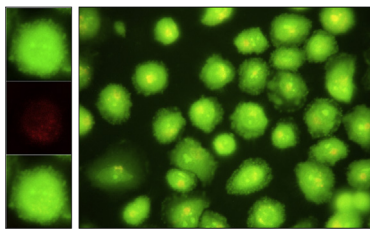




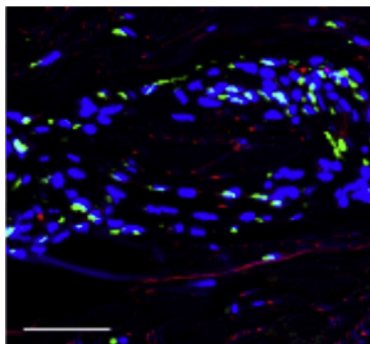
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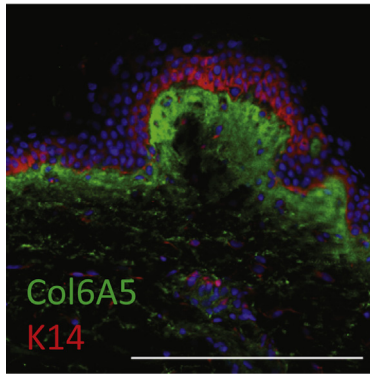
- 741 **Decreased Skin Barrier Lipid Acylceramide and Differentiation-Dependent Gene Expression in Ichthyosis Gene *Nipal4*-Knockout Mice**
Y Honda, T Kitamura, T Naganuma, T Abe, Y Ohno, T Sassa and A Kihara

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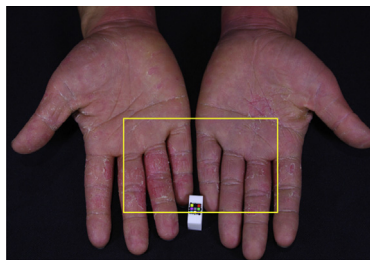
- 750 ***Propionibacterium acnes* Induces Autophagy in Keratinocytes: Involvement of Multiple Mechanisms**
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Clinical Research: Epidemiology

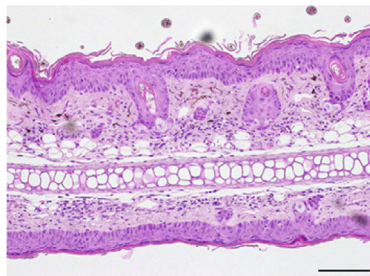
- 760 **Risk of Incident Liver Disease in Patients with Psoriasis, Psoriatic Arthritis, and Rheumatoid Arthritis: A Population-Based Study**
A Ogdie, SK Grewal, MH Noe, DB Shin, J Takeshita, ZC Chiesa Fuxench, RM Carr and JM Gelfand



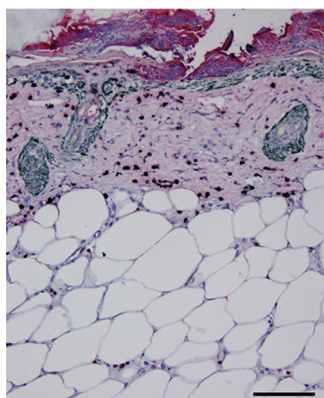
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775 Differential Drug Survival of Second-Line Biologic Therapies in Patients with Psoriasis: Observational Cohort Study from the British Association of Dermatologists Biologic Interventions Register (BADBIR)

IYK Iskandar, RB Warren, M Lunt, KJ Mason, I Evans, K McElhone, CH Smith, NJ Reynolds, DM Ashcroft and CEM Griffiths, on behalf of the BADBIR Study Group

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785 Intentional and Unintentional Medication Non-Adherence in Psoriasis: The Role of Patients' Medication Beliefs and Habit Strength

RJ Thorneloe, CEM Griffiths, R Emsley, DM Ashcroft and L Cordingley, on behalf of the British Association of Dermatologists Biologic Interventions Register and Psoriasis Stratification to Optimise Relevant Therapy Study Groups

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Clinical Research: Therapeutics

795 MABp1 Targeting IL-1 α for Moderate to Severe Hidradenitis Suppurativa Not Eligible for Adalimumab: A Randomized Study

