

Stanford



Ryanne Ashley Brown, MD, MBA

- Clinical Associate Professor, Pathology
- Clinical Associate Professor (By courtesy), Dermatology

CLINICAL OFFICE (PRIMARY)

- **Pathology**

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Bio

BIO

Ryanne Brown, M.D., M.B.A., is a Clinical Assistant Professor of Pathology and (by courtesy) Dermatology. She completed her residency training in Anatomic and Clinical Pathology followed by Surgical Pathology and Dermatopathology fellowships at Stanford. She is board certified in both Anatomic Pathology and Clinical Pathology (American Board of Pathology) and Dermatopathology (American Boards of Pathology/Dermatology). Her interests include cutaneous lymphoma and histiocytic neoplasms.

CLINICAL FOCUS

- Anatomic and Clinical Pathology

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pathology
- Clinical Associate Professor (By courtesy), Dermatology

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Dermatopathology Fellowship (2018) CA
- Residency: Stanford University Pathology Residency (2016) CA
- Medical Education: Baylor College of Medicine (2012) TX
- Board Certification: Dermatopathology, American Board of Pathology (2018)
- Fellowship: Stanford University Surgical Pathology Fellowship (2017) CA
- Board Certification: Anatomic and Clinical Pathology, American Board of Pathology (2016)

Publications

PUBLICATIONS

- **TRPS1 Expression Across the Spectrum of Paget Disease and Morphologic Mimics.** *Applied immunohistochemistry & molecular morphology* : AIMM

