



## Kerri E. Rieger, MD, PhD

- Clinical Associate Professor, Pathology
- Clinical Associate Professor, Dermatology

### CLINICAL OFFICES

- **Dermatopathology**

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### Bio

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#### BIO

Dr. Rieger is a Clinical Associate Professor of Pathology and Dermatology at Stanford University. She received her M.D., Ph.D. from Stanford University School of Medicine and completed her Dermatology Residency and Dermatopathology Fellowship at Stanford University. She is board certified in Dermatology and Dermatopathology. She evaluates skin specimens in the Pathology department, where her interests include histopathologic findings in hospitalized patients and patients with autoimmune disease. She also sees patients in the dermatology clinic at the Stanford Medicine Outpatient Center in Redwood City, where her clinical interest is adult general dermatology.

#### CLINICAL FOCUS

- Adult general dermatology
- Dermatopathology

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pathology
- Clinical Associate Professor, Dermatology

#### ADMINISTRATIVE APPOINTMENTS

- Fellowship Program Director, Dermatopathology, (2017- present)
- Director of Dermatopathology, Dermatopathology, (2017- present)

- Associate Fellowship Program Director, Dermatopathology, (2013-2017)

## PROFESSIONAL EDUCATION

- Internship: Santa Clara Valley Medical Center (2007) CA
- Residency: Stanford University Pain Management Fellowship (2010) CA
- Board Certification: Dermatopathology, American Board of Dermatology (2012)
- Board Certification: Dermatology, American Board of Dermatology (2010)
- Fellowship: Stanford Hospital and Clinics (2012) CA
- Medical Education: Stanford University (2006) CA

## Teaching

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### COURSES

#### 2019-20

- Science of Medicine III-A: INDE 223A (Win)

#### 2018-19

- Science of Medicine III-A: INDE 223A (Win)

## Publications

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### PUBLICATIONS

- **CD47 prevents the elimination of diseased fibroblasts in scleroderma.** *JCI insight*  
Lerbs, T., Cui, L., King, M. E., Chai, T., Muscat, C., Chung, L., Brown, R., Rieger, K., Shibata, T., Wernig, G.  
2020; 5 (16)
- **PRAME expression in melanocytic proliferations with intermediate histopathologic or spitzoid features.** *Journal of cutaneous pathology*  
Raghavan, S. S., Wang, J. Y., Kwok, S., Rieger, K. E., Novoa, R. A., Brown, R. A.  
2020
- **Diagnostic Utility of LEF1 Immunohistochemistry in Differentiating Deep Penetrating Nevi From Histologic Mimics.** *The American journal of surgical pathology*  
Raghavan, S. S., Saleem, A., Wang, J. Y., Rieger, K. E., Brown, R. A., Novoa, R. A.  
2020
- **Histopathologic Characterization of Mogamulizumab-associated Rash.** *The American journal of surgical pathology*  
Wang, J. Y., Hirotsu, K. E., Neal, T. M., Raghavan, S. S., Kwong, B. Y., Khodadoust, M. S., Brown, R. A., Novoa, R. A., Kim, Y. H., Rieger, K. E.  
2020
- **Diffuse PRAME expression is highly specific for malignant melanoma in the distinction from clear cell sarcoma.** *Journal of cutaneous pathology*  
Raghavan, S. S., Wang, J. Y., Toland, A. n., Bangs, C. D., Rieger, K. E., Novoa, R. A., Charville, G. W., Brown, R. A.  
2020
- **Venetoclax monotherapy for cutaneous blastic plasmacytoid dendritic cell neoplasm.** *Annals of hematology*  
Schwede, M. n., Tan, I. T., Atibalentja, D. F., Dickman, M. M., Rieger, K. E., Mannis, G. N.  
2020
- **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., Nazarov, J., Gorell, E. S., Chiou, A. S., Taylor, L., Khuu, P., Keene, D. R., Rieger, et al  
2019; 4 (19)
- **Eosinophilic Granulomatosis With Polyangiitis: Histopathological Confirmation Despite Negative Serology** *AMERICAN JOURNAL OF MEDICINE*  
Kumar, A. M., Bae, G. H., Besen, J., Kwong, B. Y., Rieger, K. E.