T Kanni, M Argyropoulou, T Spyridopoulos, A Pistiki, M Stecher, CA Dinarello, J Simard and EJ Giamarellos-Bourboulis

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802 SFRP2/DPP4 and FMO1/LSP1 Define Major Fibroblast Populations in Human Skin

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811 Spatial and Single-Cell Transcriptional Profiling Identifies Functionally Distinct Human Dermal Fibroblast Subpopulations

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826 Antisense Long Non-Coding RNAs Are Deregulated in Skin Tissue of Patients with Systemic Sclerosis

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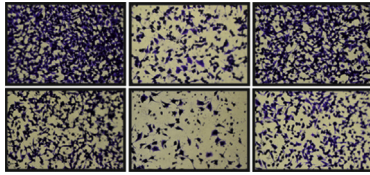
844 Skin-Specific CD301b⁺ Dermal Dendritic Cells Drive IL-17–Mediated Psoriasis-Like Immune Response in Mice

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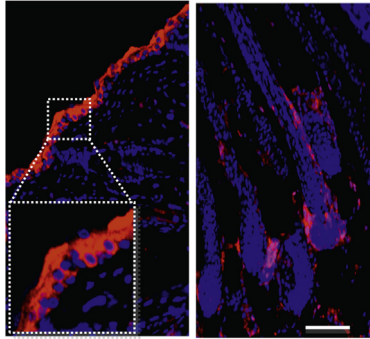
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854 Exacerbation and Prolongation of Psoriasiform Inflammation in Diabetic Obese Mice: A Synergistic Role of CXCL5 and Endoplasmic Reticulum Stress

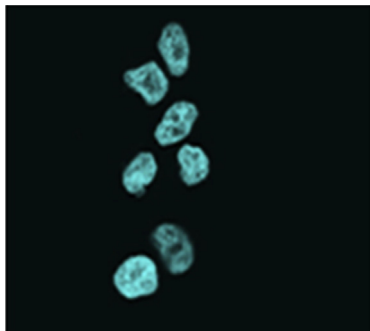
N Shimoura, H Nagai, S Fujiwara, H Jimbo and C Nishigori



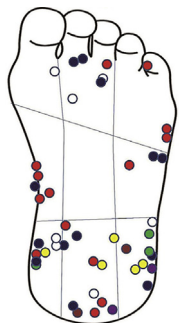
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882 Genome-Wide Screen for MicroRNAs Reveals a Role for miR-203 in Melanoma Metastasis

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893 Keratinocyte Sonic Hedgehog Upregulation Drives the Development of Giant Congenital Nevi via Paracrine Endothelin-1 Secretion

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922 Cooperativity of HOXA5 and STAT3 Is Critical for HDAC8 Inhibition-Mediated Transcriptional Activation of PD-L1 in Human Melanoma Cells

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946 Merkel Cells Sense Cooling with TRPM8 Channels

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957 Analyzing the Genetic Spectrum of Vascular Anomalies with Overgrowth via Cancer Genomics

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N Chmel, O Bornert, I Hausser, G Grüninger, W Borozkin, J Kohlhase, A Nyström and C Has

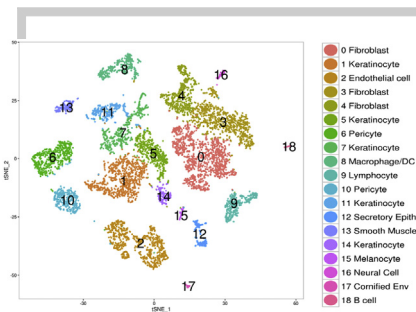
991 The Genetics of Seborrheic Dermatitis: A Candidate Gene Approach and Pilot Genome-Wide Association Study

MGH Sanders, LM Pardo, AG Uitterlinden, AM Smith, RS Ginger and T Nijsten

994 Evaluating STZ-Induced Impaired Wound Healing in Rats

DM Ansell, C Marsh, L Walker, MJ Hardman and K Holden

998 ADDENDUM



COVER IMAGE

Dissociated human skin cells were subjected to single cell RNA-seq. Combined cell-gene matrices were analyzed by principal component analysis followed by t-distributed stochastic neighbor embedding (t-SNE), visualization, and clustering. See the Article by Tabib and coworkers (p. 802) for details. Also see the related article by Philippeos and coworkers (p. 811) and the relevant Commentary by Hu, Moore and Longaker (p. 729).