

TUESDAY, May 7th

International Pachyonychia Congenita Consortium (IPCC) Symposium (12:00p – 5:00p)

Continental Ballroom B

WEDNESDAY, May 8th

International Pachyonychia Congenita Consortium (IPCC) Symposium (7:30 am – 2:00 pm)

Continental Ballroom B

8th Annual Acne and Rosacea Society Scientific Symposium (12:00 pm – 5:00 pm)

Waldorf Room

International Eczema Council at the SID Meeting (11:00 am – 2:00 pm)

Continental Ballroom C

11:45 am Abstract #324: A potential role of galectin-7 as a stabilizer for IL-4/IL-13-induced barrier disruption in atopic dermatitis
Takatoshi Shimauchi et al., Hamamatsu University School of Medicine, Hamamatsu, Japan

Naomi M. Kanof Lecture

International Ballroom North

5:45 pm The Significance of Dermatology Outcomes Research – Beyond the H-Index and Impact Factor
Suephy Chen, MD/MS, Emory University, Atlanta

THURSDAY, May 9th

Medical Dermatology Society, Mini Symposium (7:00 am – 8:30 am)

Continental Ballroom B

7:05 am Abstract #480: The characteristics of patients with persistent HHV-6 infection after drug-induced hypersensitivity syndrome/drug reaction with eosinophilia and systemic symptoms (DIHS/DRESS)
Hideo Asada, Nara Medical University, Japan

7:29 am Abstract #628: Magnetic resonance imaging for assessment of disease activity in morphea
Jack Christopher O'Brien, University of Texas, Southwestern

8:04 am Abstract #547: Effectiveness of etanercept in the treatment of toxic epidermal necrolysis
Biagio Didona, University Hospital Marburg, Germany

Genetic Disease, Gene Regulation and Gene Therapy, Selected ePoster Discussions 1 (11:15 am – 12:15 pm)

Continental Ballroom A

11:27 am Abstract #370: Genetically corrected autologous keratinocyte epidermal grafts improve wound healing and patient reported outcomes in patients with recessive dystrophic epidermolysis bullosa
S. Eichstadt et al. Stanford University, California and Veteran's Affairs Hospital, California

11:33 am Abstract #384: First in human use of a novel in vivo gene therapy to successfully correct recessive dystrophic epidermolysis bullosa (RDEB) skin: Results of a phase ½ placebo controlled trial
M. P. Marinkovich et al. Stanford University, California; Biotech, Inc, Pennsylvania Shriners Hospital, Oregon

11:39 am Abstract #380: KB104: an HSV-based gene therapy vector engineered to deliver functional SPINK5 for the treatment of Netherton Syndrome
M. Bustos et al. Krystal Biotech, Inc, Pennsylvania

11:51 am Abstract #594: Gentamicin therapy induces functional laminin 332 and improves wound healing in junctional epidermolysis bullosa patients harboring nonsense mutations
A. Kwong et al. University of Southern California, California

11:57 am Abstract #392: Altered keratinocyte differentiation is an early driver of keratin mutation-based palmoplantar keratoderma lesions
A. G. Ziemann et al. University of Michigan, Michigan; Bloomberg School of Public Health Johns Hopkins University, Maryland; School of Medicine Johns Hopkins University, Maryland

12:03 am Abstract #410: Pypin-associated auto-Inflammation with neutrophilic dermatosis (PAAND): Novel autosomal recessive MEFV mutation and successful treatment with Colchicine
S. Shahrokh et al. Rowan University School of Osteopathic Medicine, New Jersey; Thomas Jefferson University, Pennsylvania; Drexel University, Pennsylvania; Tehran University of Medical Sciences, Iran; Pasteur Institute of Iran, Iran

12:09 pm Abstract #390: Second-hit, post-zygotic PMVK and MVD mutations cause linear porokeratosis
L. Atzmony et al. Northwestern University, Illinois; Yale University, Connecticut; Medical College of Wisconsin, Wisconsin

Genetic Disease, Gene Regulation and Gene Therapy, Concurrent Minisymposium 2 (1:30 pm – 4:00 pm)

Continental Ballroom A

3:42 pm Abstract #373: Comparative analysis of acne and rosacea transcriptomes identifies compounds that target distinct disease-specific signatures of pathogenic Inflammation and lipid biosynthesis
R. Stone et al. University of Miami Miller School of Medicine, Florida

Interventional Studies, Clinical and Patient Reported Outcomes (11:15 am – 12:15 pm)

