Stanford



M. Peter Marinkovich, MD

Associate Professor of Dermatology

CLINICAL OFFICE (PRIMARY)

- **Medical Dermatology**

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ACADEMIC CONTACT INFORMATION

- **Marinkovich Lab Contact**

  Kunju Joshi Sridhar - Research Scientist

  Email kunju@stanford.edu

Bio

BIO

Peter Marinkovich, M.D., is an Associate Professor of Dermatology, a faculty member of the Program in Epithelial Biology and the Stanford Cancer Biology Program. He has an interest in inflammatory skin disease and is Director of the Stanford Bullous Disease and Psoriasis Clinics as well as an attending dermatologist at the VA Palo Alto Medical Center. Dr. Marinkovich's research focuses on pathogenesis and therapy of epidermolysis bullosa, autoimmune blistering diseases, psoriasis and skin cancer.

CLINICAL FOCUS

- Cancer > Cutaneous (Dermatologic) Oncology
- Epidermolysis Bullosa
- Autoimmune Blistering Diseases
- Pemphigus
- Pemphigoid
- Linear IgA Disease
- Dermatitis Herpetiformis
- Herpes Gestations
- Dermatology

ACADEMIC APPOINTMENTS

- Associate Professor, Dermatology
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Attending Physician, Palo Alto VA Medical Center, Dermatology, (1995- present)
- Director, Blistering Disease Clinic, Department of Dermatology, Stanford University School of Medicine, (1995- present)
- Site Investigator, National Epidermolysis Bullosa Registry, Stanford University School of Medicine, (1995- present)

HONORS AND AWARDS

- 1st Annual Jouni Uitto Impact Award, debra of America Annual Benefit (2023)
- Harrington Scholar-Innovator Award, Harrington Discovery Institute (2016)
- Setekwagon Award, American Academy of Dermatology (AAD) Association (1993)
- First Place Award, Oregon Health & Science University (OHSU) Alumni Assocation (1992)
- Nelson Paul Anderson Essay Award, Pacific Dermatologic Association (1992)
- Gold Award, American Academy of Dermatology (AAD) Association (1990)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Program Committee, EB Clinet (2025 - present)
- Committee Member, Dermatology Diversity and Inclusion Committee, Stanford University School of Medicine (2022 - present)
- Member, Society for Investigative Dermatology (SID) (2021 - present)
- Senior Member, American Dermatological Association (ADA) (2015 - 2016)
- Member, Institute for Immunity, Transplantation and Infection, Stanford University School of Medicine (2011 - present)
- Member, Medical Institutional Board Review 4, Stanford University School of Medicine (2005 - present)
- Member, Cancer Center, Stanford University School of Medicine (2004 - present)
- AAD Fellow, American Academy of Dermatology (AAD) Association (1997 - present)

PROFESSIONAL EDUCATION

- Board Certified, American Board of Dermatology (ABD) , Dermatology (1995)
- Dermatology Resident Physician, Oregon Health & Science University (OHSU) , Dermatology (1994)
- Postdoctoral Research Fellowship, Shriners Hospital for Crippled Children, Portland, Oregon , Dermatology (1991)
- Medical Internship, University of California San Francisco, San Joaquin Valley PRIME+ Program , Clinical Residency (Internal Medicine) (1989)
- Medical Director, Saint Louis University School of Medicine , Medical Education (1988)
- BA with Honors, University of California Santa Cruz , Biology (1984)

PATENTS

- Zurab Siprashvili, Ngon T. Nguyen, M. Peter Marinkovich, Jean Tang, Alfred T. Lane, Paul A. Khavari. "United States Patent US12110504B2 Gene therapy for recessive dystrophic epidermolysis bullosa using genetically corrected autologous keratinocytes", Leland Stanford Junior University, US Department of Veterans Affairs VA, Oct 8, 2024
- M. Peter Marinkovich, Alfred T. Lane, Jayakumar Rajadas. "United States Patent US9403895B2 Production and Delivery of a Stable Collagen", Leland Stanford Junior University, US Department of Veterans Affairs VA, Aug 2, 2016
- M. Peter Marinkovich, Jing Gao, Xiaoyu Xu, Jayakumar Rajadas. "United States Patent US9351914B2 Methods for Modulating Hair Growth Using Truncated Laminin-511", Leland Stanford Junior University, US Department of Veterans Affairs VA, May 31, 2016
- M. Peter Marinkovich, Alfred T. Lane, Jayakumar Rajadas. "United States Patent US9040484B2 Production and Delivery of a Stable Collagen", Leland Stanford Junior University, US Department of Veterans Affairs VA, May 26, 2015
- M. Peter Marinkovich. "United States Patent US7875277B2 Compositions and methods for inhibiting squamous cell carcinoma", Leland Stanford Junior University, US Department of Veterans Affairs VA, Office of General Counsel of VA, Jan 25, 2011

- Robert E. Burgeson, Gregory P. Lunstrum, Patricia Rouselle, Douglas R. Keene, M. Peter Marinkovich. "United States Patent US6133236A Products and methods for improving keratinocyte adhesion to the dermis", Oregon Health Sciences University State of Oregon Acting by and through SBHE on Behalf of Oregon Health Science University, Oct 17, 2000
- Robert E. Burgeson, Gregory P. Lunstrum, Patricia Rousselle, Douglas R. Keene, M. Peter Marinkovich. "United States Patent US5770562A Products and methods for improving keratinocyte adhesion to the dermis", Oregon Health Science University, Jun 23, 1998
- Robnert E. Burgeson, Gregory P. Lunstrum, Patricia Rousselle, Douglas R. Keene, M. Peter Marinkovich. "United States Patent US5352668A Product and method for improving keratinocyte adhesion to the dermis", Oregon State Board of Higher Education Oregon Health Science University, Oct 4, 1994

LINKS

- Marinkovich's Dermatology Laboratory: http://bmz.stanford.edu/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The extracellular matrix of epithelial tissues plays a critical role in many important biological processes such as tissue development and differentiation, wound healing, tumor invasion, cell proliferation and cell migration. A highly organized array of these molecules, termed the basement membrane, lies at the interface of epithelial tissues with surrounding stroma. Cell surface receptors termed integrins transmit the informational cues brought about by changes in the extracellular environment, and transmit them, via intracellular signaling, to effect changes in epithelial gene expression. Laminins and collagens are molecules of the extracellular matrix which play particularly crucial roles in epithelial development.

EXTRACELLULAR MATRIX IN CARCINOMA INVASION

Laminin-5 and its cell surface receptor a6b4 integrin are required for development of squamous cell carcinomas. Lack of either of these molecules results in a lack of tumor growth, whereas overexpression of these molecules correlates with increasing tumor invasiveness and a worsening patient prognosis. We have identified that laminin-5 undergoes proteolytic processing of two of its three chains, via mammalian Tolloid, a metalloprotease of the astacin family. Processing of laminin-5 promotes tumor invasion. We are currently studying the mechanisms whereby these processing events influence tumor cell invasion, migration and metastasis. Type VII collagen appears to play a key role in tumor invasion, and appears to operate through association with laminin-5. We are currently studying the mechanism of this association and its role in tumorigenesis. The laminin-5 receptor a6b4 integrin interacts with laminin-5 at one end and with intracellular protein complexes at the other end, through which it transmits important signaling information to the cell. Disruption of laminin-5 binding or binding to the intracellular protein plectin, through site directed mutagenesis results in a lack of tumor growth, indicating that integrin binding to laminin-5 and integrin binding to plectin are both critical in tumor progression. We are currently studying the mechanisms whereby these binding events promote tumor progression. The molecule collagen XVII is closely associated with laminin-5 and a6b4 integrin and also is required for tumor invasion. The C-terminal extracellular domain of this molecule appears to play a critical role in interaction with extracellular matrix molecules and in organizing cell adhesion structures. It is also a focus of our studies of the role of extracellular matrix in tumor progression.

EXTRACELLULAR MATRIX IN HAIR DEVELOPMENT

Laminin-10 is a widely expressed molecule found in a number of epithelial tissues. Lack of laminin-10 in lama5 -/- mice results in aberrant tissue development. In the skin, there is a complete lack of hair follicle development. Exogenous delivery of laminin-10 rescues hair development in lama5 -/- skin. Laminin-10 appears to act as a potent morphogen, stimulating hair follicle development in the skin of these mice. We are currently examining this system to further understand the mechanisms whereby laminin-10 facilitates hair follicle development and basal cell carcinoma invasion, a developmentally similar process.

EXTRACELLULAR MATRIX IN EPITHELIAL ADHESION

Laminin-5, a6b4 integrin, type VII collagen and type XVII collagen each promote epithelial-mesenchymal cohesion. Defects of these molecule, in the inherited group of diseases known as epidermolysis bullosa, result in profound epithelial adhesion defects, causing extensive skin and mucosal blisters and erosions. As part of a Departmental effort, in association with the Khavari laboratory, our laboratory is participating in the study of new and novel forms of extracellular matrix gene replacement in these adhesion disorders, with the goal of translating these techniques to the clinical setting.

CLINICAL TRIALS

- Characteristics of Patients With Recessive Dystrophic Epidermolysis Bullosa, Recruiting
- Impact of COL7A1 Gene Therapy on SCC Recurrence in RDEB Skin, Recruiting
- Long-Term Follow-up Protocol, Recruiting
- A Double-blind, Randomized, Intra-subject Placebo-controlled, Multicenter, Multiple Dose Study, Evaluating Safety, Proof of Mechanism, Preliminary Efficacy and Systemic Exposure in Subjects With Confirmed DDEB or RDEB Diagnosis With One or More Pathogenic Mutations in Exon 73 in the COL7A1 Gene, Not Recruiting
- A Phase I/II Study of KB103, a Topical HSV1-COL7, on DEB Patients, Not Recruiting
- A Study of FCX-007 for Recessive Dystrophic Epidermolysis Bullosa, Not Recruiting
- Targeting Collagen VII Antibodies in Bullous Diseases Using Efgartigimod IV (VYVGART), Not Specified
- Targeting Collagen VII Antibodies With IV IgG in Dystrophic Epidermolysis Bullosa, Not Specified
- The Natural History of Wounds in Patients With Dystrophic Epidermolysis Bullosa (DEB), Not Specified

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Ana Ormaza Vera, Pragya Tripathi

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cancer Biology (PhD Program)
- Dermatology (Fellowship Program)

Publications

PUBLICATIONS

- **Treatment of aplasia cutis congenita in an infant with severe recessive dystrophic epidermolysis bullosa using beremagene geperpavec**
  Momin, N. S., Coleman, C., Guide, S., Marinkovich, M. P.
  ELSEVIER SCIENCE INC.2026: S112
- **Validation of the Investigator's Global Assessment Scale for Epidermolysis Bullosa Simplex** *JEADV CLINICAL PRACTICE*
  Pathmarajah, P., Li, S., Mathur, M. B., Teng, J. M. C., Marinkovich, M., Johnson, A. N., Admani, S., Eid, E., Tu, J., Mitchell, D. C., Perrone, L., Gaona, R., Tang, et al
  2026
- **Beyond Hematology-Current Insights into Chimeric Antigen Receptor (CAR) T-Cell Therapy for Skin and Connective Tissue Disorders.** *Cells*
  Ciosek, A., Hofmann, J., Galant, K., Marinkovich, M. P., Wierzbowska, A., Ciążyńska, M., Bień, N., Narbutt, J., Lesiak, A.
  2026; 15 (10)
- **Observations of dystrophic epidermolysis bullosa patients with collagen VII NC2 truncation provide new insights into anchoring fibril assembly.** *Matrix biology : journal of the International Society for Matrix Biology*
  Momin, N. S., Bagci, I. S., Dolorito, J. A., Tufa, S. F., Tripathi, P., Sridhar, K. J., Keene, D. R., Marinkovich, M. P.
  2026

- **An evaluation of prademagene zamikeracel for the treatment of recessive dystrophic epidermolysis bullosa.** *Expert opinion on biological therapy*
  Lesiak, A., Marinkovich, M. P.
  2026

- **Clinical and translational data from a first-in-human study of a novel precision cellular immunotherapy (DSG3-CAART) in mucosal pemphigus vulgaris**
  Payne, A. S., Nunez, D., Volkov, J., Thompson, D., Werner, M., Stadanlick, J., Ishikawa, L., Cicarelli, J., Lam, Q., Miller, C., Sheipe, K., Vieira, S., Porter, et al
  ELSEVIER SCIENCE INC.2025: S75

- **Clinical characteristics of recessive dystrophic epidermolysis bullosa patients with collagen VII antibodies**
  Truong, A., Horn, K., Levin, L., Gorell, E., Lucky, A. W., Augsburger, B., Levy, M., Perman, M., Tang, J. Y., Marinkovich, M., Morel, K.
  ELSEVIER SCIENCE INC.2025: S99

- **A tyrosine residue on b4 integrin endodomain plays a key role in epidermal tumorigenesis**
  Tripathi, P., Marinkovich, M., Kariya, Y.
  ELSEVIER SCIENCE INC.2025: S134

