneration in the colon
Growth Factors, Cell Adhesion and Matrix Biology
CM9-06 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

858 Hyaluronan synthases differently regulate epidermal and dermal
Growth Factors, Cell Adhesion and Matrix Biology
CM9-03 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

865 In vivo and in vitro reactivity of keratinocytes to commensal bacteria
Growth Factors, Cell Adhesion and Matrix Biology
CM9-04 CONCURRENT 9, 5/18/18, 3:30 - 6:00 PM

867 MicroRNA-532-3p regulates epithelial-mesenchymal transition to achieve cell colonization and mesenchymal cell differentiation
Growth Factors, Cell Adhesion and Matrix Biology
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868 Extracellular matrix signaling pathway is a novel therapeutic target for psoriasis and rosacea
Growth Factors, Cell Adhesion and Matrix Biology
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Colonization of a 3D skin model with a complete microbiota is more beneficial. SEPDI-02; CSMPI-05

Development of a novel humanized mouse model for atopic dermatitis. SEPDI-04

The human cutaneous microbiome composition changes after coal tar TNFa- and IL-17A-mediated induction of IL-36 cytokines in human skin explants. SEPDI-05

Severity of pediatric atopic dermatitis correlates to hemolytic potential of S. aureus non-dominant and dominant dysbioses. CM3-07

Challenges in skin microbiome in vitro modeling. CM3-08

Hypoalbuminemia and inflammatory skin condition: Long-lasting implications for AD pathogenesis and infection. CM3-09

Targeting pathogenic interactions between Rac1 and NCK1 in psoriasis. SEPDI-06

Proinflammatory role of blister fluid-derived exosomes in bullous pemphigoid. SEPDI-07

Expression and role pruritic receptors on monocyte-derived Langerhans cells. SEPDI-08

The critical role of TLR4 signaling in sepsis-induced cell death in contact hypersensitivity. SEPDI-09

Identification of pharmacologic inhibitors of specific kinases that prevent IL-4-ILC2s and Type 2 Immunity Influence Hair Follicle Stem Cell Proliferation and hair growth. SEPDI-10

Stenotic changes of cerebral arteries and impaired brain glucose metabolism in patients with severe psoriasis. CM3-10

A journey into psoriasis: From the adipose tissue to the skin. Innate Immunity, Microbiology, Inflammation

High-fat diet exacerbates neutrophilic folliculitis by facilitating sequential infection by different skin commensals. SEPDI-11

Psoriatic keratinocyte-derived exosomes with enriched proteasome subunits promote neutrophil activation and psoriasis development. SEPDI-12

Keratinocyte alpha7 nicotinic acetylcholine receptor (CHRNA7) is the primary nicotinic receptor involved in impaired TLR2-dependent innate immunity: A possible mechanism for impaired TLR2 responses and chronic inflammation. SEPDI-13

Heme oxygenase-1 has a protective role in murine imiquimod-induced psoriasiform dermatitis. SEPDI-14

Inflammation-induced macrophage polarization modulates a dense keratinocyte-exosome network in chronic psoriasis. SEPDI-15

IL-36? is a strong inducer of IL-23A expression in human 3D psoriasis skin models. SEPDI-16

Staphylococcus aureus non-dominant and dominant dysbioses influence cutaneous immune function in a murine irritant dermatitis model. SEPDI-17

Psoriatic keratinocyte-secreted exosomes promote keratinocyte proliferation and dysregulated keratinization in human psoriasis. SEPDI-18

