EDITORIAL
1879 Research Techniques Made Simple in 2020: Great Ideas Have Lasting Impact
MC Udey and JL Johnson

1880 A Clinician Educator’s Perspective on Research Techniques Made Simple Articles
AC Musiek

1882 Jumpstarting the Journal of Investigative Dermatology’s Social Media Effort: Calling on Experts
MC Udey

1884 Social Media: A New Tool for Scientific Engagement
L Shmuylovich, A Grada and R Daneshjou

1886 Clinical Snippets

1887 Editors’ Picks

JID CONNECTOR
1888 Research Techniques Made Simple: Developing and Validating QOL Outcome Measures for Skin Diseases
H Braun, H Yeung and SC Chen

e109 SnapshotDx Quiz: October 2020
GC Barber and BF Chong

e115 Cells to Surgery Quiz: October 2020
CS Greif and RI Nijhawan

COMMENTARIES
1893 Risk Factors Party Together: The Role of Perineural Invasion and Desmoplasmia in Cutaneous Squamous Cell Carcinoma Prognosis
A Jambusaria-Pahlajani, PS Karia and CD Schmults

1895 Perioperative Noninvasive Optical Imaging: A Changing Paradigm for Management of Keratinocyte Carcinomas
C Navarrete-Dechent, M Rajadhyaksha and KS Nehal

ORIGINAL ARTICLES
Aging
1899 Epidermal Mineralocorticoid Receptor Inactivation Affects the Homeostasis of All Skin Layers in Chronologically Aged Mice
J Bigas, LM Sevilla and P Pérez

Appendages
1909 GPR119 Is a Potent Regulator of Human Sebocyte Biology
A Markovics, Á Angyal, KF Tóth, D Ádám, Z Pénzes, J Magi, Á Pór, I Kovács, D Töröcsik, CC Zouboulis, T Bíró and A Oláh

Autoimmunity/Autoinflammation
1919 Pemphigus Vulgaris and Foliaceous IgG Autoantibodies Directly Block Heterophilic Transinteraction between Desmoglein and Desmocollin
K Ishii, K Yoshida, JR Stanley, J Yamagami, M Amagai and A Ishiko

Barrier Function
1927 Murine Epidermal Ceramide Synthase 4 Is a Key Regulator of Skin Barrier Homeostasis
F Peters, F Tellkamp, S Brodesser, E Wachsmuth, B Tosetti, U Karow, W Bloch, O Utermöhlen, M Krönke and CM Niessen
1938 Rosacea Is Characterized by a Profoundly Diminished Skin Barrier

Carcinogenesis/Tumorigenesis

1951 Pivotal Involvement of the CX3CL1-CX3CR1 Axis for the Recruitment of M2 Tumor-Associated Macrophages in Skin Carcinogenesis
Y Ishida, Y Kuninaka, Y Yamamoto, M Nosaka, A Kimura, F Furukawa, N Mukaida and T Kondo

Clinical Research

1962 Optical Coherence Tomography for Noninvasive Diagnosis and Subtyping of Basal Cell Carcinoma: A Prospective Cohort Study
KA E Sinx, E van Loo, EHJ Tonk, NWJ Kelleners-Smeets, VJL Winnepenninckx, PJ Nelmans and K Mosterdel

1968 Prognostic Impact of Perineural Invasion in Cutaneous Squamous Cell Carcinoma: Results of a Prospective Study of 1,399 Tumors
K Haug, H Breuninger, G Metzler, T Eigentler, M Eichner, H-M Haﬁner and SM Schnabl

1976 The Role of Teledermatology and Teledermoscopy in the Diagnosis of Actinic Keratosis and Field Cancerization
J Sola-Ortigosa, C Muñoz-Santos, T Masat-Tico, J Isidro-Ortega and A Guilabert, on behalf of Grup d’Estudi de Teledermatologia del Vallès Oriental