International Ballroom South

11:39 am Abstract #621: Dupilumab in adolescents with moderate-to-severe atopic dermatitis and a history of inadequate response, or intolerance to cyclosporine: subgroup analysis from a pivotal 16-week trial
A. S. Paller et al. Northwestern University Feinberg School of Medicine, Illinois and Oregon Health and Science University, Oregon

FRIDAY, May 10th

Pediatric Dermatology Research Alliance/Society for Pediatric Dermatology (7:00 am – 8:30 am)

Continental Ballroom B

7:00 am Welcome
Amy Paller, MD, Northwestern University
Yvonne Chiu, MD, Medical College of Wisconsin

7:05 am Pediatric Dermatology Roadmap
Yvonne Chiu, MD, Medical College of Wisconsin

7:20 am Abstract #213: Red cell distribution width may mark cardiovascular risk among pediatric psoriasis patients
Rosalynn Conic, MD, Case Western Reserve University

7:30 am Abstract #251: Natural history of wounds in patients with recessive dystrophic epidermolysis bullosa
Claudia Teng, BA, Stanford University

- 7:40 am Immune Regulation of Atopic Dermatitis and Itch
Brian Kim, MD, Washington University
- 8:10 am Abstract #484: Diversity and adaptation of *S. aureus* on lesions of children with atopic dermatitis
Maria Teresa Garcia Romero, MD/MPH, National Institute for Pediatrics, Mexico
- 8:20 am Abstract #390: Second-hit, post-zygotic pmVK and MVD mutations cause linear porokeratosis
Lihí Atzmony-Maoz, MD, Yale University

Carcinogenesis and Cancer Genetics, Selected ePoster Discussions II (10:45 am – 11:45 am)

Continental Ballroom A

- 11:09 am Abstract #139: Transforming growth factor- β 1 secreted by dermal fibroblasts induces an epithelial-to-mesenchymal transition in recessive dystrophic epidermolysis bullosa squamous cell carcinoma
W. Chen et al. University of Minnesota Stem Cell Institute, Minnesota and University of Minnesota, Minnesota

Pharmacology and Drug Development, Selected ePoster Discussions II (10:45 am – 11:45 am)

Continental Ballroom B

- 11:15 am Abstract #702: Plasma exosomal miR-375-3p regulates mitochondria-dependent keratinocyte apoptosis by targeting XIAP in SJS/TEN
C. Zhang et al. Xijing Hospital, Fourth Military Medical University, Xi'an, China, Xi'an, ShaanXi, China

Innate Immunity, Microbiology, Microbiome, Selected ePoster Discussions III (11:45 am – 12:45 pm)

Stevens Salon D

- 11:45 am Abstract #522: Gut microbiota is required for the development of alopecia areata
R. Perez-Lorenzo et al. Columbia University, New York
- 12:09 pm Abstract #485: Mast cells in neonatal skin are functionally immature and hardly sensitized with IgE
T. Honda et al. Kyoto University, Kyoto, Japan

Translational Studies, Selected ePoster Discussions III (11:45 am – 12:45 pm)

Continental Ballroom A

- 11:57 am Abstract #1038: Convergent molecular and histologic profiles of guttate and plaque psoriasis
J. E. Hawkes et al. Rockefeller University, New York and University of Utah, Utah
- 12:21 pm Abstract #993: Molecular abnormalities of early-onset pediatric atopic dermatitis are captured by tape strips
A. Diaz et al. Icahn School of Medicine at Mount Sinai, New York; Northwestern University, Illinois; The Rockefeller University, New York

Skin, Appendages, and Stem Cell Biology, Selected ePoster Discussions III (11:45 am – 12:45 pm)

Continental Ballroom B

- 12:03 pm Abstract #924: Efficient genome editing using CRISPR/Cas9 ribonucleoprotein approach in iPS cells for recessive dystrophic epidermolysis bullosa
J. Jackow et al. Columbia University, New York; School of Medicine and Health Sciences TecSalud ITESM, Mexico; Niigata University, Niigata, Japan

Tissue Regeneration and Wound Healing, Selected ePoster Discussions III (11:45 am – 12:45 pm)

Continental Ballroom C

- 11:45 am Abstract #954 MagneTEskin – Orientation matters
C. Fuchs et al. Wellman Center for Photomedicine, Massachusetts and Harvard Medical School, Massachusetts
- 12:27 pm Abstract #958: Pharmacological inhibition of JAK/STAT signaling by tofacitinib prevents organ fibrosis: Novel therapy for scleroderma
S. Bhattacharyya et al. Northwestern University, Illinois and Medical University of South Carolina, South Carolina

American Hair Research Society Scientific Meeting and Annual General Meeting (7:00 pm – 9:30 pm)

International Ballroom North

- 7:00 pm Poster Viewing & Reception
- Abstract #98: Simvastatin decreases AA-associated Inflammation through effects on isoprenoid metabolites.
Gina DelCanto et al.
- Abstract #99: CD4 T cells require CD8 T cells to induce disease in murine alopecia areata.
Sydney Crofts et al.