- **Prademagene zamikeracel for recessive dystrophic epidermolysis bullosa wounds (VIITAL): a two-centre, randomised, open-label, intrapatient-controlled phase 3 trial.** *Lancet (London, England)*
  Tang, J. Y., Marinkovich, M. P., Wiss, K., McCarthy, D., Truesdale, A., Chiou, A. S., Eid, E., McIntyre, J. K., Bailey, I., Furukawa, L. K., Gorell, E. S., Harris, N., Khosla, et al
  2025

- **Correction to: Long-Term Safety and Tolerability of Beremagene Geperpavec-svdt (B-VEC) in an Open-Label Extension Study of Patients with Dystrophic Epidermolysis Bullosa.** *American journal of clinical dermatology*
  Marinkovich, M. P., Paller, A. S., Guide, S. V., Gonzalez, M. E., Lucky, A. W., Bağcı, I. S., Agostini, B., Fitzgerald, K., Chen, S., Chen, H., Conner, M. M., Krishnan, S. M.
  2025

- **Long-Term Safety and Tolerability of Beremagene Geperpavec-svdt (B-VEC) in an Open-Label Extension Study of Patients with Dystrophic Epidermolysis Bullosa.** *American journal of clinical dermatology*
  Marinkovich, M. P., Paller, A. S., Guide, S. V., Gonzalez, M. E., Lucky, A. W., Bağcı, I. S., Agostini, B., Fitzgerald, K., Chen, S., Chen, H., Conner, M. M., Krishnan, S. M.
  2025

- **11-year Safety Profile of Pz-cel, an Autologous Cell-based Gene Therapy in Recessive Dystrophic Epidermolysis Bullosa**
  Gorell, E., Gaona, R., Marinkovich, M., Chiou, A., Wiss, K., Eid, E., Reusch, D., Truesdale, A., Abdelwahab, S., Tang, J.
  ELSEVIER SCIENCE INC.2025: e30

- **Correlative findings following DSG3-CAART infusion with and without preconditioning in patients with Pemphigus Vulgaris (DesCAARTesTM trial)**
  Nunez, D., Volkov, J. R., Thompson, D., Stadanlick, J., Werner, M., Cicarelli, J., Lam, Q., Miller, C. M., Sheipe, K. A., Porter, D., Fairly, J., Zhou, X., Shinohara, et al
  MARY ANN LIEBERT, INC.2025: E138

- **Functional genotype classification groups distinguish disease severity in recessive dystrophic epidermolysis bullosa.** *The British journal of dermatology*
  Pathmarajah, P., Eid, E., Nazaroff, J., So, J., Mittal, V., Harris, N., Li, S., Lucky, A. W., Gorell, E. S., Peoples, K. G., Pope, E., Lara-Corrales, I., Paller, et al
  2025

- **Repurposing an epithelial sodium channel inhibitor as a therapy for murine and human skin inflammation.** *Science translational medicine*
  Winge, M. C., Nasrallah, M., Jackrazi, L. V., Guo, K. Q., Fuhriman, J. M., Szafran, R., Ramanathan, M., Gurevich, I., Nguyen, N. T., Siprashvili, Z., Inayathullah, M., Rajadas, J., Porter, et al
  2024; 16 (777): eade5915

- **Practical considerations relevant to treatment with the gene therapy beremagene geperpavec-svdt for dystrophic epidermolysis bullosa.** *The Journal of dermatological treatment*
  Paller, A. S., Guide, S. V., Ayala, D., Gonzalez, M. E., Lucky, A. W., Bagci, I. S., Marinkovich, M. P.

2024; 35 (1): 2350232

- **A tyrosine residue on β4 integrin endodomain plays a key role in epidermal tumorigenesis**
  Tripathi, P., Marinkovich, M., Kariya, Y.
  ELSEVIER SCIENCE INC.2024: S149
- **Functional genotype classification groups distinguish disease severity in recessive dystrophic epidermolysis bullosa**
  Eid, E., Pathmarajah, P., Nazaroff, J., So, J., Mittal, V., Gaona, R., Harris, N., Li, S., Marinkovich, M., Oro, A., Tang, J. Y.
  ELSEVIER SCIENCE INC.2024: S74
- **Immune reactions in dystrophic epidermolysis bullosa patients following gene therapy**
  Bagci, I., Tripathi, P., Sun, A., Dolorito, J., Sridhar, K., Momin, N., Marinkovich, M.
  ELSEVIER SCIENCE INC.2024: S74
- **11-year safety profile of genetically engineered autologous cell therapy in recessive dystrophic epidermolysis bullosa**
  Gaona, R., Gorell, E. S., Marinkovich, M., Chiou, A., Wiss, K., Eid, E., Reusch, D., Truesdale, A., Abdelwahab, S., Tang, J. Y.
  ELSEVIER SCIENCE INC.2024: S171
- **Lateral association of anchoring fibrils in the absence of anti-parallel dimer formation in two dystrophic epidermolysis bullosa patients**
  Momin, N., Bagci, I., Dolorito, J., Tufa, S., Tripathi, P., Sridhar, K., Keene, D., Marinkovich, M.
  ELSEVIER SCIENCE INC.2024: S74
- **Collagen VII's Dual Mesenchymal and Epithelial Origins: Implications for Molecular Corrective Therapies.** *The Journal of investigative dermatology*
  Bagci, I. S., Gurevich, I., Dolorito, J. A., Tripathi, P., Momin, N. S., Sun, A., La, T., Sridhar, K., Marinkovich, M. P.
  2024
- **Wound behavior in dystrophic epidermolysis bullosa: A retrospective natural history case series.** *Journal of the American Academy of Dermatology*
  La, T., Chen, H., Chen, S., Bagci, I. S., Sridhar, K., Momin, N., Krishnan, S., Marinkovich, M. P.
  2024
- **Functional Genotype-Phenotype Associations in Recessive Dystrophic Epidermolysis Bullosa.** *Journal of the American Academy of Dermatology*
  So, J. Y., Nazaroff, J., Yenamandra, V. K., Gorell, E. S., Harris, N., Fulchand, S., Eid, E., Dolorito, J. A., Marinkovich, M. P., Tang, J. Y.
  2024
- **Correlative findings following DSG3-CAART infusion with and without preconditioning in patients with Pemphigus Vulgaris (DesCAARTes study)**
  Nunez, D., Volkov, J. R., Fouch, M., Stadanlick, J., Schmitt, C., Miller, C. M., Richetti, K. A., Zhou, X., Shinohara, M., Micheletti, R., Marinkovich, M. P., Mehta, J., Maloney, et al
  MARY ANN LIEBERT, INC.2024: A223
- **Cell volume expansion and local contractility drive collective invasion of the basement membrane in breast cancer.** *Nature materials*
  Chang, J., Saraswathibhatla, A., Song, Z., Varma, S., Sanchez, C., Alyafei, N. H., Indana, D., Slyman, R., Srivastava, S., Liu, K., Bassik, M. C., Marinkovich, M. P., Hodgson, et al
  2023
- **Treatment With Ataluren for Wound Healing and Health Complications in a Patient With Junctional Epidermolysis Bullosa.** *JAMA dermatology*
  Orlowski, G. M., Amano, S. U., Flanagan, K. E., Rieger, K. E., Marinkovich, M. P., Wiss, K.
  2023
- **Anti-NC16A IgA from linear IgA bullous dermatosis patients induce neutrophil-dependent subepidermal blistering in mice.** *The Journal of investigative dermatology*
  Jing, K., Jordan, T. J., Li, N., Burette, S., Yang, B., Marinkovich, M. P., Diaz, L. A., Googe, P., Thomas, N. E., Feng, S., Liu, Z.
  2023
- **Mapping the burden of severe forms of epidermolysis bullosa - Implications for patient management.** *JAAD international*
  Mellerio, J. E., Kiritsi, D., Marinkovich, M. P., Haro, N. R., Badger, K., Arora, M., Dziasko, M. A., Vithlani, M., Martinez, A. E.
  2023; 11: 224-232

- **Functional genotype-phenotype associations in recessive dystrophic epidermolysis bullosa**
  Pathmarajah, P., So, J., Nazaroff, J., Harris, N., Marinkovich, M. P., Tang, J. Y.
  ELSEVIER SCIENCE INC.2023: S149

- **Long term use of topical beremagene geperpavec (B-VEC) in two patients with dystrophic epidermolysis bullosa**
  Bagci, I., Momin, N., Agostini, B., Chen, H., Feeney, G., Steimer, M., Sridhar, K., Kapadia, B., Krishnan, S., Marinkovich, M. P.
  ELSEVIER SCIENCE INC.2023: S155

- **Neutrophil elastase is critical in linear IgA bullous dermatosis in mice**
  Li, N., Burette, S., Yang, B., Marinkovich, M. P., Diaz, L., Googe, P., Thomas, N., Liu, Z.
  ELSEVIER SCIENCE INC.2023: S30

- **Results from VIITAL: A phase 3, randomized, intrapatient-controlled trial of an investigational collagen type VII gene-corrected autologous cell therapy, EB-101, for the treatment of recessive dystrophic epidermolysis bullosa (RDEB)**
  Tang, J. Y., Marinkovich, M. P., Wiss, K., McCarthy, D., Truesdale, A., Chiou, A. S., McIntyre, J. K., Moore, A., Grachev, I.
  ELSEVIER SCIENCE INC.2023: S138

- **Mixed IgM- and IgA-mediated epidermolysis bullosa acquisita associated with IgM-λ paraproteinemia in an 81-year-old woman.** *JAAD case reports*
  Chau, T., Wu, J., Kahn, B., Elco, C., Marinkovich, M. P., Rieger, K. E., Robinson-Bostom, L., Firoz, E. F.
  2023; 34: 7-9

- **Trial of Beremagene Geperpavec (B-VEC) for Dystrophic Epidermolysis Bullosa.** *The New England journal of medicine*
  Guide, S. V., Gonzalez, M. E., Bagci, I. S., Agostini, B., Chen, H., Feeney, G., Steimer, M., Kapadia, B., Sridhar, K., Quesada Sanchez, L., Gonzalez, F., Van Ligten, M., Parry, et al
  2022; 387 (24): 2211-2219

- **Characterization of DSG3-CAART cells prior to & following adoptive transfer in mucosal Pemphigus Vulgaris**
  Basu, S., Volkov, J., Nunez, D., Fouch, M., Stadanlick, J., Binder, G., Chang, D., Hoffman, K., Porter, D., Abedi, M., Weng, W. K., Micheletti, R., Maverakis, et al
  MARY ANN LIEBERT, INC.2022: A123

- **Long-term safety and efficacy of gene-corrected autologous keratinocyte grafts for recessive dystrophic epidermolysis bullosa.** *Orphanet journal of rare diseases*
  So, J. Y., Nazaroff, J., Iwummadu, C. V., Harris, N., Gorell, E. S., Fulchand, S., Bailey, I., McCarthy, D., Siprashvili, Z., Marinkovich, M. P., Tang, J. Y., Chiou, A. S.
  2022; 17 (1): 377

- **Localized CO2 laser treatment of a recalcitrant oral ulceration in pemphigus vulgaris** *CLINICAL ADVANCES IN PERIODONTICS*
  Chainani-Wu, N., Gopal-Murthy, V., Wu, A., Marinkovich, M.
  2022

- **Genotype-phenotype associations in recessive dystrophic epidermolysis bullosa (RDEB)**
  So, J., Harris, N., Fulchand, S., Gorell, E., Nazaroff, J., Yenamandra, V., Marinkovich, M., Tang, J.
  ELSEVIER SCIENCE INC.2022: S77

- **A phase 1 trial of DSG3-CAART cells in mucosal-dominant pemphigus vulgaris (mPV) patients: Preliminary data**
  Chang, D. J., Basu, S., Micheletti, R., Maverakis, E., Marinkovich, M., Porter, D. L., Abedi, M., Weng, W., Hoffman, K., Volkov, J., Nunez, D., Milone, M. C., Binder, et al
  ELSEVIER SCIENCE INC.2022: B18

- **GEM-3: phase 3 safety and immunogenicity results of beremagene geperpavec (B-VEC), an investigational, topical gene therapy for dystrophic epidermolysis bullosa (DEB)**
  Marinkovich, M., Gonzalez, M., Guide, S., Bagci, I. S., Chitra, S., Agostini, B., Chen, H., Parry, T., Krishnan, S.
  ELSEVIER SCIENCE INC.2022: S79

- **Characterization of DSG3-CAART Cells Prior to & Following Adoptive Transfer in Mucosal Pemphigus Vulgaris**
  Basu, S., Volkov, J. S., Chang, D., Nunez, D., Hoffman, K., Manfredo-Vieira, S., Porter, D., Abedi, M., Weng, W., Micheletti, R., Maverakis, E., Marinkovich, M., Milone, et al
  CELL PRESS.2022: 329-330