- Rutland, C. D., Wang, A., Zdravkovic, S., Wieland, R., Brown, R. A., Baker, G. M., Troxell, M. L., Krings, G., Bean, G. R.
2026
- **"Leukemic pernio": perniosis-like presentations of chronic lymphocytic leukemia.** *Clinical and experimental dermatology*
Gilbert, A., Saleem, A., Kim, Y. H., Khodadoust, M. S., Brown, R. A., Novoa, R. A., Rieger, K. E.
2026
 - **Endocrine mucin-producing sweat gland carcinoma of the eyelid in an elderly male: A case report.** *American journal of ophthalmology case reports*
Ha, S. K., Woldetensaye, A., Brown, R. A., Hirotsu, K. E., Kinde, B.
2025; 40: 102471
 - **New Diagnostics and Management for Trichodysplasia Spinulosa.** *JAMA dermatology*
Urman, N. M., Brown, R. A., Rieger, K., Novoa, R., Strelow, J., Kwong, B. Y.
2025
 - **A Rare Case of Dermal Myofibroblastoma Emphasizing the Diagnostic Utility of Immunohistochemical Loss of Rb Expression** *JOURNAL OF CUTANEOUS PATHOLOGY*
Crawl-Bey, A., Brown, R. A., Moore, J. B.
2025
 - **Metastatic Gastrointestinal Stromal Tumor to the Scalp: A Case Report Highlighting Diagnostic Challenges and Molecular Correlation** *JOURNAL OF CUTANEOUS PATHOLOGY*
Sanchez, A. C., Shiyabola, O. O., Qian, X., Yan, D., Sheahon, K. M., Wang, J. Y., Novoa, R. A., Rieger, K. E., Brown, R. A.
2025
 - **Site-discordant expression of myeloid cell nuclear differentiation antigen in blastic plasmacytoid dendritic cell neoplasm.** *American journal of clinical pathology*
Bulterys, P. L., Saleem, A., Brown, R. A., Novoa, R. A., Rieger, K. E., Natkunam, Y., Fernandez-Pol, S.
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 - **Histopathologic and Clinical Characterization of Brentuximab Vedotin-associated Rash.** *The American journal of surgical pathology*
Narala, S., Saleem, A., Brown, R. A., Novoa, R. A., Kim, Y. H., Rieger, K. E.
2024
 - **Assessment of Mammalian Target of Rapamycin Pathway Activation in Basal Cell Carcinoma as a New Therapeutic Approach.** *The American Journal of dermatopathology*
Chang, A. L., Brown, R., Li, S., Betancourt, N., Teng, J.
2024
 - **Characterizing Infection-Related IgA Vasculitis in the Skin**
Gedallovich, J., Kasimova, K., Lu, Z., Kung, V., Brown, R., Troxell, M.
ELSEVIER SCIENCE INC.2024: S524
 - **Multi-Omics Profiling of Skin Biopsies of Patients with Sclerodermatous Graft-vs-Host Disease Suggests Therapeutic Potential of Targeting Don't Eat Me Signals**
Wadsworth, P., De Souza, C., Cui, L., Yiu, C., Poyser, J., Rieger, K., Brown, R., Arai, S., Shizuru, J., Muller, A., Wernig, G.
ELSEVIER SCIENCE INC.2023: S1252-S1253
 - **Utility of Interleukin-36 Immunohistochemical Staining to Differentiate Guttate Psoriasis and Pityriasis Rosea**
Anderson, J., Wang, L., Brown, R.
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 - **Mimickers of Classical Urticaria: Cryopyrin-Associated Autoinflammatory Syndrome Presenting as Isolated Urticaria in an Infant.** *The journal of allergy and clinical immunology. In practice*
Solomon, B. D., Skaljic, M., Liu, L. Y., Yan, D., Sheahon, K. M., Broderick, L., Hoffman, H. M., Beres, S. J., Brown, R. A., Teng, J. M., Gernez, Y.
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 - **Purpuric eruption of the breasts, abdomen, thighs, and buttocks.** *JAAD case reports*
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- **Multi-Omics Profiling of Skin Biopsies of Patients with Sclerodermatous Graft-Vs-Host Disease Suggests Therapeutic Potential of Targeting Don't Eat Me Signals**
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- **Nontender white papule of the areola in a middle-aged female. *JAAD case reports***
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- **Injectable Nanoparticle-Based Hydrogels Enable the Safe and Effective Deployment of Immunostimulatory CD40 Agonist Antibodies. *Advanced science (Weinheim, Baden-Wuerttemberg, Germany)***
Correa, S., Meany, E. L., Gale, E. C., Klich, J. H., Saouaf, O. M., Mayer, A. T., Xiao, Z., Liong, C. S., Brown, R. A., Maikawa, C. L., Grosskopf, A. K., Mann, J. L., Idoyaga, et al
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- **Preferentially Expressed Antigen in Melanoma Immunohistochemistry Labeling in Uveal Melanomas *OCULAR ONCOLOGY AND PATHOLOGY***
Ahmadian, S. S., Dryden, I. J., Naranjo, A., Toland, A., Cayrol, R. A., Born, D. E., Egbert, P. S., Brown, R. A., Mruthyunjaya, P., Lin, J. H.
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- **Randomized controlled trial investigating use of submucosal injection of EverLift in rates of complete resection of non-pedunculated 4-9mm polyps. *International journal of colorectal disease***
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- **Randomized controlled Trial Investigating cold snare aNd forceps polypectomY among small POLYPs in rates of complete resection: the TINYPOLYP Trial. *The American journal of gastroenterology***
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- **Utility of Aberrant p53 Expression in the Differentiation of Atypical Fibroxanthoma From Atypical Fibrous Histiocytoma**
Toumi, G., Cloutier, J., Charville, G., Brown, R.
SPRINGER NATURE.2022: 362
- **Utility of Aberrant p53 Expression in the Differentiation of Atypical Fibroxanthoma From Atypical Fibrous Histiocytoma**
Toumi, G., Cloutier, J., Charville, G., Brown, R.
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- **Exploring Potential Innate Immune Targets to Treat Fibrosis and Chronic Inflammation in Chronic Graft-Versus-Host Disease**
Paulson, N., De Souza, C., Cui, L., Lerbs, T., Poyser, J., Kooshesh, M., Saleem, A., Rieger, K., Brown, R., Kwong, B., Fernandez-Po, S., Arai, S., Shizuru, et al
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- **Immunohistochemical and molecular updates in cutaneous soft tissue neoplasms. *Seminars in diagnostic pathology***
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2022
- **Spitz nevus with EHP1-ALK fusion and distinctive membranous localization of ALK. *Journal of cutaneous pathology***
Bahrani, E., Kunder, C. A., Teng, J. M., Brown, R. A., Rieger, K. E., Novoa, R. A., Cloutier, J. M.
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- **Primary cytotoxic T cell lymphomas harbor recurrent targetable alterations in the JAK-STAT pathway**