Abstract #97: LFA-1 blockade prevents the onset of alopecia areata in C3H/HeJ mice.
Zhenpeng Dai et al.

Abstract #85: Autoantigen screening in C3H/HeJ mouse model of alopecia areata revealed high antigenicity of melanocyte associated antigen epitopes.
Eddy Hsi Chun Wang et al.

8:15 pm

Oral Presentations

Abstract #96: Identification of T cell receptor α and β chains responsible for AA pathogenesis via single cell TCR sequencing.
Gwennaelle Celine Monnot et al.

Abstract #838: An eQTL in syntaxin17 (STX17) leads to disrupted melanogenesis in alopecia areata.
Stephanie O Erjavec et al.

Progress in Epidermolysis Bullosa, DEBRA Symposium at SID (7:00 pm – 10:00 pm)

7:00 pm

Abstract Presentations on Cutting Edge EB Research

Abstract #414: Uncovering the cause of early lethality in generalized severe junctional epidermolysis bullosa
Yenamandra et al., University Medical Center Groningen, The Netherlands

Abstract #1036: Scalable production of CRISPR-corrected autologous iPSC derived skin grafts to treat epidermolysis bullosa
Torkelson et al., University of Colorado, USA

SATURDAY, May 11th

Chinese Society for Investigative Dermatology (CSID) Research Forum (1:00 pm – 4:00 pm)

Waldorf Room

3:02 pm

Abstract #328 - Expression of MRGPRX2(B2) on mast cells is upregulated in the skin lesion of atopic dermatitis
X. Luo et al. Children's Hospital of Chongqing Medical, China

3:14 pm

Abstract #513 - NLRP3-dependent innate cytokine IL-1 β in keratinocytes promotes immune response of CD4 and CD8 T cells in vitiligo patients
S. Li et al. Fourth Military Medical University, China

Posters

6	Topical application of caffeoyl prolyl histidine amide suppresses 2,4-dinitrochlorobenzene-induced atopic dermatitis-like symptoms in BA
14	Psoriatic regulatory T cells are impaired in their suppressive activity and respond differently to IL-33
15	The adaptor protein Act1 plays a key role in psoriatic inflammation mediated by IL23
19	Serum RIP3 level as a severity-predictive marker for Stevens-Johnson syndrome and toxic epidermal necrolysis
22	Diet-induced obesity predisposes anti-PD-1 antibody-treated mice to imiquimod-mediated psoriasiform dermatitis: implications for imm
28	Comprehensive assessment of T cell receptor β repertoire in Stevens-Johnson syndrome/Toxic Epidermal Necrolysis patients using high-
36	CXCL10 expression is regulated by keratinocyte STAT3 signaling and inhibits skin inflammation
58	A new combination of multiple autoimmune syndrome? Coexistence of alopecia areata, vitiligo and psoriasis
62	Granzyme B-mediated cleavage of hemidesmosomal proteins contributes to blister formation in epidermolysis bullosa acquisita
66	Skin-targeted delivery of crude peanut extracts using dissolving microneedle arrays
67	Comparison of histologic features in biopsies of patients with tumor necrosis factor- α -induced psoriasiform reactions and psoriasis vulga
74	Evolution of pathologic T-cell subsets in atopic dermatitis from infancy to adulthood
75	Effect of novel usnic acid derivative on atopic dermatitis
80	Mouse models of alopecia areata: C3H/HeJ mice versus the humanized AA mouse model
85	Autoantigen screening in C3H/HeJ mouse model of alopecia areata revealed high antigenicity of melanocyte-associated antigen epitopes
89	Energy sensor, stress-induced mTOR inhibitor REDD1 controls response to allergic contact dermatitis
96	Identification of T cell receptor α and β chains responsible for AA pathogenesis via single cell TCR sequencing
97	LFA-1 blockade prevents the onset of alopecia areata in C3H/HeJ mice
98	Simvastatin decreases AA-associated inflammation through effects on isoprenoid metabolites
99	CD4 T cells require CD8 T cells to induce disease in murine alopecia areata
103	2D visualization of the psoriasis transcriptome fails to support the existence of dual-secreting IL-17A/IL-22 Th17 T cells
105	Neutralization of IL-12 and IL-23 does not prevent experimental alopecia areata
107	Up-regulated ADP/ATP translocase 2 in psoriasis leads to keratinocyte hyperproliferation by modulating mitochondrial energy homeosta
114	Cutaneous T-Cell lymphoma is genetically and clonotypically heterogeneous
116	Mosaic RASopathies associated with rhabdomyosarcoma
119	Genetic alterations in cutaneous squamous cell carcinoma arising in immunocompromised patients: a review of the current literature
125	Induced DNA repair in Xeroderma Pigmentosum Group C Cells by readthrough of Premature Termination Codons (PTC)
126	Anatomic distribution of cutaneous melanoma in patients with and without germline CDKN2A and CDK4 mutations