Innate Immunity, Microbiology, Inflammation

PostScript

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POSTER II

POSTER III
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<td>43198</td>
<td>Histologic and functional evaluations of vegetable pathways in three metastatic colon cancer cell models</td>
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<td>Evaluation of novel treatments for the multi-dimensional therapeutic efforts against drug resistant Propionibacterium acne induced machinery</td>
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<td>Immunoblot-berbicid combination significantly inhibits melanosomes cell death</td>
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<td>43203</td>
<td>Histologic effects of retinal exudate visible light on the dermis: An additional environmental stress that we should take into consideration</td>
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<td>Long wave red light inhibit MMP-1 expression through suppression of ERK activation in UVB irradiated dermal fibroblast and skin equivalent model</td>
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<td>Preclinical evaluation of a novel fluoroquinolone for its multi-dimensional potential activity</td>
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<td>Efficacy of selective next-generation JAK inhibitors in the treatment of psoriasis</td>
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<td>Ultraviolet B radiation upregulates the production of serine racemase in human dermal fibroblasts</td>
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<td>Spironolactone depletes XPB protein and inhibits the UVB DNA damage repair mechanism in human dermal fibroblasts</td>
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<td>43219</td>
<td>The role of micromolecular histone chaperones in UV irradiation in human fibroblasts</td>
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<td>Clinical experience of human dermal fibroblasts in vivo</td>
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<td>43222</td>
<td>Establishment of phototoxicity in vitro exosome model using cultured keratinocytes by repeated UV irradiation: PARAFs with potent catalytic-like activity preserved cellular responses</td>
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<td>43223</td>
<td>Pattern for measuring UV protection index</td>
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Palmitoyl-KVK-L-ascorbic acid improves matrix abnormality associated with POSTER SESSION ONLY.

Nuclear translocation of PKCa is important in neutrophil NETosis and UVB Photoprotective properties of an Entada phaseoloides seeds extract obtained Time for the human epidermal peripheral clock, role of Opsins and

The influence of UVA protection on skin during sun exposure Photobiology

Study of clinicopathological and molecular markers of basal cell carcinoma Photobiology

Metronomic versus conventional photodynamic therapy: Comparison of SEPDIII-03 SELECT EPOSTER DISCUSSION III, 5/19/18, 12:15 - 1:15 PM

Melanocyte UVB skin damage is inversely affected by S. epidermis versus P. Ultraviolet radiation induced senescent cells and senescence associated

Decorin is associated with preservation of dermal collagen in UVB exposed

Ethanol augments stimulated microvesicle particle formation and release in a

Melanin may mediate visible light induced photoaging in darker skin types Photobiology

Validation of a UV biomarker panel for risk stratification of actinic keratosis Photobiology

Innovative oil-soluble biomimetic hexapeptide to fight UV damages Photobiology

Antifibrogenic activities of novel vitamin D3 analogs are modified by RORγ

Pigmentation and Melanoma

Pigmentation and Melanoma

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<td>42657</td>
<td>CCN1/Siap1 stimulates melanogenesis through integrin alpha6beta1 MAPK and Wnt/β-catenin signaling pathways in normal human epidermal melanocytes (NHMECs)</td>
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<td>42654</td>
<td>Diagnosis of acute skin and oral mucosal melanoma in patients with acral lentiginous melanoma (AML)</td>
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<td>42689</td>
<td>Prevalent significance of HDM2 expression and antitumor effect of HDM2 inhibition in melanoma</td>
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<td>42688</td>
<td>Effects of orally administered thousandths (1000x) of cancer cell lysate as a promoter of melanoma progression by stimulating AKAP44</td>
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<td>Surgical damage to the lymphatic system promotes tumor growth via impaired adaptive immune responses</td>
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<td>Wnt2 promotes melanoma development by regulating INHIIBITORY pathway</td>
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<td>42467</td>
<td>Nicotinic acid impairs expression of melanoma. Nicotinic acid is a key factor in NIK/NFκB induction of vitiligo regeneration</td>
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<td>42669</td>
<td>Ectopic surveillance and evasion in the progression from normal melanocytic precursor to malignant melanoma</td>
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<td>42409</td>
<td>Improved activity of BRAF inhibitors in mutation-driven melanocytic dysplasia: A possible endgame underlying the progression of melanoma in vitiligo</td>
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<td>Significance of HDM2 induced by oxidative stress triggers an addiction-dependent escape of melanocytes</td>
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<td>42442</td>
<td>Dermatitis, nevus, melanoma: Soft tissue composition of superficial chemical peel n. 9A: A new laser for the treatment of nevioma</td>
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<td>42430</td>
<td>Integrating melanophages from melanoma into metastatic melanoma treated with 5-fluorouracil is a clinical application of quantitation of melanocytic microenvironment</td>
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<td>42708</td>
<td>BNP expression is an indicator for BRAF expression in melanoma</td>
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<td>42721</td>
<td>RhoA regulation by NF-κB expression contributes to melanoma growth via prostate epithelial cell pathway</td>
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Vitamin C as a potential treatment for melanoma

Pretreatment serum CTLA-4 is a potential biomarker of risk of immune-related adverse events in melanoma patients treated with immune-checkpoint inhibition.