Lee, K., Evans, M. G., Yang, L., Ng, S., Snowden, C., Khodadoust, M., Brown, R. A., Trum, N., Querfeld, C., Doan, L. T., Song, J., Zhang, H., Wood, et al
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- **Comparison of PRAME antigen detection by Immunohistochemistry (IHC) and polymerase chain reaction (PCR) in Uveal Melanoma**
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- **Cutaneous desmoid-type fibromatosis: a rare case with molecular profiling.** *Journal of cutaneous pathology*
Aghighi, M., Cloutier, J. M., Hoover, W. D., Roy, K., Lo, A. A., Brown, R. A.
2021
- **Comparison of PRAME Immunohistochemistry (IHC) and PRAME RT-PCR in 14 Uveal Melanomas**
Ahmadian, S., Toland, A., Cayrol, R., Egbert, P., Born, D., Brown, R., Lin, J., Mruthyunjaya, P.
SPRINGER NATURE.2021: 1020
- **Molecular Profiling of Cutaneous C-Group Non-Langerhans Cell Histiocytoses**
Wieland, R., Bencomo, T., Lee, C., Brown, R.
SPRINGER NATURE.2021: 319
- **Cutaneous acral myofibroma with PDGFR-beta mutation in a patient with linear morphea - en coup de sabre.** *Journal of cutaneous pathology*
Pepper, M. A., Theparee, T., Messenger, E. A., Brown, R. A., Novoa, R. A.
2021
- **TTF-1 Expression in a Case of Cutaneous Sarcomatoid Squamous Cell Carcinoma.** *Journal of cutaneous pathology*
Nicholas, V., Say, B., Aasi, S., Rieger, K. E., Brown, R. A.
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- **High-resolution phenotyping of early acute rejection reveals a conserved alloimmune signature.** *Cell reports*
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- **Next generation sequencing confirms T-cell clonality in a subset of pediatric pityriasis lichenoides.** *Journal of cutaneous pathology*
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2021
- **Nodular fasciitis of the breast: clinicopathologic and molecular characterization with identification of novel USP6 fusion partners.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Cloutier, J. M., Kunder, C. A., Charville, G. W., Hosfield, E. M., Garcia, J. J., Brown, R. A., Troxell, M. L., Allison, K. H., Bean, G. R.
2021
- **Immunohistochemical ALK Expression in Granular Cell Atypical Fibroxanthoma: A Diagnostic Pitfall for ALK-Rearranged Non-neural Granular Cell Tumor.** *The American Journal of dermatopathology*
Brown, R. A., Cloutier, J. M., Bahrani, E. n., Liman, A. n., Tasso, D. n., Palmer, A. n., Manning, M. A., Galperin, I. n., Rieger, K. E., Novoa, R. A., Lau, H. n., Louie, C. Y.
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- **Jun Activation in Dermal Fibroblasts Promotes Fibrosis and Inflammation in Sclerodermatous Graft-vs-host Disease in Mice and Humans**

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- **Disseminated non-Langerhans cell histiocytosis with an IRF2BP2-NTRK1 gene fusion identified by next-generation sequencing.** *JAAD case reports*
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- **ALK-positive compound Spitz nevus with extensive perineural and intraneural neurotropism.** *Journal of cutaneous pathology*
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2020
- **Cutaneous T-cell lymphomas with pathogenic somatic mutations and absence of detectable clonal T-cell receptor gene rearrangement: two case reports.** *Diagnostic pathology*
Rojansky, R., Fernandez-Pol, S., Wang, E., Rieger, K. E., Novoa, R. A., Zehnder, J. L., Kunder, C. A., Kim, Y. H., Khodadoust, M. S., Brown, R. A.
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- **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.
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- **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*
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2020
- **Molecular profiling of a primary cutaneous signet-ring cell/histiocytoid carcinoma of the eyelid.** *Journal of cutaneous pathology*
Raghavan, S., Clark, M., Louie, C., Jensen, K. C., Dietrich, B., Beadle, B. M., El-Sawy, T., Baik, F., Kunder, C. A., Brown, R. A.
2020
- **Cutaneous Pleomorphic Fibromas Arising in Patients with Germline TP53 Mutations.** *Journal of cutaneous pathology*
Cloutier, J. M., Shalin, S. C., Lindberg, M., Gardner, J. M., Fernandez-Pol, S., Zaba, L., Novoa, R., Brown, R. A.
2020
- **Disseminated Tuberculosis Presenting as Medium-Vessel Vasculitis in an Immunocompromised Host.** *Journal of cutaneous pathology*
Wang, J. Y., Brown, R. A., Pugliese, S., Kwong, B. Y., 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
- **Impact of a deep learning assistant on the histopathologic classification of liver cancer.** *NPJ digital medicine*
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2020
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2020
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 - **Inflammatory alopecia in patients on dupilumab: a retrospective cohort study at an academic institution.** *Journal of the European Academy of Dermatology and Venereology : JEADV*
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 - **Orbital and chorioretinal manifestations of Erdheim-Chester disease treated with vemurafenib.** *American journal of ophthalmology case reports*
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