- **A Phase 1 Trial of Targeted DSG3-CAART Cell Therapy in Mucosal-Dominant Pemphigus Vulgaris (mPV) Patients: Early Cohort Data**
  Chang, D. J., Basu, S., Porter, D., Abedi, M., Weng, W., Micheletti, R., Maverakis, E., Marinkovich, M., Bryer, J., Downing, L., Bagci, I., Hoffman, K., Volkov, et al
  CELL PRESS.2022: 373

- **The Treatment of Wounds Associated with Recessive Dystrophic Epidermolysis Bullosa with Local Injections of Gene-Corrected, Collagen VII-Expressing Autologous Human Dermal Fibroblasts**
  Marinkovich, M., Sridhar, K. J., Bagci, I., Dolorito, J. A. M., Keene, D. R., Yonchek, M., Blumenthal, R. L., Spellman, M. C.
  CELL PRESS.2022: 376

- **In vivo topical gene therapy for recessive dystrophic epidermolysis bullosa: a phase 1 and 2 trial.** *Nature medicine*
  Gurevich, I., Agarwal, P., Zhang, P., Dolorito, J. A., Oliver, S., Liu, H., Reitze, N., Sarma, N., Bagci, I. S., Sridhar, K., Kakarla, V., Yenamandra, V. K., O'Malley, et al
  2022

- **Patient-reported outcomes and quality of life in dominant dystrophic epidermolysis bullosa: A global cross-sectional survey.** *Pediatric dermatology*
  Fulchand, S., Harris, N., Li, S., Barriga, M., Gorell, E., De Souza, M., Murrell, D., Marinkovich, P., Krishna Yenamandra, V., Tang, J. Y.
  2021

- **Measurement of skin adhesion in recessive dystrophic epidermolysis bullosa patients** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Nazaroff, J., Manoukian, M., Barriga, M., Lane, A., Marinkovich, M., Tang, J. Y.
  2021; 85 (2): 491-492

- **Patient reported outcomes following EB-101 treatment of recessive dystrophic epidermolysis bullosa (rdeb) wounds showed durable wound healing and reduction in disease burden**
  Tang, J., Marinkovich, M., Barriga, M., Bailey, I., Harris, N., Rudin, D.
  ELSEVIER SCIENCE INC.2021: S31

- **Assessment of safety in repeat dosing of an in vivo topical gene therapy for the treatment of recessive dystrophic epidermolysis bullosa (RDEB) in a phase I/II trial**
  Marinkovich, M., Forte, S., Oliver, S., Dolorito, J., Sridhar, K., Liu, H., Reitze, N., Sarma, N., Krishnan, S.
  ELSEVIER SCIENCE INC.2021: S28

- **A systematic literature review of the disease burden in patients with recessive dystrophic epidermolysis bullosa.** *Orphanet journal of rare diseases*
  Tang, J. Y., Marinkovich, M. P., Lucas, E., Gorell, E., Chiou, A., Lu, Y., Gillon, J., Patel, D., Rudin, D.
  2021; 16 (1): 175

- **Clinical characteristics associated with increased wound size in patients with recessive dystrophic epidermolysis bullosa.** *Pediatric dermatology*
  Solis, D. C., Gorell, E. S., Teng, C., Barriga, M., Nazaroff, J., Li, S., Subica, A., Lu, Y., Marinkovich, M. P., Tang, J. Y.
  2021

- **Epidermolysis bullosa.** *Nature reviews. Disease primers*
  Bardhan, A., Bruckner-Tuderman, L., Chapple, I. L., Fine, J., Harper, N., Has, C., Magin, T. M., Marinkovich, M. P., Marshall, J. F., McGrath, J. A., Mellerio, J. E., Polson, R., Heagerty, et al
  2020; 6 (1): 78

- **QR-313, an antisense oligonucleotide, shows therapeutic efficacy for treatment of dominant and recessive dystrophic epidermolysis bullosa: a preclinical study.** *The Journal of investigative dermatology*
  Bornert, O., Hogervorst, M., Nauroy, P., Bischof, J., Swildens, J., Athanasiou, I., Tufa, S. F., Keene, D. R., Kiritsi, D., Hainzl, S., Murauer, E. M., Marinkovich, M. P., Platenburg, et al
  2020

- **Classification of Two Distinct Wound Types in Recessive Dystrophic Epidermolysis Bullosa: A Retrospective and Cohort Natural History Study.** *Journal of the American Academy of Dermatology*
  Solis, D. C., Teng, C., Gorell, E. S., Barriga, M., Nazaroff, J., Li, S., Lu, Y., Bruckner, A., Marinkovich, M. P., Tang, J. Y.
  2020

- **Multidisciplinary Care of Epidermolysis Bullosa during the COVID-19 Pandemic - Consensus: Recommendations by an International Panel of Experts.** *Journal of the American Academy of Dermatology*
  Murrell, D. F., Lucky, A. W., Salas-Alanis, J. C., Woodley, D. T., Palisson, F., Natsuga, K., Nikolic, M., Ramirez-Quizon, M., Paller, A. S., Lara-Corrales, I., Barzegar, M. A., Sprecher, E., Has, et al
  2020

- **Neutrophils are critical in linear IgA bullous dermatosis in mice**
  Li, N., Burette, S., Jing, K., Mulligan, E., Yanik, J., Yang, B., Marinkovich, M. P., Diaz, L., Feng, S., Liu, Z.
  ELSEVIER SCIENCE INC.2020: S10

- **Larger wounds in recessive dystrophic epidermolysis bullosa patients associated with worse quality of life: Results of a global cross-sectional survey**
  Gorell, E., Eng, V., Solis, D., Choi, S., Nazaroff, J., Li, S., de Souza, M., Murrell, D., Marinkovich, M. P., Tang, J.
  ELSEVIER SCIENCE INC.2020: S34

- **In vivo correction of recessive dystrophic epidermolysis bullosa (RDEB) by direct cutaneous COL7A1 gene replacement: Results of a phase 1-2 trial**
  Marinkovich, M. P., Vinzant, S., Karkala, V., Sridhar, K., Gurevitch, I., Dolorito, J., Agarwal, P., Krishnan, S.
  ELSEVIER SCIENCE INC.2020: S37

- **Topical QR-313, an Antisense Oligonucleotide, in the Treatment of Dystrophic Epidermolysis Bullosa**
  Marinkovich, M. P., Sridhar, K., Karkala, V., Yenamandra, V. K., Gurevitch, I., Dolorito, J., Bagci, I. S., O'Mara, C., Ramsdell, D., Landy, H.
  ELSEVIER SCIENCE INC.2020: S37

- **Premature thymic involution and oropharyngeal blistering cause early lethality in generalized severe junctional epidermolysis bullosa**
  Yenamandra, V. K., Dolorito, J., Gurevitch, I., Godoy, E., Casey, K., Marinkovich, M. P.
  ELSEVIER SCIENCE INC.2020: S35

- **Type VII collagen NC2 domain expression differentiates severe from milder recessive dystrophic epidermolysis bullosa subtypes**
  Ponakala, A., Yenamandra, V. K., Teng, C. E., Barriga, M., Dolorito, J., Gorell, E., Nguyen, N., Tufa, S., Rieger, K., Keene, D., Tang, J., Marinkovich, M. P.
  ELSEVIER SCIENCE INC.2020: S37

- **Diagnosis and management of pemphigus: Recommendations of an international panel of experts** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Murrell, D. F., Pena, S., Joly, P., Marinovic, B., Hashimoto, T., Diaz, L. A., Sinha, A. A., Payne, A. S., Daneshpazhooh, M., Eming, R., Jonkman, M. F., Mimouni, D., Borradori, et al
  2020; 82 (3): 575-+

- **Consensus reclassification of inherited epidermolysis bullosa and other disorders with skin fragility.** *The British journal of dermatology*
  Has, C., Bauer, J. W., Bodemer, C., Bolling, M. C., Bruckner-Tuderman, L., Diem, A., Fine, J., Heagerty, A., Hovnanian, A., Marinkovich, M. P., Martinez, A. E., McGrath, J. A., Moss, et al
  2020

- **RESEARCH UPDATE (GENE AND PROTEIN)**
  Marinkovich, M.
  ACTA DERMATO-VENEREOLOGICA.2020: 23–24

- **Cells from discarded dressings differentiate chronic from acute wounds in patients with Epidermolysis Bullosa.** *Scientific reports*
  Fuentes, I. n., Guttmann-Gruber, C. n., Tockner, B. n., Diem, A. n., Klausegger, A. n., Cofré-Araneda, G. n., Figuera, O. n., Hidalgo, Y. n., Morandé, P. n., Palisson, F. n., Rebolledo-Jaramillo, B. n., Yubero, M. J., Cho, et al
  2020; 10 (1): 15064

- **Patient Reported Outcomes and Quality of Life in Recessive Dystrophic Epidermolysis Bullosa: A Global Cross-sectional Survey.** *Journal of the American Academy of Dermatology*
  Eng, V. A., Solis, D. C., Gorell, E. S., Choi, S. n., Nazaroff, J. n., Li, S. n., de Souza, M. P., Murrell, D. F., Marinkovich, M. P., Tang, J. Y.
  2020

- **RECOMBINANT HUMAN COLLAGEN VII DECREASES MARKERS OF FIBROSIS AFTER CORNEAL ABRASION IN MICE WITH EPIDERMOLYSIS BULLOSA**
  Chen, V. M., Shelke, R., Gipson, I., Kumar-Singh, R., Panjwani, N., Cao, Z., Ramadan, A., Marinkovich, M.

ACTA DERMATO-VENEREOLOGICA.2020: 70

- **RELATIONSHIPS BETWEEN WOUND SIZE, CLINICAL MANIFESTATIONS, AND QUALITY OF LIFE IN RECESSIVE DYSTROPHIC EPIDERMOLYSIS BULLOSA: A GLOBAL CROSS-SECTIONAL SURVEY**
  Gorell, E. S., Eng, V., Solis, D., Choi, S., Nazaroff, J., de Souza, M., Murrell, D., Marinkovich, M. P., Tang, J. Y.
  ACTA DERMATO-VENEREOLOGICA.2020: 39–40

- **COSTS AND ACCESSIBILITY**
  Marinkovich, M.
  ACTA DERMATO-VENEREOLOGICA.2020: 17

- **CLASSIFICATION OF TWO DISTINCT WOUND TYPES IN RECESSIVE DYSTROPHIC EPIDERMOLYSIS BULLOSA: A NATURAL HISTORY STUDY**
  Teng, C., Solis, D. C., Barriga, M., Li, S., Marinkovich, M., Tang, J. Y.
  ACTA DERMATO-VENEREOLOGICA.2020: 39

- **IMMUNE CELL PROFILING OF WOUNDS FROM EPIDERMOLYSIS BULLOSA PATIENTS**
  Fuentes, I., Guttmann-Gruber, C., Tockner, B., Diem, A., Klausegger, A., Cofre-Araneda, G., Figuera, O., Hidalgo, Y., Morande, P., Palisson, F., Rebolledo-Jaramillo, B., Yubero, M., Cho, et al
  ACTA DERMATO-VENEREOLOGICA.2020: 46

- **GENE THERAPY FOR RDEB (EX VIVO VS IN VIVO)**
  Marinkovich, M.
  ACTA DERMATO-VENEREOLOGICA.2020: 13

- **PHASE 1/2A CLINICAL TRIAL OF GENE-CORRECTED AUTOLOGOUS CELL THERAPY FOR RECESSIVE DYSTROPHIC EPIDERMOLYSIS BULLOSA**
  Gorell, E., Eichstadt, S., Barriga, M., Ponakala, A., Teng, C., Nguyen, N., Siprashvili, Z., Nazaroff, J., Chiou, A., Taylor, L., Khuu, P., Keene, D., Rieger, et al
  ACTA DERMATO-VENEREOLOGICA.2020: 75

- **RESULTS FROM A PHASE I/II STUDY OF A TOPICAL GENE THERAPY (BERCOLAGENE TELSERPAVEC, B-VEC) IN PATIENTS WITH RECESSIVE DYSTROPHIC EPIDERMOLYSIS BULLOSA (RDEB)**
  Marinkovich, M. P., Vinzant, S., Agarwal, P., Krishna, S.
  ACTA DERMATO-VENEREOLOGICA.2020: 48

- **UNDERSTANDING OCULAR DISEASE IN THE DEB MOUSE MODEL: CHALLENGES OF ASYMMETRY AND SURVIVAL**
  Chen, V. M., Richey, L., Esmail, M., Shelke, R., Cao, Z., Panjwani, N., Marinkovich, M.
  ACTA DERMATO-VENEREOLOGICA.2020: 69

- **A PHASE 1/2 STUDY OF GENETICALLY-CORRECTED, COLLAGEN VII EXPRESSING AUTOLOGOUS HUMAN DERMAL FIBROBLASTS INJECTED INTO THE SKIN OF PATIENTS WITH RECESSIVE DYSTROPHIC EPIDERMOLYSIS BULLOSA (RDEB)**
  Marinkovich, M. P., Lane, A., Sridhar, K., Keene, D., Malyala, A., Spellman, M., Maslowski, J.
  ACTA DERMATO-VENEREOLOGICA.2020: 75