HSP70i-Q435A-encoding DNA repigments vitiligo lesions in Sinclair swine.

Activation of G protein-coupled estrogen receptor signaling inhibits melanoma cell migration and improves response to immune checkpoint blockade.

Pharmacological activation of NRF2 signaling prevents UVB induced melanogenesis.

A BRAF inhibitor, vemurafenib, enhances insulin-induced sebum production in hamster sebocytes.

Cold atmospheric plasma treatment of melanoma enhances immune response.

Aberrant differentiation as a novel mechanism for hyperpigmentation. 

Distinct cAMP signaling microdomains differentially impact melanoma cell invasion and metastasis.

IL17, IL33 and their relationship with skin barrier in melasma.

Expression pattern of melanosomal proteins following inhibition of soluble CDK1 phosphorylates Sox2 and enhances tumor initiation and stemness in melanoma.

A molecule that activates bevacizumab (Avastin) to inhibit vascular endothelial growth factor-A enhances the efficacy of immunotherapy in melanoma.

Activated differentiation as a novel mechanism for hyperpigmentation.

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Effect of selective Gq/11-inhibition on malignant melanoma

E-cadherin expression correlates to nuclear receptors for vitamin D and promotes melanoma metastasis.

Plk1 phosphorylates Numb and promotes EMT in melanoma.

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Mobilization and depletion of hair follicle stem cells trigger permanent hair loss.

1301 STIM1, but not STIM2, is the calcium sensor critical for sweat secretion

1264 Necroptosis is a novel way of melanocyte death in oxidative-related vitiligo

1266 The role of planar cell polarity gene FZD6 in melanoma progression

1291 PPARgamma signaling is dysregulated in keloids

1267 Aging in skin of color: Organization of the dermal matrix impacts skin function

1281 Atopic dermatitis in African American patients is TH2/TH22-driven with gender and racial differences

1282 Challenges in clinical imaging of darker skin subjects

1275 The effect of drinking and sleep deprivation on the men skin

1273 Involvement of SIRT6 deacetylase in autophagy regulation in melanoma

1279 Ex-vivo evaluation of cytotoxicity and melanocyte viability of Fitzpatrick V skin

1263 Despite abnormal vitamin D receptor expression in keloid scars, keloid fibroblasts can tolerate starvation conditions by activation of the IGF1 signaling pathway

1273 Gender and racial differences in patient perception of pruritus: Evidence from a cohort study at Johns Hopkins Hospital

1271 The expression of phospholipidtransfer protein class A gene (PTPA) correlates with keratinocyte integrity in keloids

1284 Involvement of PTPN22 in keratinocyte production of proinflammatory cytokines in vitiligo

1278 The expression of phosphatidylinositol glycan, class K gene (PIGK) correlates with keratinocyte keratinization in vitiligo

1277 Live imaging of keratin network in stratum granulosum reveals dynamic forces to discovery of hair growth peptide derived from egg yolk

1286 Comparative study of the histopathological profile in male and non-segmental vitiligo patients undergoing melanocyte keratinocyte transplantation