2019; 132 (10): E741–E743

- **A phase 1b, open-label, investigator-initiated, proof-of-concept study of pembrolizumab for advanced basal cell carcinomas**  
Chang, A., Duy Tran, Cannon, J., Li, S., Jeng, M., Rieger, K., Reddy, S., Sarin, K., Colevas, D.  
MOSBY-ELSEVIER.2019: AB8
- **Angiodestructive lymphomatoid papulosis lasting more than 45years.** *JAAD case reports*  
Lee, G. H., Bae, G. H., Rieger, K. E., Kim, Y. H., Chiou, A. S.  
2019; 5 (9): 767–69
- **Intralymphatic Rosai-Dorfman Disease Associated With Vulvar Lymphedema: A Case Report of an Extremely Rare Phenomenon.** *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists*  
Saleem, A., Hoffmann, J., Warnke, R., Rieger, K. E., Longacre, T.  
2019
- **Loss of Primary Cilia Drives Switching from Hedgehog to Ras/MAPK Pathway in Resistant Basal Cell Carcinoma** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*  
Kuonen, F., Huskey, N. E., Shankar, G., Jaju, P., Whitson, R. J., Rieger, K. E., Atwood, S. X., Sarin, K. Y., Oro, A. E.  
2019; 139 (7): 1439–48
- **Clinical factors associated with cutaneous histopathologic findings in dermatomyositis** *JOURNAL OF CUTANEOUS PATHOLOGY*  
Wolstencroft, P. W., Rieger, K. E., Leatham, H. W., Fiorentino, D. F.  
2019; 46 (6): 401–10
- **Persistent Upper Lip Swelling in a Young Woman: Answer.** *The American Journal of dermatopathology*  
Wang, J. Y., Rieger, K. E.  
2019; 41 (5): 386–87
- **Persistent Upper Lip Swelling in a Young Woman: Answer** *AMERICAN JOURNAL OF DERMATOPATHOLOGY*  
Wang, J. Y., Rieger, K. E.  
2019; 41 (5): 386–87
- **Persistent Upper Lip Swelling in a Young Woman: Challenge** *AMERICAN JOURNAL OF DERMATOPATHOLOGY*  
Wang, J. Y., Rieger, K. E.  
2019; 41 (5): E43–E44
- **Biomarker discovery analysis: Alterations in p14, p16, p53, and BAP1 expression in nevi, cutaneous melanoma, and metastatic melanoma** *PIGMENT CELL & MELANOMA RESEARCH*  
Sargen, M. R., Cloutier, J. M., Sarin, K. Y., Rieger, K. E., Chu, P., Swetter, S. M., Novoa, R. A.  
2019; 32 (3): 474–78
- **Digital papillary adenocarcinoma: a case review** *CURRENT ORTHOPAEDIC PRACTICE*  
Ziino, C., Rieger, K. E., Sen, S.  
2019; 30 (2): 102–5
- **Clinical factors associated with cutaneous histopathologic findings in dermatomyositis.** *Journal of cutaneous pathology*  
Wolstencroft, P. W., Rieger, K. E., Leatham, H. W., Fiorentino, D. F.  
2019
- **Loss of primary cilia drives switching from Hedgehog to Ras/MAPK pathway in resistant basal cell carcinoma.** *The Journal of investigative dermatology*  
Kuonen, F., Huskey, N. E., Shankar, G., Jaju, P., Whitson, R. J., Rieger, K. E., Atwood, S. X., Sarin, K. Y., Oro, A. E.  
2019
- **Biomarker discovery analysis: Alterations in p14, p16, p53, and BAP1 expression in nevi, cutaneous melanoma, and metastatic melanoma.** *Pigment cell & melanoma research*  
Sargen, M. R., Cloutier, J. M., Sarin, K. Y., Rieger, K. E., Chu, P., Swetter, S. M., Novoa, R. A.  
2019
- **The Reply.** *The American journal of medicine*  
Kumar, A. M., Bae, G. H., Besen, J. n., Kwong, B. Y., Rieger, K. E.  
2019; 132 (11): e812