- **From Clinical Phenotype to Genotypic Modelling: Incidence and Prevalence of Recessive Dystrophic Epidermolysis Bullosa (RDEB).** *Clinical, cosmetic and investigational dermatology*
  Eichstadt, S., Tang, J. Y., Solis, D. C., Siprashvili, Z., Marinkovich, M. P., Whitehead, N., Schu, M., Fang, F., Erickson, S. W., Ritchey, M. E., Colao, M., Spratt, K., Shaygan, et al
  2019; 12: 933-942

- **Epidermolysis bullosa with pyloric atresia consistently demonstrates concurrent low intra-basal epidermal and lamina lucida cleavage planes: a survey of six cases.** *Journal of the European Academy of Dermatology and Venereology : JEADV*
  Wang, J. Y., Marinkovich, M. P., Rieger, K. E.
  2019

- **Phase 1/2a clinical trial of gene-corrected autologous cell therapy for recessive dystrophic epidermolysis bullosa.** *JCI insight*
  Eichstadt, S., Barriga, M., Ponakala, A., Teng, C., Nguyen, N. T., Siprashvili, Z., Nazaroff, J., Gorell, E. S., Chiou, A. S., Taylor, L., Khuu, P., Keene, D. R., Rieger, et al
  2019; 4 (19)

- **Gene Therapy for Epidermolysis Bullosa** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Marinkovich, M., Tang, J. Y.
  2019; 139 (6): 1221–26

- **Genetically corrected autologous keratinocyte epidermal grafts improve wound healing and patient reported outcomes in patients with recessive dystrophic epidermolysis bullosa**
  Eichstadt, S., Barriga, M., Teng, C., Nguyen, N. T., Gorell, E., Siprashvili, Z., Loutit, K., Dutt-Singkh, Y., Nazaroff, J., Marinkovich, M. P., Tang, J.
  ELSEVIER SCIENCE INC.2019: S64

- **First in human use of a novel in vivo gene therapy to successfully correct recessive dystrophic epidermolysis bullosa (RDEB) skin: Results of a phase 1/2 placebo controlled trial**
  Marinkovich, M. P., Sridhar, K., Gurevich, I., Ponakala, A., Boddu, S., Keene, D., Vinzant, S., Agarwal, P., Krishnan, S.
  ELSEVIER SCIENCE INC.2019: S66

- **The use of human skin equivalents to evaluate the effectivity of QR-313, an antisense oligonucleotide, in gel formulation**
  Hogervorst, M., van Berkel, M., Oort, C., Marinkovich, M. P., Keene, D., Ritsema, T., Swildens, J., Haisma, I.
  ELSEVIER SCIENCE INC.2019: S64

- **Natural history of wounds in patients with recessive dystrophic epidermolysis bullosa**
  Teng, C., Solis, D., Tang, J., Barriga, M., Marinkovich, M. P.
  ELSEVIER SCIENCE INC.2019: S43

- **From Clinical Phenotype to Genotypic Modelling: Incidence and Prevalence of Recessive Dystrophic Epidermolysis Bullosa (RDEB)** *CLINICAL COSMETIC AND INVESTIGATIONAL DERMATOLOGY*
  Eichstadt, S., Tang, J. Y., Solis, D. C., Siprashvili, Z., Marinkovich, M., Whitehead, N., Schu, M., Fang, F., Erickson, S. W., Ritchey, M. E., Colao, M., Spratt, K., Shaygan, et al
  2019; 12: 933–42

- **Gene Therapy for Epidermolysis Bullosa.** *The Journal of investigative dermatology*
  Marinkovich, M. P., Tang, J. Y.
  2019

- **Measurement of Skin Adhesion in Recessive Dystrophic Epidermolysis Bullosa Patients.** *Journal of the American Academy of Dermatology*
  Nazaroff, J., Manoukian, M., Barriga, M., Lane, A., Marinkovich, M. P., Tang, J. Y.
  2018

- **A new deletion mutation sheds light on laminin-332 biology.** *The British journal of dermatology*
  Marinkovich, M. P.
  2018; 178 (6): 1245

- **A new deletion mutation sheds light on laminin-332 biology** *BRITISH JOURNAL OF DERMATOLOGY*
  Marinkovich, M. P.
  2018; 178 (6): 1245

- **CyTOF analysis allows characterization of Axl-Expressing Dendritic cells in healthy human donors**
  Leylek, R., Alcantara-Hernandez, M., Wagar, L. E., Engleman, E. G., Marinkovich, M. P., Davis, M. M., Nolan, G. P., Idoyaga, J.
  WILEY.2018: 29

- **Phase I / II Clinical Trial for Recessive Dystrophic Epidermolysis Bullosa Using EB-101 (COL7A1 Gene-Corrected Autologous Keratinocytes)**
  Tang, J. Y., Marinkovich, M. P., Siprashvili, Z., Nguyen, N. T., Gorell, E. S., Loutit, K., Dutt-Singkh, Y., Barriga, M., Solis, D., Khuu, P., Furukawa, L., Lorenz, H. P., Leung, et al
  CELL PRESS.2018: 158

- **A phase 1/2 study of genetically-corrected, collagen VII expressing autologous human dermal fibroblasts injected into the skin of patients with recessive dystrophic epidermolysis bullosa (RDEB)**
  Marinkovich, M., Lane, A., Sridhar, K., Keene, D., Malyala, A., Maslowski, J.
  ELSEVIER SCIENCE INC.2018: S100

- **50% wound healing correlates with RDEB patient reported outcomes in pain, itch and skin durability**
  Dutt-Singkh, Y., Barriga, M., Nazaroff, J., Solis, D., Li, S., Marinkovich, M., Tang, J.

ELSEVIER SCIENCE INC.2018: S56

- **Measurement of skin adherence in recessive dystrophic epidermolysis bullosa patients**
  Nazaroff, J., Li, S., Lane, A., Marinkovich, M., Tang, J.
  ELSEVIER SCIENCE INC.2018: S102

- **Defining chronic wound types in recessive dystrophic epidermolysis bullosa patients for clinical outcome assessment**
  Solis, D., Nazaroff, J., Dutt-Singkh, Y., Choi, S., Barriga, M., Li, S., Marinkovich, M., Tang, J.
  ELSEVIER SCIENCE INC.2018: S97

- **Successful in vivo COL7A1 gene delivery and correction of recessive dystrophic epidermolysis bullosa (RDEB) skin using an off the shelf HSV-1 vector (KB103)**
  Gurevich, I., Agarwal, P., Dolorito, J., Prisco, M., O'Malley, M., Regula, L., Wittmer, L., Coghlan, S., Fuentes, I., South, A. P., Krishnan, S., Marinkovich, M.
  ELSEVIER SCIENCE INC.2018: S129

- **Targeting pathogenic interactions between Rac1 and NCK1 in psoriasis**
  Winge, M. G., Nasrallah, M., Fuhriman, J. M., Ramanathan, M., Azameera, A., Nguyen, N., Inayathullah, M., Rajadas, J., Khavari, P., Butte, A., Marinkovich, M.
  ELSEVIER SCIENCE INC.2018: S161

- **A high-dimensional phenotypic map of human Dendritic cells paves the way for therapeutics**
  Alcantara-Hernandez, M., Leylek, R., Wagar, L. E., Engleman, E. G., Keler, T., Marinkovich, M. P., Davis, M. M., Nolan, G. P., Idoyaga, J.
  WILEY.2018: 25–26

- **ITK and RLK Inhibitor PRN694 Improves Skin Disease in Two Mouse Models of Psoriasis.** *The Journal of investigative dermatology*
  Fuhriman, J. M., Winge, M. C., Haberstock-Debic, H., Funk, J. O., Bradshaw, J. M., Marinkovich, M. P.
  2018; 138 (4): 864–71

- **ITK and RLK Inhibitor PRN694 Improves Skin Disease in Two Mouse Models of Psoriasis** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Fuhriman, J. M., Winge, M. C. G., Haberstock-Debic, H., Funk, J., Bradshaw, J., Marinkovich, M.
  2018; 138 (4): 864–71

- **Diagnosis and Management of Pemphigus: recommendations by an International Panel of Experts.** *Journal of the American Academy of Dermatology*
  Murrell, D. F., Pena, S., Joly, P., Marinovic, B., Hashimoto, T., Diaz, L. A., Sinha, A. A., Payne, A. S., Daneshpazhooh, M., Eming, R., Jonkman, M. F., Mimouni, D., Borradori, et al
  2018

- **Chronic skin inflammation accelerates macrophage cholesterol crystal formation and atherosclerosis.** *JCI insight*
  Baumer, Y., Ng, Q., Sanda, G. E., Dey, A. K., Teague, H. L., Sorokin, A. V., Dagur, P. K., Silverman, J. I., Harrington, C. L., Rodante, J. A., Rose, S. M., Varghese, N. J., Belur, et al
  2018; 3 (1)

- **Chronic skin inflammation accelerates macrophage cholesterol crystal formation and atherosclerosis** *Chronic skin inflammation accelerates macrophage cholesterol crystal formation and atherosclerosis*
  Marinkovich, M. P., et al
  2018

- **Phase I/IIa clinical trial for recessive dystrophic epidermolysis bullosa using EB-101 (COL7A1 gene-corrected autologous keratinocytes)**
  Siprashvili, Z., Nguyen, N. T., Gorell, E. S., Loutit, K., Dutt-Singkh, Y., Nazaroff, J., Khuu, P., Furukawa, L., Lorenz, H. P., Leung, T. H., Keene, D. R., Rieger, K. E., Khavari, et al
  MARY ANN LIEBERT, INC.2017: A10

- **Validity and Accuracy of a Mobile Phone Application for the Assessment of Wounds in Recessive Dystrophic Epidermolysis Bullosa.** *Journal of the American Academy of Dermatology*
  Nazaroff, J., Solis, D., Barriga, M., Dutt-Singkh, Y., Shufeng, L., Marinkovich, M. P., Tang, J. Y.
  2017

- **Intraepidermal Type VII Collagen by Immunofluorescence Mapping: A Specific Finding for Bullous Dermolysis of the Newborn.** *Pediatric dermatology*
  Heinecke, G., Marinkovich, M. P., Rieger, K. E.

2017; 34 (3): 308-314

- **ITK and RLK inhibitor improves skin disease in a psoriatic mouse model**
  Fuhriman, J. M., Winge, M. G., Haberstock-Debic, H., Funk, J., Bradshaw, M., Marinkovich, M.
  ELSEVIER SCIENCE INC.2017: S120
- **Attenuated netrin-1 receptor mediated regulation of tiam1 is required for rac1 mutant melanoma progression**
  Winge, M. G., Kovalski, J., Nguyen, N. T., Wu, D., Zehnder, A., Khavari, P. A., Marinkovich, M.
  ELSEVIER SCIENCE INC.2017: S139
- **Natural history of chronic wounds in patients with recessive dystrophic epidermolysis bullosa**
  Solis, D., Nazaroff, J., Dutt-Singkh, Y., Choi, S., Barriga, M., Bailey-Healy, I., Marinkovich, M., Tang, J. Y.
  ELSEVIER SCIENCE INC.2017: S37
- **Quality of life in recessive dystrophic epidermolysis bullosa: The AltaVoice patient registry, 2012-2015**
  Choi, S., Solis, D., Nazaroff, J., Bailey-Healy, I., Barriga, M., Dutt-Singkh, Y., Li, S., Marinkovich, M., Rangel-Miller, V., Tang, J. Y.
  ELSEVIER SCIENCE INC.2017: S38
- **Phase I/IIa clinical trial for recessive dystrophic epidermolysis bullosa using genetically corrected autologous keratinocytes**
  Siprashvili, Z., Nguyen, N., Gorell, E., Loutit, K., Dutt-Singkh, Y., Nazaroff, J., Khuu, P., Furukawa, L., Lorenz, H., Leung, T., Keene, D., Rieger, K., Khavari, et al
  ELSEVIER SCIENCE INC.2017: S89
- **Type VII collagen (C7) expression and chimerism after bone marrow/cord blood transplantation (BMCBT) for severe generalized recessive dystrophic epidermolysis bullosa (RDEB)**
  Tolar, J., McGrath, J., Osborn, M., Keene, D., Riddle, M., Hook, K., Hordinsky, M., Marinkovich, M., Woodley, D., Chen, M., Tryon, R., DeFor, T., Ebens, et al
  ELSEVIER SCIENCE INC.2017: S65
- **Validity and accuracy of a mobile phone application for the assessment of chronic wounds in recessive dystrophic epidermolysis bullosa**
  Nazaroff, J., Solis, D., Bailey-Healy, I., Barriga, M., Choi, S., Dutt-Singkh, Y., Marinkovich, M., Tang, J. Y.
  ELSEVIER SCIENCE INC.2017: S36
- **Bone marrow/cord blood transplantation (BMCBT) ameliorates symptoms in some, but not all, subtypes of severe generalized junctional epidermolysis bullosa (JEB)**
  Hook, K., Tolar, J., McGrath, J., Osborn, M., Keene, D., Riddle, M., Hordinsky, M., Marinkovich, M., Tryon, R., DeFor, T., Ebens, C., Tamai, K., Hovnanian, et al
  ELSEVIER SCIENCE INC.2017: S52
- **Microtubules acquire resistance from mechanical breakage through intralumenal acetylation** *SCIENCE*
  Xu, Z., Schaedel, L., Portran, D., Aguilar, A., Gaillard, J., Marinkovich, M. P., Thery, M., Nachury, M. V.
  2017; 356 (6335): 328-332
- **Unique mouse monoclonal antibodies reactive with maturation-related epitopes on type VII collagen.** *Experimental dermatology*
  Hayakawa, T., Hirako, Y., Teye, K., Tsuchisaka, A., Koga, H., Ishii, N., Karashima, T., Kaneda, M., Oyu, Y., Tateishi, C., Sugawara, K., Yonamine, A., Shinkuma, et al
  2017
- **Epidermal activation of the small GTPase Rac1 in psoriasis pathogenesis.** *Small GTPases*
  Winge, M. C., Marinkovich, M. P.
  2017: 1-6
- **Gentamicin induces functional type VII collagen in recessive dystrophic epidermolysis bullosa patients.** *The Journal of clinical investigation*
  Woodley, D. T., Cogan, J. n., Hou, Y. n., Lyu, C. n., Marinkovich, M. P., Keene, D. n., Chen, M. n.
  2017; 127 (8): 3028–38
- **High-Dimensional Phenotypic Mapping of Human Dendritic Cells Reveals Interindividual Variation and Tissue Specialization.** *Immunity*
  Alcántara-Hernández, M. n., Leylek, R. n., Wagar, L. E., Engleman, E. G., Keler, T. n., Marinkovich, M. P., Davis, M. M., Nolan, G. P., Idoyaga, J. n.
  2017
- **BMP1-like proteinases are essential to the structure and wound healing of skin** *MATRIX BIOLOGY*