Genetics/Genetic Disease

1985 Predictable CRISPR/Cas9-Mediated COL7A1 Reframing for Dystrophic Epidermolysis Bullosa
T Kocher, OP March, J Bischof, B Liemberger, S Hainzl, A Klausegger, A Hoog, D Strunk, JW Bauer and U Koller

Imaging

1994 Dual-Wavelength Optical Polarization Imaging for Detecting Skin Cancer Margins
AN Yaroslavsky, X Feng, SH Yu, PR Jermain, TW Iorizzo and VA Neel

Inflammation

2001 Anti-Inflammatory Effects of Potassium Iodide on SDS-Induced Murine Skin Inflammation
S Hayashi, S Ishikawa, E Ishii, M Koike, T Kaminaga, Y Hamasaki, T Sairenchi, G Kobashi and K Igawa

Lymphoma/Lymphoproliferative Disorders

2009 Involvement of p53 Acetylation in Growth Suppression of Cutaneous T-Cell Lymphomas Induced by HDAC Inhibition
X Yu, H Li, M Zhu, P Hu, X Liu, Y Qing, X Wang, H Wang, Z Wang, J Xu, R Tan, Q Guo and H Hui

2023 Recurrent Oncogenic JAK and STAT Alterations in Cutaneous CD30-Positive Lymphoproliferative Disorders
K Maurus, S Appenzeller, S Roth, S Brändlein, H Kneitz, M Goebeler, A Rosenwald, E Geissinger and M Wobser

Melanocytes/Melanoma

2032 The Polyamine Putrescine Promotes Human Epidermal Melanogenesis
A Sridharan, M Shi, VI Leo, N Subramaniam, TC Lim, T Uemura, K Igarashi, ST Tien Guan, NS Tan and LA Vardy

Neurobiology

2041 Molecular Signature of Pruriceptive MrpgrA3+ Neurons
Y Xing, J Chen, H Hilley, H Steele, J Yang and L Han
Pharmacology/Drug Development

2051 Enhanced and Sustained Cutaneous Delivery of Vismodegib by Ablative Fractional Laser and Microemulsion Formulation
UH Olesen, G Clergeaud, KK Hendel, K Yeung, CM Lerche, TL Andresen and M Haedersdal

Tumor Biology

2060 Inhibition of Endoglin Exerts Antitumor Effects through the Regulation of Non-Smad TGF-β Signaling in Angiosarcoma

LETTERS TO THE EDITOR

2073 Skin Infiltration of Pathogenic Migratory and Resident T Cells Is Decreased by Secukinumab Treatment in Psoriasis
T Fujiyama, T Umayahara, K Kurihara, T Shimauchi, T Ito, M Aoshima, E Otobe, H Hashizume, H Yagi and Y Tokura

2077 BRD4 Is Necessary for Differentiation Downstream of Epidermal Lineage-Determining Transcription Factors
J Jones, Y Chen, M Tiwari, J Li, J Ling and GL Sen

2081 TEAD1 and TEAD3 Play Redundant Roles in the Regulation of Human Epidermal Proliferation
J Li, M Tiwari, X Xu, Y Chen, P Tamayo and GL Sen

2085 Low Prevalence of GSC Gene Mutations in a Large Cohort of Predominantly Caucasian Patients with Hidradenitis Suppurativa

2089 Divergent Roles of Epithelium-Derived Alarmins in Notch Signaling-Deficient Skin
JL Messerschmidt, KE Dempsey, KS Dillon and S Demehri

2093 Mutation Signatures in Melanocytic Nevi Reveal Characteristics of Defective DNA Repair
MS Stark, E Denisova, TA Kays, B Heidenreich, S Rachakonda, C Requena, RA Sturm, HP Soyer, E Nagore and R Kumar

COVER IMAGE
Kocher and coworkers used CRISPR/Cas9 methodology to efficiently induce expression of COL7A1 (C7) in primary keratinocytes obtained from a patient with recessive dystrophic epidermolysis bullosa (RDEB) by reversing the effects of a deleterious frameshift mutation in the corresponding gene. For details, see the article on page 1985.