- **Eosinophilic granulomatosis with polyangiitis: histopathological confirmation despite negative serology.** *The American journal of medicine*  
Kumar, A. M., Bae, G. H., Besen, J. n., Kwong, B. Y., Rieger, K. E.  
2019
- **Genetic mutations underlying phenotypic plasticity in basosquamous carcinoma** *Journal of Investigative Dermatology*  
Chiang, A., Tan, C. Z., Kuonen, F., Hodgkinson, L. M., Chiang, F., Cho, R. J., South, A. P., Tang, J. Y., Chang, A. L., Rieger, K. E., Oro, A. E., Sarin, K. Y.  
2019
- **Cross-contamination of Pathology Specimens: A Cautionary Tale** *CUTIS*  
Lewellis, S. W., Roy, K., Gojenola, L., Swetter, S. M., Rieger, K. E.  
2018; 102 (4): E12–E14
- **Pachydermodactyly: case report including clinical and histopathologic diagnostic pitfalls.** *Journal of cutaneous pathology*  
Barnes, L. A., Bae, G. H., Lewis, M. A., Rieger, K. E.  
2018
- **Well-Appearing Newborn With a Vesiculobullous Rash at Birth.** *Pediatrics*  
Stewart, S. E., Lin, J. L., Everhart, J. L., Pham, T. H., Marqueling, A. L., Rieger, K. E., Hilgenberg, S. L.  
2018
- **Pembrolizumab for advanced basal cell carcinoma: an investigator-initiated, proof-of-concept study.** *Journal of the American Academy of Dermatology*  
Chang, A. L., Tran, D. C., Cannon, J. G., Li, S. n., Jeng, M. n., Patel, R. n., Van der Bokke, L. n., Pague, A. n., Brotherton, R. n., Rieger, K. E., Satpathy, A. T., Yost, K. E., Reddy, et al  
2018
- **An adolescent with granulomatous mycosis fungoides infiltrating skeletal muscle successfully treated with oral prednisone.** *JAAD case reports*  
Lewis, D. J., Turkeltaub, A. E., Dai, J., Nagarajan, P., Rieger, K. E., Nunez, C. A., Kim, Y. H., Duvic, M.  
2017; 3 (4): 276–79
- **Eruptive Keratoacanthomas Associated With Pembrolizumab Therapy.** *JAMA dermatology*  
Freites-Martinez, A., Kwong, B. Y., Rieger, K. E., Coit, D. G., Colevas, A. D., Lacouture, M. E.  
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
- **Correlates of multiple basal cell carcinoma in a retrospective cohort study: Sex, histologic subtypes, and anatomic distribution.** *Journal of the American Academy of Dermatology*  
Kuo, K. Y., Batra, P., Cho, H. G., Li, S., Chahal, H. S., Rieger, K. E., Tang, J. Y., Sarin, K. Y.  
2017
- **Postzygotic Mutations in Beta-Actin are Associated with Becker's Nevus and Becker's Nevus Syndrome.** *journal of investigative dermatology*  
Cai, E. D., Sun, B. K., Chiang, A., Rogers, A., Bernet, L., Cheng, B., Teng, J., Rieger, K. E., Sarin, K. Y.  
2017
- **Zosteriform Mycosis Fungoides: A New Clinical Presentation With a Dermatomal Distribution.** *The American Journal of dermatopathology*  
Rieger, K. E., Kim, J., Kim, Y. H.  
2017; 39 (2): e17-e18
- **Incidence ratio of basal cell carcinoma to squamous cell carcinoma equalizes with age.** *Journal of the American Academy of Dermatology*  
Chahal, H. S., Rieger, K. E., Sarin, K. Y.  
2017; 76 (2): 353-354
- **Basosquamous Carcinoma: Controversy, Advances, and Future Directions.** *Dermatologic surgery*  
Tan, C. Z., Rieger, K. E., Sarin, K. Y.  
2017; 43 (1): 23-31
- **Persistent Upper Lip Swelling in a Young Woman.** *The American Journal of dermatopathology*  
Wang, J. Y., Rieger, K. E.