Muir, A. M., Massoudi, D., Ngon Nguyen, N., Keene, D. R., Lee, S., Birk, D. E., Davidson, J. M., Marinkovich, M. P., Greenspan, D. S.
2016; 56: 114-131

- **Safety and Wound Outcomes Following Genetically Corrected Autologous Epidermal Grafts in Patients With Recessive Dystrophic Epidermolysis Bullosa.** *JAMA*
  Siprashvili, Z., Nguyen, N. T., Gorell, E. S., Loutit, K., Khuu, P., Furukawa, L. K., Lorenz, H. P., Leung, T. H., Keene, D. R., Rieger, K. E., Khavari, P., Lane, A. T., Tang, et al
  2016; 316 (17): 1808-1817

- **Safety and efficacy of the JAK inhibitor tofacitinib citrate in patients with alopecia areata.** *JCI insight*
  Kennedy Crispin, M., Ko, J. M., Craiglow, B. G., Li, S., Shankar, G., Urban, J. R., Chen, J. C., Cerise, J. E., Jabbari, A., Winge, M. C., Marinkovich, M. P., Christiano, A. M., Oro, et al
  2016; 1 (15)

- **Safety and efficacy of the JAK inhibitor tofacitinib citrate in patients with alopecia areata** *JCI INSIGHT*
  Crispin, M., Ko, J. M., Craiglow, B. G., Li, S., Shankar, G., Urban, J. R., Chen, J. C., Cerise, J. E., Jabbari, A., Winge, M. C. G., Marinkovich, M., Christiano, A. M., Oro, et al
  2016; 1 (15)

- **Factors That May Promote an Effective Local Research Environment** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Wang, K., Lee, C. S., Marinkovich, M., Chang, H. Y., Oro, A. E., Khavari, P. A.
  2016; 136 (8): 1529–31

- **RAC1 activation drives pathologic interactions between the epidermis and immune cells** *JOURNAL OF CLINICAL INVESTIGATION*
  Winge, M. C., Ohyama, B., Dey, C. N., Boxer, L. M., Li, W., Ehsani-Chimeh, N., Truong, A. K., Wu, D., Armstrong, A. W., Makino, T., Davidson, M., Starcevic, D., Kislat, et al
  2016; 126 (7): 2661-2677

- **Practice and Educational Gaps in Blistering Disease** *DERMATOLOGIC CLINICS*
  Ehsani-Chimeh, N., Marinkovich, M. P.
  2016; 34 (3): 251-?

- **CLINICAL AND PRECLINICAL ASSESSMENT OF THE ANTI-MCAM MONOCLONAL ANTIBODY PRX003, A POTENTIAL NOVEL TREATMENT FOR TH17-MEDIATED INFLAMMATORY DISEASES**
  Koller, M., Flanagan, K., Skov, M., Goldblum, R., Griffith, S. G., Barbour, R. M., Ehsani-Chimeh, N., Marinkovich, M. P., Zago, W., Yednock, T. A., Kinney, G. G., Ness, D.
  BMJ PUBLISHING GROUP.2016: 134

- **Transdermal Delivery of Functional Collagen Via Polyvinylpyrrolidone Microneedles** *ANNALS OF BIOMEDICAL ENGINEERING*
  Sun, W., Inayathullah, M., Manoukian, M. A., Malkovskiy, A. V., Manickam, S., Marinkovich, M. P., Lane, A. T., Tayebi, L., Seifalian, A. M., Rajadas, J.
  2015; 43 (12): 2978-2990

- **Characterization of patients with dystrophic epidermolysis bullosa for collagen VII therapy** *BRITISH JOURNAL OF DERMATOLOGY*
  Gorell, E. S., Nguyen, N., Siprashvili, Z., Marinkovich, M. P., Lane, A. T.
  2015; 173 (3): 821–23

- **Phase I clinical trial for recessive dystrophic epidermolysis bullosa using genetically corrected autologous keratinocytes**
  Siprashvili, Z., Nguyen, N. T., Gorell, E., Loutit, K., Khuu, P., Furukawa, L. K., Lorenz, H. P., Leung, T. H., Keene, D. R., Khavari, P., Lane, A., Tang, J. Y., Marinkovich, et al
  NATURE PUBLISHING GROUP.2015: S72

- **A novel therapeutic inhibits Rac1 mediated invasion and metastasis in a newly described in vivo model of human melanoma**
  Winge, M. C., Kovalski, J., Nguyen, N. T., Wu, D., Zehnder, A., Khavari, P., Marinkovich, M.
  NATURE PUBLISHING GROUP.2015: S71

- **Type VII Collagen Is the Major Autoantigen for Sub lamina Densa-Type Linear IgA Bullous Dermatosis** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Tsuchisaka, A., Ohara, K., Ishii, N., Nguyen, N. T., Marinkovich, M., Hashimoto, T.
  2015; 135 (2): 626–29

- **Definitions and outcome measures for mucous membrane pemphigoid: Recommendations of an international panel of experts** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*

Murrell, D. F., Marinovic, B., Caux, F., Prost, C., Ahmed, R., Wozniak, K., Amagai, M., Bauer, J., Beissert, S., Borradori, L., Culton, D., Fairley, J. A., Fivenson, et al
2015; 72 (1): 168-174

- **Inherited epidermolysis bullosa: Updated recommendations on diagnosis and classification** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Fine, J., Bruckner-Tuderman, L., Eady, R. A., Bauer, E. A., Bauer, J. W., Has, C., Heagerty, A., Hintner, H., Hovnanian, A., Jonkman, M. F., Leigh, I., Marinkovich, M. P., Martinez, et al
  2014; 70 (6): 1103-1126

- **Inherited epidermolysis bullosa: updated recommendations on diagnosis and classification.** *Journal of the American Academy of Dermatology*
  Fine, J., Bruckner-Tuderman, L., Eady, R. A., Bauer, E. A., Bauer, J. W., Has, C., Heagerty, A., Hintner, H., Hovnanian, A., Jonkman, M. F., Leigh, I., Marinkovich, M. P., Martinez, et al
  2014; 70 (6): 1103-1126

- **Epidermal Rac1 hyperactivation is a key feature of human psoriasis**
  Winge, M. C., Ohyama, B., Waterman, E. A., Dei, C., Ehsani-Chimeh, N., Li, W., Truong, A., Wu, D., Makino, T., Davidson, M., Starcevic, D., Nguyen, N., Kislat, et al
  NATURE PUBLISHING GROUP.2014: S18

- **Loss of the laminin-332 alpha 3IIIa domain impairs keratinocyte migration in vitro**
  Wang, J. Y., Lakshmireddy, H., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2014: S87

- **Phase 1 clinical trial of genetically corrected autologous epidermal keratinocytes for recessive dystrophic epidermolysis bullosa**
  Siprashvili, Z., Nguyen, N. T., Gorell, E., Khuu, P., Furukawa, L., Lorenz, H. P., Leung, T. H., Keene, D. R., Khavari, P., Marinkovich, M., Lane, A. T.
  NATURE PUBLISHING GROUP.2014: S75

- **Somatic Correction of Junctional Epidermolysis Bullosa by a Highly Recombinogenic AAV Variant.** *Molecular therapy : the journal of the American Society of Gene Therapy*
  Melo, S. P., Lisowski, L., Bashkirova, E., Zhen, H. H., Chu, K., Keene, D. R., Marinkovich, M. P., Kay, M. A., Oro, A. E.
  2014; 22 (4): 725-733

- **Aberrant expression of laminin-332 promotes cell proliferation and cyst growth in ARPKD** *AMERICAN JOURNAL OF PHYSIOLOGY-RENAL PHYSIOLOGY*
  Vijayakumar, S., Dang, S., Marinkovich, M. P., Lazarova, Z., Yoder, B., Torres, V. E., Wallace, D. P.
  2014; 306 (6): F640-F654

- **A phase II randomized vehicle-controlled trial of intradermal allogeneic fibroblasts for recessive dystrophic epidermolysis bullosa** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Venugopal, S. S., Yan, W., Frew, J. W., Cohn, H. I., Rhodes, L. M., Kim Tran, K., Melbourne, W., Nelson, J. A., Sturm, M., Fogarty, J., Marinkovich, M. P., Igawa, S., Ishida-Yamamoto, et al
  2013; 69 (6): 898-915

- **Patterns of oral mucosa lesions in patients with epidermolysis bullosa: comparison and agreement between oral medicine and dermatology** *JOURNAL OF ORAL PATHOLOGY & MEDICINE*
  Fortuna, G., Lozada-Nur, F., Pollio, A., Aria, M., Cepeda-Valdes, R., Marinkovich, M. P., Bruckner, A. L., Cesar Salas-Alanis, J.
  2013; 42 (10): 733-740

- **Patterns of oral mucosa lesions in patients with epidermolysis bullosa: comparison and agreement between oral medicine and dermatology.** *Journal of oral pathology & medicine*
  Fortuna, G., Lozada-Nur, F., Pollio, A., Aria, M., Cepeda-Valdes, R., Marinkovich, M. P., Bruckner, A. L., Salas-Alanís, J. C.
  2013; 42 (10): 733-740

- **Polyvinylpyrrolidone microneedles enable delivery of intact proteins for diagnostic and therapeutic applications** *ACTA BIOMATERIALIA*
  Sun, W., Araci, Z., Inayathullah, M., Manickam, S., Zhang, X., Bruce, M. A., Marinkovich, M. P., Lane, A. T., Milla, C., Rajadas, J., Butte, M. J.
  2013; 9 (8): 7767-7774

- **Development of a mouse model for linear IgA bullous dermatosis**
  Geng, P., Lin, L., Park, M., Li, N., Shumate, K., Marinkovich, M. P., Hall, R., Diaz, L., Liu, Z.