127	Digital droplet PCR assays for the detection of leukemia mutations in a xeroderma pigmentosum patient with mixed phenotype acute le
139	Transforming growth factor- β 1 secreted by dermal fibroblasts induces an epithelial-to-mesenchymal transition in recessive dystrophic ep
146	N-myc downstream regulated gene 1 (NDRG1) promotes adipocyte differentiation in infantile hemangioma endothelial cells
147	Ruxolitinib reverses accelerated tumor growth of RDEB-cSCCs in a xenograft mouse model
174	Outpatient healthcare utilization patterns for atopic dermatitis among US children and adults
175	Association of particulate matter air pollution and itch: a digital epidemiology approach
179	Allergy patterns in a florida-based private practice dermatology office
180	Skin health practices and skin risk behaviors of youth sexual minorities
182	Proposing a standard psychodermatological classification system for clinical and epidemiological communication and research
183	Association of atopic dermatitis, ultraviolet radiation and climate factors: a systematic review and ecological meta-analysis
184	Prevalence of hidradenitis suppurativa stratified by age and sex
187	Characterizing amelanotic melanoma and factors associated with survival
192	Diagnostic delay in hidradenitis suppurativa
198	Interests in exchanging digital images or videos with healthcare providers: a national survey
204	The malignancy potential of porokeratosis: a single-center retrospective study
213	Red cell distribution width may mark cardiovascular risk among pediatric psoriasis patients
214	Patterns of atopic eczema disease activity from birth through mid-adulthood in two British birth cohorts
219	A systematic review and meta-analysis of the association between hidradenitis suppurativa, depression, suicidal ideation, and anxiety
220	County-level associations between climate factors and cutaneous melanoma incidence in the US
223	Association between itch and cancer in 4,543 pediatric patients at a tertiary care center
224	Patient preferences when choosing a dermatologist
229	Hospital readmission in US adults and children with psoriasis
231	Epidemiology of alopecia areata, totalis, universalis, and ophiasis: A systematic review and meta-analysis
239	Age of atopic dermatitis onset influences longitudinal disease control and persistence in children
243	Investigation of the prevalence and clinical characteristics of sensitive skin in adolescents in Xinjiang
246	The burden of atopic dermatitis in an underserved and diverse urban population: A pilot study
248	Patient and physician perspectives in atopic dermatitis: a population-based cross-sectional study
249	Characterization of international oral antibiotic use for acne
250	Skin comorbidities in children with atopic dermatitis: A population-based, cross-sectional analysis
251	Natural history of wounds in patients with recessive dystrophic epidermolysis bullosa
297	KCa3.1-overexpression in skin causes pruritic eczema and epidermal hyperplasia