1287 Human skin fibroblasts can tolerate starvation conditions by activation of the IGF1 signaling pathway

1280 Human plasma fibroblasts cultured with STEM expansion in basal state

1285 Differences between nasal and oral keratinocyte production of proinflammatory cytokines in vitiligo

1289 IRF6 expression in nasolabial and nasal skin

1276 Analysis of skin color parameters of facial image for perceived ages in Korean women

1272 Mobilization and depletion of hair follicle stem cells trigger permanent hair loss.

1268 Detection of exosomes by a novel laser scanning confocal endomicroscopy system in vivo

1269 Discovery of a new hair keratin gene that is upregulated in women with alopecia</p>
Specific in vivo ablation of Lrig1-positive follicular stem cells results in 
1379 Cell of origin contributes to the melanoma diversity Skin, Appendages, and Stem Cell Biology POSTER SESSION ONLY POSTER SESSION ONLY

Innovative palmitoyl tetrapeptide-20: A promising solution to fight grey hair Skin, Appendages, and Stem Cell Biology POSTER SESSION ONLY POSTER SESSION ONLY

Influence of the age of infants, compared to adults, epidermal cells on the 
1371 ß-Catenin regulation in Krox20 lineage hair follicle epithelial cells Skin, Appendages, and Stem Cell Biology SEPDII-01; CSMPII-09 SELECT EPOSTER DISCUSSION II, 5/18/18, 12:30 - 1:30 PM; COME SEE MY POSTER II, 5/18/18, 11:30 - 11:45 AM

Impaired Aquaporin-3 protein expression in advanced glycation end products- 
1356 Hair follicle growth and pigmentation during ageing Skin, Appendages, and Stem Cell Biology SEPDII-05 SELECT EPOSTER DISCUSSION II, 5/18/18, 12:30 - 1:30 PM

Interest of Biotrinine®, a mix of Nasturtium officinale and Tropaeolum majus 
17ß-estradiol may control human HF growth also via up-regulating the 
PPAR-γ modulation as a novel therapeutic strategy for scarring 
Trichodysplasia spinulosa small T antigen drives ectopic hair follicle

Arhgap19 antagonized by Lrig1 is necessary for filopodia growth, EGFR

Interest of Panax Ginseng and Albizia Julibrissin extracts to prevent age-
related hair density reduction

The protective role of miR-486 for alopecia areata Skin, Appendages, and Stem Cell Biology POSTER SESSION ONLY

Applying FACS-seq to study mouse Merkel cell development Skin, Appendages, and Stem Cell Biology CM12-07 CONCURRENT 12, 5/18/18, 3:30 - 6:00 PM

Unique transcriptional signature primes oral mucosa for rapid wound healing

The role of Fgf20 in establishing the hair follicle dermal condensate Skin, Appendages, and Stem Cell Biology PLII-3 PLENARY II, 5/17/18, 10:15 - 11:15 AM

Lower proximal cup cells but not bulge stem cells regenerate hair follicles

Stem Cells function mutation embryonic fibroblasts.

Development in adult transgenic mice

Fgf18-dependent, in corneal epithelium

Sebaceous gland loss in mice

Perifollicular skin ex vivo

Hair growth induced by blockade of microphthalmia-associated factor and downstream Janus kinase signaling in hair follicle dermal cells

Skin, Appendages, and Stem Cell Biology CM16-06 CONCURRENT 11, 5/18/18, 3:30 - 4:00 PM

Regulation of hair growth in melanoocytes, pigment transfer and 
Darkening of hair follicles

Comparison of alopecia areata pathogenesis related hair density reduction

Hair follicle dermal cells throughout hair morphogenesis and cycling

GDNF promotes tropomyosin receptor kinase-A expression which is required for hair growth in vitro

Hair follicle size correlates with hair follicle cycling, with a shorter growth phase for larger follicles

Hair follicle growth in human dermal-epidermal equivalents

The role of Fgf20 in establishing the hair follicle dermal condensate

Unique transcriptional signature primes oral mucosa for rapid wound healing

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<p>| POSTER I | 5/17/18, 11:45 AM - 1:45 PM | #001-#491 ODD/#494-#982 EVEN |
| POSTER II | 5/18/18, 12:00 PM - 2:00 PM | #983-#1473 ODD/#002-#492 EVEN |
| POSTER III | 5/19/18, 11:45 AM - 1:45 PM | #493-#981 ODD/#984-#1474 EVEN |</p>
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