NATURE PUBLISHING GROUP.2013: S39

- **Diagnosing Epidermolysis Bullosa Type and Subtype in Infancy Using Immunofluorescence Microscopy: The Stanford Experience** *PEDIATRIC DERMATOLOGY*
  Berk, D. R., Jazayeri, L., Marinkovich, M. P., Sundram, U. N., Bruckner, A. L.
  2013; 30 (2): 226-233

- **Keratinocytes from Induced Pluripotent Stem Cells in Junctional Epidermolysis Bullosa** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Tolar, J., Xia, L., Lees, C. J., Riddle, M., McElroy, A., Keene, D. R., Lund, T. C., Osborn, M. J., Marinkovich, M. P., Blazar, B. R., Wagner, J. E.
  2013; 133 (2): 562-565

- **Epidermolysis Bullosa Oropharyngeal Severity (EBOS) score: a multicenter development and reliability assessment.** *Journal of the American Academy of Dermatology*
  Fortuna, G., Chainani-Wu, N., Lozada-Nur, F., Aria, M., Cepeda-Valdes, R., Pollio, A., Marinkovich, M. P., Martinez-Salazar, A. E., Mignogna, M. D., Bruckner, A. L., Salas-Alanís, J. C.
  2013; 68 (1): 83-92

- **Epidermolysis Bullosa Oropharyngeal Severity (EBOS) score: A multicenter development and reliability assessment** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Fortuna, G., Chainani-Wu, N., Lozada-Nur, F., Aria, M., Cepeda-Valdes, R., Pollio, A., Marinkovich, M. P., Martinez-Salazar, A. E., Mignogna, M. D., Bruckner, A. L., Cesar Salas-Alanis, J.
  2013; 68 (1): 83-92

- **Keratinocyte-Targeted Expression of Human Laminin gamma 2 Rescues Skin Blistering and Early Lethality of Laminin gamma 2 Deficient Mice** *PLOS ONE*
  Adair-Kirk, T. L., Griffin, G. L., Meyer, M. J., Kelley, D. G., Miner, J. H., Keene, D. R., Marinkovich, M. P., Ruppert, J. M., Uitto, J., Senior, R. M.
  2012; 7 (9)

- **A critical reappraisal of the current data on drug-induced linear immunoglobulin A bullous dermatosis: A real and separate nosological entity?** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Fortuna, G., Cesar Salas-Alanis, J., Guidetti, E., Marinkovich, M. P.
  2012; 66 (6): 988-994

- **Keratinocyte-targeted expression of human laminin ?2 rescues skin blistering and early lethality of laminin ?2 deficient mice.** *PloS one*
  Adair-Kirk, T. L., Griffin, G. L., Meyer, M. J., Kelley, D. G., Miner, J. H., Keene, D. R., Marinkovich, M. P., Ruppert, J. M., Uitto, J., Senior, R. M.
  2012; 7 (9)

- **Linear immunoglobulin A bullous dermatosis** *CLINICS IN DERMATOLOGY*
  Fortuna, G., Marinkovich, M. P.
  2012; 30 (1): 38-50

- **Molecular organization of the basement membrane zone** *CLINICS IN DERMATOLOGY*
  Hashmi, S., Marinkovich, M. P.
  2011; 29 (4): 398-411

- **Laminin-511 and integrin beta-1 in hair follicle development and basal cell carcinoma formation** *BMC DEVELOPMENTAL BIOLOGY*
  DeRouen, M. C., Zhen, H., Tan, S. H., Williams, S., Marinkovich, M. P., Oro, A. E.
  2010; 10

- **Long-Term Type VII Collagen Restoration to Human Epidermolysis Bullosa Skin Tissue** *HUMAN GENE THERAPY*
  Siprashvili, Z., Nguyen, N. T., Bezchinsky, M. Y., Marinkovich, M. P., Lane, A. T., Khavari, P. A.
  2010; 21 (10): 1299-1310

- **Clinical and immunological heterogeneity of canine subepidermal blistering dermatoses with anti-laminin-332 (laminin-5) auto-antibodies** *VETERINARY DERMATOLOGY*
  Olivry, T., Bizikova, P., Dunston, S. M., Bond, R., Halliwell, R., Loeffler, A., Pucheu-Haston, C. M., Chen, M., Marinkovich, M. P.
  2010; 21 (4): 345-357

- **Observations of Skin Grafts Derived from Keratinocytes Expressing Selectively Engineered Mutant Laminin-332 Molecules** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Sakai, N., Waterman, E. A., Nguyen, N. T., Keene, D. R., Marinkovich, M. P.

2010; 130 (8): 2147-2150

- **Deletion of dermal integrin beta-1 leads to adhesion, but not hair follicle morphogenesis, defects**
  DeRouen, M. C., Marinkovich, M. P., Oro, A. E.
  NATURE PUBLISHING GROUP.2010: S104
- **Role of Dermal-Epidermal Basement Membrane Zone in Skin, Cancer, and Developmental Disorders** *DERMATOLOGIC CLINICS*
  Ko, M. S., Marinkovich, M. P.
  2010; 28 (1): 1-?
- **Loss of the Desmosomal Protein Perp Enhances the Phenotypic Effects of Pemphigus Vulgaris Autoantibodies** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Nguyen, B., Dusek, R. L., Beaudry, V. G., Marinkovich, M. P., Attardi, L. D.
  2009; 129 (7): 1710-1718
- **Subepidermal blistering induced by human autoantibodies to BP180 requires innate immune players in a humanized bullous pemphigoid mouse model** *JOURNAL OF AUTOIMMUNITY*
  Liu, Z., Sui, W., Zhao, M., Li, Z., Li, N., Thresher, R., Giudice, G. J., Fairley, J. A., Sitaru, C., Zillikens, D., Ning, G., Marinkovich, M. P., Diaz, et al
  2008; 31 (4): 331-338
- **Laminin-511 is an epithelial message promoting dermal papilla development and function during early hair morphogenesis** *GENES & DEVELOPMENT*
  Gao, J., DeRouen, M. C., Chen, C., Nguyen, M., Nguyen, N. T., Ido, H., Harada, K., Sekiguchi, K., Morgan, B. A., Miner, J. H., Oro, A. E., Marinkovich, M. P.
  2008; 22 (15): 2111-2124
- **Targeting a tumor-specific laminin domain critical for human carcinogenesis** *CANCER RESEARCH*
  Tran, M., Rousselle, P., Nokelainen, P., Tallapragada, S., Nguyen, N. T., Fincher, E. F., Marinkovich, M. P.
  2008; 68 (8): 2885-2894
- **Observations of epidermal grafts derived from keratinocytes expressing selectively engineered mutant laminin-332 molecules** *International Investigative Dermatology Meeting*
  Sakai, N., Waterman, E., Nguyen, N., Keene, D., Kawana, S., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2008: S43–S43
- **Targeting a tumor specific laminin domain critical for human carcinogenesis** *International Investigative Dermatology Meeting*
  Tran, M. M., Rousselle, P., Tallapragracku, S., Nguyen, N., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2008: S27–S27
- **Discovery of Basement Membrane Components.** *journal of investigative dermatology*
  Peter Marinkovich, M.
  2008; 128: E3-4
- **Bridging structure with function: Structural, regulatory, and developmental role of laminins** *INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY*
  Tzu, J., Marinkovich, M. P.
  2008; 40 (2): 199-214
- **Laminin/Integrin expression profile in malignant melanoma**
  Wong, K., Marinkovich, M. P., Horst, B. A.
  NATURE PUBLISHING GROUP.2008: 103A–104A
- **Laminin/integrin expression profile in malignant melanoma**
  Wong, K., Marinkovich, M. P., Horst, B. A.
  NATURE PUBLISHING GROUP.2008: 103A–104A
- **Discovery of basement membrane components.** *journal of investigative dermatology*
  Marinkovich, M. P.
  2008; 128 (E2): E3-4
- **A processed laminin-332 domain selectively localizes to and potentiates carcinoma development** *37th Annual Meeting of the European-Society-for-Dermatological-Research*

Tran, M. M., Rousselle, P., Nokelainen, N. P., Talapragada, S., Nguyen, N., Marinkovich, M. P.
NATURE PUBLISHING GROUP.2007: S90–S90

- **What's new in blistering disorders?** *CURRENT ALLERGY AND ASTHMA REPORTS*
  Chaudbari, P., Marinkovich, M. P.
  2007; 7 (4): 255-263

- **A laminin-collagen complex drives human epidermal carcinogenesis through phosphoinositol-3-kinase activation** *CANCER RESEARCH*
  Waterman, E. A., Sakai, N., Nguyen, N. T., Horst, B. A., Veitch, D. P., Dey, C. N., Ortiz-Urda, S., Khavari, P. A., Marinkovich, M. P.
  2007; 67 (9): 4264-4270

- **Tumour microenvironment: laminin 332 in squamous-cell carcinoma.** *Nature reviews. Cancer*
  Marinkovich, M. P.
  2007; 7 (5): 370-380

- **The role of collagen XVII in ras-driven human epidermal tumorigenesis**
  Makino, T., Ngyun, N. T., Chen, C. H., Shimizu, T., Rizzo, A. C., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2007: S24

- **Critical domains of a6 beta 4 integrin for squamous cell carcinoma progression** *96th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
  Horst, B. A., Russell, A., Nguyen, N., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2007: 94A–94A

- **Critical domains of a6 beta 4 integrin for squamous cell carcinoma progression**
  Horst, B. A., Russell, A., Nguyen, N., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2007: 94A

- **Integrin beta 4 regulates migratory behavior of keratinocytes by determining laminin-332 organization** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Sehgal, B. U., DeBiase, P. J., Matzno, S., Chew, T., Claiborne, J. N., Hopkinson, S. B., Russell, A., Marinkovich, M. P., Jones, J. C.
  2006; 281 (46): 35487-35498

- **beta 4 integrin and epidermal growth factor coordinately regulate electric field-mediated directional migration via Rac1** *MOLECULAR BIOLOGY OF THE CELL*
  Pullar, C. E., Baier, B. S., Kariya, Y., Russell, A. J., Horst, B. A., Marinkovich, M. P., Isseroff, R. R.
  2006; 17 (11): 4925-4935

- **Keratinocyte-secreted laminin 5 can function as a transient receptor for human papillomaviruses by binding virions and transferring them to adjacent cells** *JOURNAL OF VIROLOGY*
  Culp, T. D., Budgeon, L. R., Marinkovich, M. P., Meneguzzi, G., Christensen, N. D.
  2006; 80 (18): 8940-8950

- **Laminin-5 alpha 3 G4-5 inhibition ablates epidermal tumorigenesis through PI3K-Akt pathway inactivation but does not disrupt normal epithelial cohesion** *67th Annual Meeting of the Society-for-Investigative-Dermatology*
  Tran, M. M., Rousselle, P., Nokelainen, P., Nguyen, N., Keene, D. R., Fincher, E. F., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2006: 24–24

- **Laminin-5 Beta 3 chain promotes epidermal carcinogenesis through type VII collagen binding and pi3k activation**
  Sakai, N., Waterman, E. A., Nguyen, N. E., Horst, B. A., Veitch, D. P., Dey, C. N., Ortiz-Urda, S., Khavari, P. A., Marinkovich, M.
  NATURE PUBLISHING GROUP.2006: 24

- **Overexpression of laminin-8 in human dermal microvascular endothelial cells promotes angiogenesis-related functions** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Li, J., Zhou, L., Tran, H. T., Chen, Y., Nguyen, N. E., Karasek, M. A., Marinkovich, M. P.
  2006; 126 (2): 432-440

- **A simplified laminin nomenclature** *MATRIX BIOLOGY*
  Aumailley, M., Bruckner-Tuderman, L., Carter, W. G., Deutzmann, R., Edgar, D., Ekblom, P., Engel, J., ENGVALL, E., Hohenester, E., Jones, J. C., Kleinman, H. K., Marinkovich, M. P., Martin, et al
  2005; 24 (5): 326-332

- **Type VII collagen is required for cellular invasiveness in epidermal carcinogenesis** *66th Annual Meeting of the Society-for-Investigative-Dermatology*
  Ortiz-Urda, S., Garcia, J., Marinkovich, M., Khavari, P.
  NATURE PUBLISHING GROUP.2005: A25–A25

- **Laminin 10 in the angiogenesis and invasion of squamous cell carcinoma**
  Li, J., Zhang, Y., Romagosa, R., Saghari, S., Elgart, G., Miner, J. H., Marinkovich, M. P., Nouri, K.
  BLACKWELL PUBLISHING INC.2005: A21

- **Two distinct roles for the laminin-5 beta 3 chain in epidermal carcinogenesis and adhesion** *66th Annual Meeting of the Society-for-Investigative-Dermatology*
  Waterman, E. A., Ortiz-Urda, S., Nguyen, N. T., Veitch, D. P., Horst, B. A., Dey, C. N., Khavari, P. A., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2005: A22–A22

- **Type VII collagen is required for Ras-driven human epidermal tumorigenesis** *SCIENCE*
  Ortiz-Urda, S., Garcia, J., Green, C. L., Chen, L., Lin, Q., Veitch, D. P., Sakai, L. Y., LEE, H., Marinkovich, M. P., Khavari, P. A.
  2005; 307 (5716): 1773-1776

- **Advances in inherited epidermolysis bullosa.** *Advances in dermatology*
  McAllister, J. C., Peter Marinkovich, M.
  2005; 21: 303-334

- **Involvement of p53 and p16 tumor suppressor genes in recessive dystrophic epidermolysis bullosa-associated squamous cell carcinoma** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Arbiser, J. L., Fan, C. Y., Su, X. B., van Emburgh, B. O., Cerimele, F., Miller, M. S., Harvell, J., Marinkovich, M. P.
  2004; 123 (4): 788-790

- **Identification of critical domains of beta 4 integrin and laminin-5 required for human SCC development** *65th Annual Meeting of the Society-for-Investigative-Dermatology*
  Horst, B. A., Nokelainen, P., Fincher, E. F., Nguyen, N. T., Russell, A. J., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2004: A19–A19

- **Role of laminin-10 in hair development**
  Gao, J., Chen, C., Nguyen, N. T., Leopold, P. L., Crystal, R. G., Miner, J. H., Oro, A. E., Li, J., Marinkovich, M. P.
  BLACKWELL PUBLISHING INC.2004: A112