299	IL-31/IL-31 receptor alpha interaction augments IL-4-induced Ccl 17 and Ccl 22 production in dendritic cells
324	A potential role of galectin-7 as a stabilizer for IL-4/IL-13-induced barrier disruption in atopic dermatitis
328	Expression of MRGPRX2(B2) on mast cells is upregulated in the skin lesion of atopic dermatitis
344	The correlation between the diseases severity in children of Staphylococcal scalded skin syndrome and impetigo and serum levels of anti
355	Validation of a novel patient-operated device for measuring skin barrier function in atopic dermatitis
359	Lipidome alterations in psoriasis and atopic dermatitis
360	Assessment of skin barrier function from skin images with topological data analysis
367	Cutaneous features and variant allele fraction correlate with disease severity in mosaic tuberous sclerosis complex
370	Genetically corrected autologous keratinocyte epidermal grafts improve wound healing and patient reported outcomes in patients with r
373	Comparative analysis of acne and rosacea transcriptomes identifies compounds that target distinct diseasespecific signatures of pathogenic inflammation and lipid biosynthesis
379	KB105: An HSV-based gene therapy vector engineered to deliver functional TGM1 to Autosomal Recessive Congenital Ichthyosis (ARCI) k
380	KB104: an HSV-based gene therapy vector engineered to deliver functional SPINK5 for the treatment of Netherton Syndrome
381	Desmoglein 1 role in gap junction turnover revealed through the study of SAM syndrome
384	First in human use of a novel in vivo gene therapy to successfully correct recessive dystrophic epidermolysis bullosa (RDEB) skin: Results
385	Patterning of linear morphea on the face and neck: Blaschkoid or not?
388	A multicenter study on the use of Sildenafil for lymphatic malformation in children
390	Second-hit, post-zygotic PMVKand MVD mutations cause linear prokeratosis
392	Altered keratinocyte differentiation is an early driver of keratin mutation-based palmoplantar keratoderma lesions
393	Rare genetic mutations identify extracellular matrix genes as a contributing factor in alopecia areata etiology
394	Topically-applied bispecific nanoconstructs concurrently targeting TNFA and IL17RA reverse psoriasis-like changes in the imiquimod-indu
410	Pyrin-associated auto-inflammation with neutrophilic dermatosis (PAAND): Novel autosomal recessive MEFV mutation and successful tre
413	One-step iPSC-reprogramming and genome-editing on primary fibroblasts using CRISPR/Cas9 ribonucleoprotein approach for recessive dy
414	Uncovering the cause of early lethality in generalized severe junctional epidermolysis bullosa
416	Regulation of the number of melanocytic nevi by the RAS pathway in cardio-facio-cutaneous and Costello syndromes
419	GTEx-skin eQTLs and uncommon variants associated with decreased Involucrin expression are enriched with FLG LOF variants in atopic d
445	Microbial dysbiosis in the skin and the gastrointestinal tract of acne patients
453	Skin microbiota in children with atopic dermatitis and their dynamic changes during clinical treatment

455	Comparison of the skin microbiota in acne and rosacea
456	Bacterial wound isolates and antibiotic susceptibility in Epidermolysis Bullosa
480	The characteristics of patients with persistent HHV-6 infection after drug-induced hypersensitivity syndrome/drug reaction with eosinop
484	Diversity and adaptation of <i>S. aureus</i> on lesions of children with atopic dermatitis
485	Mast cells in neonatal skin are functionally immature and hardly sensitized with IgE
489	Apple cider vinegar: a promising adjunctive anti-staphylococcal treatment in atopic dermatitis
500	Skin microbiota perturbations are clinical severity-dependent in hidradenitis suppurativa
508	Phenotypic characterization of epidermal Langerhans cells precursor during embryonic development in human
512	Impairment of skin microbiota by overcleansing
513	NLRP3-dependent innate cytokine IL-1 β in keratinocytes promotes immune response of CD4 and CD8 T cells in vitiligo patients
515	Identification of CC188, a unique and predominant strain of <i>Staphylococcus aureus</i> in Japanese atopic dermatitis patients
516	Possible role of ILC1 in the pathogenesis of alopecia areata (AA)
522	Gut microbiota is required for the development of alopecia areata
523	T-cell cytokines (IL-17 and IFN- γ) exacerbates innate immune responses in an organotypic human psoriasis tissue model
524	Evaluation of different skin collection methods for assessment of the skin microbiome
528	Curcumin-mediated modulation of bacterial communities in inflammatory skin dysbiosis
536	Systematic review and meta-analysis evaluating the effectiveness of different concentrations of intralesional triamcinolone for alopecia a
538	The vascular inflammation in psoriasis (VIP) trial: A secondary analysis of patient reported outcomes for patients treated with adalimuma
539	Knowledge, attitudes, and practices of clinicians on dermatology referrals in transgender medicine
541	Evaluation of optimal psoriasis assessment tool (OPAT) incorporating both clinical and patient-reported outcomes for treatment of mode
543	Novel surgical approach for management of cutaneous neurofibroma in patients with neurofibromatosis type 1
545	Utility of PROMIS Itch in dermatology
547	Effectiveness of etanercept in the treatment of toxic epidermal necrolysis
548	Serine protease activities in the stratum corneum of patients with atopic dermatitis are associated with the pathogenesis and the severity
549	Application of an adhesion tape to evaluate melanin repigmentation before and after narrow-band ultraviolet B treatment in vitiligo
554	Sirolimus gel effectively reduced neurofibromas in neurofibromatosis type 1 in a double-blind, placebo-controlled, randomized clinical tr
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
561	Robust measurement of clinical improvement in patients with cutaneous lupus erythematosus
563	Prevention of atopic dermatitis using emollients for 6 months - Follow-up for 24 months