2017

- **Zosteriform Mycosis Fungoides: A New Clinical Presentation With a Dermatomal Distribution.** *The American Journal of dermatopathology*  
Rieger, K. E., Kim, J., Kim, Y. H.  
2016
- **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
- **Ovoid Palatal Patch in Dermatomyositis: A Novel Finding Associated With Anti-TIF1? (p155) Antibodies.** *JAMA dermatology*  
Bernet, L. L., Lewis, M. A., Rieger, K. E., Casciola-Rosen, L., Fiorentino, D. F.  
2016; 152 (9): 1049-1051
- **PUF60: a prominent new target of the autoimmune response in dermatomyositis and Sjogren's syndrome** *ANNALS OF THE RHEUMATIC DISEASES*  
Fiorentino, D. F., Presby, M., Baer, A. N., Petri, M., Rieger, K. E., Soloski, M., Rosen, A., Mammen, A. L., Christopher-Stine, L., Casciola-Rosen, L.  
2016; 75 (6): 1145-1151
- **New-onset cutaneous lichen planus following therapy for hepatitis C with ledipasvir-sofosbuvir** *JOURNAL OF CUTANEOUS PATHOLOGY*  
Scott, G. D., Rieger, K. E.  
2016; 43 (4): 408-9
- **JAK2-positive cutaneous myelofibrosis presenting as sclerosing extramedullary hematopoietic tumors on the scalp: case presentation and review of the literature.** *Journal of cutaneous pathology*  
LeBlanc, R. E., Lester, L., Kwong, B., Rieger, K. E.  
2015; 42 (11): 858-862
- **JAK2-positive cutaneous myelofibrosis presenting as sclerosing extramedullary hematopoietic tumors on the scalp: case presentation and review of the literature** *JOURNAL OF CUTANEOUS PATHOLOGY*  
LeBlanc, R. E., Lester, L., Kwong, B., Rieger, K. E.  
2015; 42 (11): 858-862
- **Activity of Type I and Type II Interferons in Dermatomyositis Skin Is Correlated with Characteristic Pathologic Features**  
Leatham, H. W., Rieger, K., Chung, L., Li, S., Higgs, B. W., Yao, Y., Sarin, K., Fiorentino, D.  
WILEY-BLACKWELL.2015
- **A subdermal source: contact dermatitis.** *American journal of medicine*  
Fogel, A. L., Longmire, M., Rieger, K. E., Sarin, K. Y.  
2015; 128 (6): 578-581
- **ETV3-NCOA2 in indeterminate cell histiocytosis: clonal translocation supports sui generis.** *Blood*  
Brown, R. A., Kwong, B. Y., McCalmont, T. H., Ragsdale, B. n., Ma, L. n., Cheung, C. n., Rieger, K. E., Arber, D. A., Kim, J. n.  
2015
- **Localized cutaneous fibrosing disorders.** *Rheumatic diseases clinics of North America*  
Yaquib, A., Chung, L., Rieger, K. E., Fiorentino, D. F.  
2013; 39 (2): 347-364
- **Localized cutaneous fibrosing disorders.** *Rheumatic diseases clinics of North America*  
Yaquib, A., Chung, L., Rieger, K. E., Fiorentino, D. F.  
2013; 39 (2): 347-364
- **Reconsidering the Diagnostic and Prognostic Utility of LN-2 for Undifferentiated Pleomorphic Sarcoma and Atypical Fibroxanthoma** *AMERICAN JOURNAL OF DERMATOPATHOLOGY*  
Hollmig, S. T., Rieger, K. E., Henderson, M. T., West, R. B., Sundram, U. N.  
2013; 35 (2): 176-179
- **ALK-negative systemic intravascular anaplastic large cell lymphoma presenting in the skin** *JOURNAL OF CUTANEOUS PATHOLOGY*  
Rieger, K. E., POLIDORE, T., Warnke, R., Kim, J.

2011; 38 (2): 216-220

- **Skin Nodules in a Patient With Acute Myeloid Leukemia and Neurological Deterioration - Disseminated fusariosis** *ARCHIVES OF DERMATOLOGY*  
Rieger, K. E., Ridky, T. W., Sundram, U. N.  
2010; 146 (9): 1037-1042
- **Recurrence rates associated with incompletely excised low-risk nonmelanoma skin cancer** *JOURNAL OF CUTANEOUS PATHOLOGY*  
Rieger, K. E., Linos, E., Egbert, B. M., Swetter, S. M.  
2010; 37 (1): 59-67
- **Toxicity from radiation therapy associated with abnormal transcriptional responses to DNA damage** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Rieger, K. E., Hong, W. J., Tusher, V. G., Tang, J., Tibshirani, R., Chu, G.  
2004; 101 (17): 6635-6640
- **Portrait of transcriptional responses to ultraviolet and ionizing radiation in human cells** *NUCLEIC ACIDS RESEARCH*  
Rieger, K. E., Chu, G.  
2004; 32 (16): 4786-4803