- **Laminins 8 and 10 in skin basement membrane reconstitution and wound healing** *65th Annual Meeting of the Society-for-Investigative-Dermatology*
  Li, J., Zhu, L., Kirsner, R. S., Davis, S. C., Mertz, P. M., Eaglstein, W. H., Miner, J. H., Marinkovich, M. P., Zhang, Y.
  NATURE PUBLISHING GROUP.2004: A31–A31

- **Kinetics and specificity of Fas ligand induction in toxic epidermal necrolysis** *ARCHIVES OF DERMATOLOGY*
  Chang, H. Y., Cooper, Z. A., Swetter, S. A., Marinkovich, M. P.
  2004; 140 (2): 242-244

- **Mature human thymocytes migrate on laminin-5 with activation of metalloproteinase-14 and cleavage of CD44** *JOURNAL OF IMMUNOLOGY*
  Vivinus-Nebot, M., Rousselle, P., Breittmayer, J. P., Cenciarini, C., Berrih-Aknin, S., Spong, S., Nokelainen, P., Cottrez, F., Marinkovich, M. P., Bernard, A.
  2004; 172 (3): 1397-1406

- **Autocrine laminin-5 ligates alpha 6 beta 4 integrin and activates RAC and NF kappa B to mediate anchorage-independent survival of mammary tumors** *JOURNAL OF CELL BIOLOGY*
  Zahir, N., Lakins, J. N., Russell, A., Ming, W. Y., Chatterjee, C., Rozenberg, G. I., Marinkovich, M. P., Weaver, V. M.
  2003; 163 (6): 1397-1407

- **alpha 6 beta 4 integrin regulates keratinocyte chemotaxis through differential GTPase activation and antagonism of alpha 3 beta 1 integrin** *JOURNAL OF CELL SCIENCE*
  Russell, A. J., Fincher, E. F., Millman, L., Smith, R., Vela, V., Waterman, E. A., Dey, C. N., Guide, S., Weaver, V. M., Marinkovich, M. P.
  2003; 116 (17): 3543-3556

- **Topical tacrolimus is a useful adjunctive therapy for bullous pemphigoid** *ARCHIVES OF DERMATOLOGY*
  Chu, J., Bradley, M., Marinkovich, M. P.
  2003; 139 (6): 813-815

- **Laminin-10 is crucial for hair morphogenesis** *EMBO JOURNAL*
  Li, J., Tzu, J., Chen, Y., Zhang, Y. P., Nguyen, N. T., Gao, J., Bradley, M., Keene, D. R., Oro, A. E., Miner, J. H., Marinkovich, M. P.
  2003; 22 (10): 2400-2410

- **Mammalian tolloid metalloproteinase, and not matrix metalloprotease 2 or membrane type 1 metalloprotease, processes laminin-5 in keratinocytes and skin** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Veitch, D. P., Nokelainen, P., McGowan, K. A., Nguyen, T. T., Nguyen, N. E., Stephenson, R., Pappano, W. N., Keene, D. R., Spong, S. M., Greenspan, D. S., Findell, P. R., Marinkovich, P. M.
  2003; 278 (18): 15661-15668

- **NF-kappa B blockade and oncogenic Ras trigger invasive human epidermal neoplasia** *NATURE*
  Dajee, M., Lazarov, M., Zhang, J. Y., Cai, T., Green, C. L., Russell, A. J., Marinkovich, M. P., Tao, S. Y., Lin, Q., Kubo, Y., Khavari, P. A.
  2003; 421 (6923): 639-643

- **Injection of genetically engineered fibroblasts corrects regenerated human epidermolysis bullosa skin tissue** *JOURNAL OF CLINICAL INVESTIGATION*
  Ortiz-Urda, S., Lin, Q., Green, C. L., Keene, D. R., Marinkovich, M. P., Khavari, P. A.
  2003; 111 (2): 251-255

- **Activation of the small GTPase Rac1 alters localization of integrin alpha 3 beta 1 leading to disruption of Hemidesmosome formation**
  Chu, J., Russell, A. J., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.2002: 229–29

- **Laminin 10 in wound re-epithelialization and angiogenesis**
  Li, J., Kirsner, R. S., Marinkovich, M. P., Miner, J. H., Zhang, Y.
  BLACKWELL PUBLISHING INC.2002: 233

- **Laminin 10 is essential for hair development**
  Tzu, J. E., Li, J., Lehman, D., Chen, Y., Nguyen, N. T., Keene, D. R., Miner, J. H., Oro, A. E., Marinkovich, M.
  NATURE PUBLISHING GROUP.2002: 291–91

- **The first international consensus on mucous membrane pemphigoid - Definition, diagnostic criteria, pathogenic factors, medical treatment, and prognostic indicators** *ARCHIVES OF DERMATOLOGY*
  Chan, L. S., Ahmed, A. R., ANHALT, G. J., Bernauer, W., Cooper, K. D., Elder, M. J., Fine, J. D., Foster, S., Ghohestani, R., Hashimoto, T., Hoang-Xuan, T., Kirtschig, G., Korman, et al
  2002; 138 (3): 370-379

- **Epidermolysis bullosa: new and emerging trends.** *American journal of clinical dermatology*
  Pai, S., Marinkovich, M. P.
  2002; 3 (6): 371-380

- **Collagen XVII (BP180, BPAG2) is the most common epidermal basement membrane autoantigen in humans and other animals** *4th World Conference of Veterinary Dermatology*
  Olivry, T., Marinkovich, M. P.
  BLACKWELL SCIENCE PUBL.2002: 20–29

- **Linear IgA bullous dermatosis** *CLINICS IN DERMATOLOGY*
  Guide, S. V., Marinkovich, M. P.
  2001; 19 (6): 719-727

- **Multiple functions for beta 4 integrin in human microvascular endothelial cells**
  Marinkovich, M., Zhou, L., Russell, A., Li, J., Karasek, M.
  NATURE PUBLISHING GROUP.2001: 391–91

- **Integrin alpha 6 beta 4 ligation controls keratinocyte morphology and chemotaxis through opposing stimulation of the small GTPases, Rac and Rho**
  Russell, A., Fincher, E., Vela, Smith, R., Marinkovich, M.

BLACKWELL SCIENCE INC.2001: 477

- **Role of tyrosine kinase in endothelial cell migration and angiogenesis**
  Zhou, L., Marinkovich, M., Karasek, M.
  BLACKWELL SCIENCE INC.2001: 392
- **Laminin 10 plays a critical role in the development of normal skin and hair follicles**
  Li, J., Chen, Y., Miner, J., Marinkovich, M.
  BLACKWELL SCIENCE INC.2001: 426
- **Bone morphogenic protein-1 inhibitors block human squamous cell carcinoma invasion in vitro**
  Pai, S., Veitch, D., Ho, W., Fincher, E., Russell, A., Findell, P., Marinkovich, M.
  BLACKWELL SCIENCE INC.2001: 398
- **A spontaneous canine model of mucous membrane (cicatricial) pemphigoid, an autoimmune blistering disease affecting mucosae and mucocutaneous junctions** *JOURNAL OF AUTOIMMUNITY*
  Olivry, T., Dunston, S. M., Schachter, M., Xu, L. T., Nguyen, N., Marinkovich, M. P., Chan, L. S.
  2001; 16 (4): 411-421
- **IgG anti-LABD97 antibodies in bullous pemphigoid patients' sera react with the mid-portion of the BPAg2 ectodomain** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Egan, C. A., Reddy, E. D., Nie, Z. X., Taylor, T. B., Schmidt, L. A., Meyer, L. J., Petersen, M. J., Hashimoto, T., Marinkovich, M. P., Zone, J. J.
  2001; 116 (2): 348-350
- **Properties of the collagen type XVII ectodomain - Evidence for N- to C-terminal triple helix folding** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Areida, S. K., Reinhardt, D. P., Muller, P. K., FIETZEK, P. P., Kowitz, J., Marinkovich, M. P., Notbohm, H.
  2001; 276 (2): 1594-1601
- **Processing of laminin-5 in keratinocyte migration**
  Veitch, D. P., McGowan, K., Findell, P., Sharma, P., Marinkovich, M. P.
  AMER SOC CELL BIOLOGY.2000: 47A–47A
- **Phenotypic reversion of alpha 3-deficient human keratinocytes and functional studies of laminin 5**
  Fincher, E. F., Russell, A. J., Marinkovich, M. P.
  AMER SOC CELL BIOLOGY.2000: 391A–392A
- **Laminins and human disease** *MICROSCOPY RESEARCH AND TECHNIQUE*
  McGowan, K. A., Marinkovich, M. P.
  2000; 51 (3): 262-279
- **Autoantibodies to BP180 associated with bullous pemphigoid release interleukin-6 and interleukin-8 from cultured human keratinocytes** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Schmidt, E., Reimer, S., Kruse, N., Jainta, S., Brocker, E. B., Marinkovich, M. P., Giudice, G. J., Zillikens, D.
  2000; 115 (5): 842-848
- **Autoantibodies against the processed ectodomain of collagen XVII (BPAG2, BP180) define a canine homologue of linear IgA disease of humans** *VETERINARY PATHOLOGY*
  Olivry, T., Dunston, S. M., Fahey, M., Nguyen, N., Marinkovich, M. P.
  2000; 37 (4): 302-309
- **Subepidermal blistering disease with autoantibodies against a novel dermal 200-kDa antigen** *JOURNAL OF DERMATOLOGICAL SCIENCE*
  Kawahara, Y., Zillikens, D., Yancey, K. B., Marinkovich, M. P., Nie, Z., Hashimoto, T., Nishikawa, T.
  2000; 23 (2): 93-102
- **Compound heterozygosity for novel splice site mutations in the BPAG2/COL17A1 gene underlies generalized atrophic benign epidermolysis bullosa** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Pulkkinen, L., Marinkovich, M. P., Tran, H. T., Lin, L., Herron, G. S., Uitto, J.
  1999; 113 (6): 1114-1118
- **Reduced anchoring fibril formation and collagen VII immunoreactivity in feline dystrophic epidermolysis bullosa** *VETERINARY PATHOLOGY*

Olivry, T., Dunston, S. M., Marinkovich, M. P.
1999; 36 (6): 616-618

- **Antibodies to BP180 induce the release of IL-6 and IL-8 from cultured normal human keratinocytes**
  Schmidt, E., Reimer, S., Kruse, N., Brocker, E. B., Marinkovich, M. P., Giudice, G., Zillikens, D.
  BLACKWELL SCIENCE INC.1999: 438
- **Update on inherited bullous dermatoses** *DERMATOLOGIC CLINICS*
  Marinkovich, M. P.
  1999; 17 (3): 473-?
- **Novel feline autoimmune blistering disease resembling bullous pemphigoid in humans: IgG autoantibodies target the NC16A ectodomain of type XVII collagen (BP180/BPAG2)** *VETERINARY PATHOLOGY*
  Olivry, T., Chan, L. S., Xu, L., Chace, P., Dunston, S. M., Fahey, M., Marinkovich, M. P.
  1999; 36 (4): 328-335
- **Melanocytes adhere to and synthesize laminin-5 in vitro** *EXPERIMENTAL DERMATOLOGY*
  Scott, G. A., Cassidy, L., Tran, H., Rao, S. K., Marinkovich, M. P.
  1999; 8 (3): 212-221
- **Bullous systemic lupus erythematosus with autoantibodies recognizing multiple skin basement membrane components, bullous pemphigoid antigen 1, laminin-5, laminin-6, and type VII collagen** *International Investigative Dermatology Meeting*
  Chan, L. S., Lapiere, J. C., Chen, M., Traczyk, T., Mancini, A. J., Paller, A. S., Woodley, D. T., Marinkovich, M. P.
  AMER MEDICAL ASSOC.1999: 569–73
- **Disruption of integrin a6b4 ligand binding through point mutation in human keratinocytes: Effects upon hemidesmosome formation and cell migration**
  Russell, A. J., Ghaed, S. V., Marinkovich, M. P.
  BLACKWELL SCIENCE INC.1999: 537
- **Durable and efficient corrective keratin 14 gene therapy in recessive epidermolysis bullosa simplex (EBS)**
  Pereira, P., Bruckner-Tuderman, L., Zabel, B., Marinkovich, M. P.
  BLACKWELL SCIENCE INC.1999: 640
- **NC1 domain of type VII collagen binds to the beta 3 chain of laminin 5 via a unique subdomain within the fibronectin-like repeats** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Chen, M., Marinkovich, M. P., Jones, J. C., O'Toole, E. A., Li, Y. Y., Woodley, D. T.
  1999; 112 (2): 177-183
- **Gene therapy for a lethal genetic blistering disease: a status report.** *Transactions of the American Clinical and Climatological Association*
  BAUER, E. A., Herron, G. S., Marinkovich, M. P., Khavari, P. A., Lane, A. T.
  1999; 110: 86-92
- **BP180 gene delivery in junctional epidermolysis bullosa** *GENE THERAPY*
  Seitz, C. S., Giudice, G. J., Balding, S. D., Marinkovich, M. P., Khavari, P. A.
  1999; 6 (1): 42-47
- **NC1 domain of type VII (anchoring fibril) collagen binds to the beta 3 chain of laminin 5 via a unique subdomain within the fibronectin-like repeats.**
  Chen, M., Marinkovich, M. P., Jones, J. C., O'Toole, E. A., Li, Y. Y., Woodley, D. T.
  BLACKWELL SCIENCE INC.1998: 496
- **Self-assembly of laminin isoforms** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Cheng, Y. S., Champliaud, M. F., Burgeson, R. E., Marinkovich, M. P., Yurchenco, P. D.
  1997; 272 (50): 31525-31532
- **Hypoxia increases human keratinocyte motility on connective tissue** *56th Annual Meeting of the Society-for-Investigative-Dermatology*
  O'Toole, E. A., Marinkovich, M. P., Peavey, C. L., Amieva, M. R., FURTHMAYR, H., Mustoe, T. A., Woodley, D. T.
  AMER SOC CLINICAL INVESTIGATION INC.1997: 2881–91
- **LAD-1 is absent in a subset of junctional epidermolysis bullosa patients** *57th Annual Meeting of the Society-for-Investigative-Dermatology*