571	Comparing the performance of two interferon-gamma release assays in autoimmune skin disease patients: A prospective study
572	Development and validation of a vulvar scarring severity scale for assessment of lichen sclerosis
573	Effectiveness of methods for sunscreen application counseling
594	Gentamicin therapy induces functional laminin 332 and improves wound healing in junctional epidermolysis bullosa patients harboring n
602	Improving knowledge and compliance of photoprotection in lupus patients
603	AD-DER emollient cream improves hydration and modulates vascularization in atopic dermatitis in vivo
605	Efficacy and safety of dupilumab in adolescent patients with moderate-to-severe atopic dermatitis
607	Validation of a pediatric ItchyQoL
608	A clinical study to test the efficacy of VB1953 in clindamycin non-responder acne patients with antibiotic-resistant P. acnes
611	Pityriasis rubra pilaris (PRP) treated with ixekizumab: Interim analysis of an open-label trial
616	Updates in therapeutics for pediatric alopecia areata: A systematic review with evidence-based analysis
617	Presentation of psoriasiform dermatitis in patients treated with dupilumab
621	Dupilumab in adolescents with moderate-to-severe atopic dermatitis and a history of inadequate response, or intolerance to cyclosporin
625	Retrospective review and telephone follow-up of adverse events resulting from standardized isotretinoin lab monitoring
628	Magnetic resonance imaging for assessment of disease activity in morphea
635	A novel method for evaluating physical signs of hidradenitis suppurativa: A pilot study
647	Basis for the link between atopic dermatitis and autism
675	Pilot study of topical sirolimus use for painful keratoderma in EBS patients
702	Plasma exosomal miR-375-3p regulates mitochondria-dependent keratinocyte apoptosis by targeting XIAP in SJS/TEN
704	Camouflage improves the quality of life and the response to treatment in patients with vitiligo
719	The effect and irritation of adapalene on Cutibacterium acnes via HTS
722	Type 2 helper T-cell (Th2) effects of crisaborole versus 3 topical corticosteroids (TCSs) with a range of potencies: An ex vivo human skin m
797	Appropriate sunscreen use in childhood reduces melanoma risk: The New York State Medicaid population model
838	An eQTL in syntaxin17 (STX17) leads to disrupted melanogenesis in alopecia areata
847	Teledermatology can optimize treatment of cutaneous disease in under-resourced clinics
862	Pain, itch and quality of life in persons with keloids
876	The association between rs2476601 polymorphism in PTPN22 gene and risk of alopecia areata: A meta-analysis of case-control studies
915	Dietary grape powder inhibits atopic dermatitis-like skin lesions in NC/Nga mice
924	Efficient genome editing using CRISPR/Cas9 ribonucleoprotein approach in iPS cells for recessive dystrophic epidermolysis bullosa
935	Clinical manifestations and quality of life in patients with recessive dystrophic epidermolysis bullosa

954	MagneTEskin - Orientation matters
958	Pharmacological inhibition of JAK/STAT signaling by tofacitinib prevents organ fibrosis: Novel therapy for scleroderma
982	Development and validation of a comprehensive acne grading system linking visual acne characteristics to clinician recommended treatment
993	Molecular abnormalities of early-onset pediatric atopic dermatitis are captured by tape strips
998	Ruxolitinib cream significantly modulates inflammatory profiles of atopic dermatitis patients
1004	Increased tissue-resident memory T (TRM) cells and STAT3 expression in cutaneous lupus erythematosus patients refractory to antimalars
1006	Prevalence and impact of dietary avoidance among individuals with hidradenitis suppurativa
1017	Assessing of the burden of plant-related allergic contact dermatitis in Pennsylvania to expand the public health applications of dermatology
1028	Deciphering the mechanism of action of isotretinoin in acne patients using next generation sequencing technologies
1036	Scalable production of CRISPR-corrected autologous iPSC derived skin grafts to treat epidermolysis bullosa
1038	Convergent molecular and histologic profiles of guttate and plaque psoriasis
1039	Novel mouse model of recessive dystrophic epidermolysis bullosa-squamous cell carcinoma
1040	Photographing alopecia - How many pixels are needed for clinical evaluation?