Marinkovich, M. P., Tran, H. H., Rao, S. K., Giudice, G. J., Balding, S., Jonkman, M. F., Pas, H. H., McGuire, J. S., Herron, G. S., BRUCKNERTUDERMAN, L.
NATURE PUBLISHING GROUP.1997: 356–59

- **Immunodissection of the connective tissue matrix in human skin** *MICROSCOPY RESEARCH AND TECHNIQUE*
  Keene, D. R., Marinkovich, M. P., Sakai, L. Y.
  1997; 38 (4): 394-406

- **Laminin-5 inhibits human keratinocyte migration** *57th Annual Meeting of the Society-for-Investigative-Dermatology*
  OToole, E. A., Marinkovich, M. P., Hoeffler, W. K., FURTHMAYR, H., Woodley, D. T.
  ELSEVIER INC.1997: 330–39

- **Interactions of the amino-terminal noncollagenous (NC1) domain of type VII collagen with extracellular matrix components - A potential role in epidermal-dermal adherence in human skin** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Chen, M., Marinkovich, M. P., Veis, A., Cai, X. Y., Rao, C. N., OToole, E. A., Woodley, D. T.
  1997; 272 (23): 14516-14522

- **Laminin-6 and laminin-5 are recognized by autoantibodies in a subset of cicatricial pemphigoid** *Annual Meeting of the Society-for-Investigative-Dermatology*
  Chan, L. S., MAJMUDAR, A. A., Tran, H. H., Meier, F., SCHAUMBURGLEVER, G., Chen, M., Anhalt, G., Woodley, D. T., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.1997: 848–53

- **LAD-1 is a collagenous component of keratinocyte adhesion complexes which assembles into a high molecular weight complex and which has homology to BP180.**
  Tran, H. H., Schumann, H., Balding, S., Giudice, G. J., BRUCKNERTUDERMAN, L., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.1997: 289–89

- **Identification of binding sites of noncollagenous (NCI) domain of type VII collagen with laminin 5/6 and other extracellular matrix components.**
  Chen, M., Marinkovich, M. P., Cai, X. Y., Woodley, D. T.
  NATURE PUBLISHING GROUP.1997: 461–61

- **BP180 gene transfer and expression in benign junctional epidermolysis bullosa.**
  Seitz, C. S., Marinkovich, M. P., Tran, H., Janoff, M., Diaz, L. A., OToole, E. A., Woodley, D. T., Giudice, G. J., Khavari, P. A.
  NATURE PUBLISHING GROUP.1997: 305–

- **A novel subepidermal blistering disease with autoantibodies to a 200-kDa antigen of the basement membrane zone.** *journal of investigative dermatology*
  Zillikens, D., Kawahara, Y., Ishiko, A., Shimizu, H., Mayer, J., Rank, C. V., Liu, Z., Giudice, G. J., Tran, H. H., Marinkovich, M. P., Brocker, E. B., Hashimoto, T.
  1996; 106 (6): 1333-1338

- **A novel subepidermal blistering disease with autoantibodies to a 200-kDa antigen of the basement membrane zone (vol 106, pg 465, 1996)** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Zillikens, D., Kawahara, Y., Ishiko, A., Shimizu, H., Mayer, J., Rank, C. V., Liu, Z., Giudice, G. J., Tran, H. H., Marinkvch, M. P., Brocker, E. B., Hashimoto, T.
  1996; 106 (6): 1332-1338

- **LAD-1, the linear IgA bullous dermatosis autoantigen, is a novel 120-kDa anchoring filament protein synthesized by epidermal cells** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Marinkovich, M. P., Taylor, T. B., Keene, D. R., Burgeson, R. E., Zone, J. J.
  1996; 106 (4): 734-738

- **Molecular mechanisms of hypoxia-driven keratinocyte motility**
  OToole, E. A., Peavey, C., Marinkovich, M. P., Furthmayr, H., Mustoe, T., Woodley, D. T.
  BLACKWELL SCIENCE INC.1996: 141

- **Laminin-5 inhibits keratinocyte motility**
  OToole, E. A., Marinkovich, M. P., Shervin, N., Woodley, D. T.
  BLACKWELL SCIENCE INC.1996: 98

- **Therapy for junctional epidermolysis bullosa: Functional assays and a grafted scid mouse animal model**
  Hoffler, W. K., Nelson, C. F., Matsui, C., Marinkovich, M., Mak, L. L., Wang, C. K.
  BLACKWELL SCIENCE INC.1996: 10

- **Identification of multiple, distinct cicatritial pemphigoid autoantigens.**
  Rao, S. K., Tran, H. H., Allen, J., Wojnarowska, F., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.1996: 39–39

- **Laminin-5 is synthesized by normal human melanocytes, but not melanoma cells, and is a ligand for melanocytes in vivo.**
  Scott, G. A., Cassidy, L., Tran, H. H., Rao, S. K., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.1996: 130–30

- **Human microvascular endothelial cells produce a novel laminin variant.**
  Tran, H. H., Rao, S. K., Zhang, D. N., Romero, L., Khush, K., Herron, G. S., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.1996: 143–43

- **Laminin-B is a lamina, densa autoantigen ih oral pemphigoid.**
  Chan, L. S., MAJMUDAR, A. A., Tran, H. H., Meier, F., SCHAUMBURGLEVER, G., Chen, M., Woodley, D. T., Marinkovich, M. P.
  NATURE PUBLISHING GROUP.1996: 41–41

- **LAD-1 is absent in a subset of generalized atrophic benign junctional epidermolysis bullosa patients**
  Marinkovich, M. P., Tran, H. H., Rao, S. K., Giudice, G. J., Balding, S., Jonkman, M. F., Pas, H. H., BRUCKNERTUDERMAN, L.
  NATURE PUBLISHING GROUP.1996: 281–81

- **A novel subepidermal blistering disease with autoantibodies to a 200-kDa antigen of the basement membrane zone** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Zillikens, D., Kawahara, Y., Ishiko, A., Shimizu, H., Mayer, J., Rank, C. V., Liu, Z., Giudice, G. J., Tran, H. H., Marinkovich, M. P., Brocker, E. B., Hashimoto, T.
  1996; 106 (3): 465-470

- **LAMININ-5 INHIBITS KERATINOCYTE MOTILITY**
  OTOOLE, E. A., MARINKOVICH, M. P., YURKO, M. A., WOODLEY, D. T.
  BLACKWELL SCIENCE PUBL INC CAMBRIDGE.1995: 871

- **PRENATAL-DIAGNOSIS OF HERLITZ JUNCTIONAL EPIDERMOLYSIS-BULLOSA BY AMNIOCENTESIS** *PRENATAL DIAGNOSIS*
  Marinkovich, M. P., Meneguzzi, G., Burgeson, R. E., BLANCHETBARDON, C., Holbrook, K. A., Smith, L. T., Christiano, A. M., Ortonne, J. P.
  1995; 15 (11): 1027-1034

- **ANTIBASEMENT MEMBRANE AUTOANTIBODIES IN PATIENTS WITH ANTI-EPILIGRIN CICATRICIAL PEMPHIGOID BIND THE ALPHA-SUBUNIT OF LAMININ-5** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Kirtschig, G., Marinkovich, M. P., Burgeson, R. E., Yancey, K. B.
  1995; 105 (4): 543-548

- **A NEWLY IDENTIFIED 105-KD LOWER LAMINA-LUCIDA AUTOANTIGEN IS AN ACIDIC PROTEIN DISTINCT FROM THE 105-KD GAMMA-2 CHAIN OF LAMININ-5** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Chan, L. S., Wang, X. S., Lapiere, J. C., Marinkovich, M. P., Jones, J. C., Woodley, D. T.
  1995; 105 (1): 75-79

- **NECROLYTIC MIGRATORY ERYTHEMA WITHOUT GLUCAGONOMA IN PATIENTS WITH LIVER-DISEASE** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Marinkovich, M. P., Botella, R., DATLOFF, J., Sangueza, O. P.
  1995; 32 (4): 604-609

- **JUNCTIONAL EPIDERMOLYSIS-BULLOSA SKIN GRAFTED TO THE SCID MOUSE SHOWS PRESERVATION OF THE DISEASE PHENOTYPE**
  MARINKOVICH, M. P., WOODLEY, D. T., WATANABE, G. L., JENSEN, R. A., CANTRELL, C. F., BANER, E. A., HOEFFLER, W. K., KIM, Y. H.
  BLACKWELL SCIENCE PUBL INC CAMBRIDGE.1995: 603

- **THE MOLECULAR-GENETICS OF BASEMENT-MEMBRANE DISEASES** *ARCHIVES OF DERMATOLOGY*
  Marinkovich, M. P.
  1993; 129 (12): 1557-1565

- **BASEMENT-MEMBRANE PROTEINS KALININ AND NICEIN ARE STRUCTURALLY AND IMMUNOLOGICALLY IDENTICAL** *LABORATORY INVESTIGATION*
  Marinkovich, M. P., Verrando, P., Keene, D. R., Meneguzzi, G., Lunstrum, G. P., Ortonne, J. P., Burgeson, R. E.
  1993; 69 (3): 295-299
- **CELLULAR-ORIGIN OF THE DERMAL-EPIDERMAL BASEMENT-MEMBRANE** *DEVELOPMENTAL DYNAMICS*
  Marinkovich, M. P., Keene, D. R., RIMBERG, C. S., Burgeson, R. E.
  1993; 197 (4): 255-267
- **Kalinin is abnormally expressed in epithelial basement membranes of Herlitz's junctional epidermolysis bullosa patients.** *Experimental dermatology*
  Meneguzzi, G., Marinkovich, M. P., Aberdam, D., Pisani, A., Burgeson, R., Ortonne, J. P.
  1992; 1 (5): 221-229
- **THE DERMAL EPIDERMAL JUNCTION OF HUMAN SKIN CONTAINS A NOVEL LAMININ VARIANT** *JOURNAL OF CELL BIOLOGY*
  Marinkovich, M. P., Lunstrum, G. P., Keene, D. R., Burgeson, R. E.
  1992; 119 (3): 695-703
- **IDENTIFICATION AND PARTIAL-PURIFICATION OF A LARGE, VARIANT FORM OF TYPE-XII COLLAGEN** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Lunstrum, G. P., McDonough, A. M., Marinkovich, M. P., Keene, D. R., Morris, N. P., Burgeson, R. E.
  1992; 267 (28): 20087-20092
- **THE ANCHORING FILAMENT PROTEIN KALININ IS SYNTHESIZED AND SECRETED AS A HIGH-MOLECULAR-WEIGHT PRECURSOR** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Marinkovich, M. P., Lunstrum, G. P., Burgeson, R. E.
  1992; 267 (25): 17900-17906
- **SYNTHESIS OF CALELECTRINS AND CALPACTIN-I DURING CYTOCHALASIN MEDIATED CELL SPREADING INHIBITION** *CELL CALCIUM*
  Hom, Y. K., Marinkovich, M. P., Lozano, J. J., Rocha, V.
  1989; 10 (3): 135-144
- **BASAL LAMINA INHIBITION SUPPRESSES SYNTHESIS OF CALCIUM-DEPENDENT PROTEINS ASSOCIATED WITH MAMMARY EPITHELIAL-CELL SPREADING** *EXPERIMENTAL CELL RESEARCH*
  Rocha, V., Hom, Y. K., Marinkovich, M. P.
  1986; 165 (2): 450-460
- **COLLAGEN-SYNTHESIS AND DEPOSITION DURING MAMMARY EPITHELIAL-CELL SPREADING ON COLLAGEN GELS** *JOURNAL OF CELLULAR PHYSIOLOGY*
  Marinkovich, M. P., Rocha, V.
  1986; 128 (1): 61-70

PRESENTATIONS

- Panel Discussions: Tackling Challenges in Epidermolysis Bullosa: What Does the Future Hold - AAD 2017 Annual Meeting (March 2017)
- Precision Dermatology: Next Generation Prevention, Diagnosis, and Treatment - Annual Montagna Symposium on the Biology of Skin (October 1, 2017)