



Christina Bax, MD

Clinical Assistant Professor, Dermatology

CLINICAL OFFICE (PRIMARY)

- **Stanford Tri-Valley Livermore Dermatology**

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Bio

BIO

Dr. Christina Bax is a board-certified dermatologist with Stanford Health Care and a clinical assistant professor in the Department of Dermatology at Stanford University School of Medicine.

She diagnoses and treats a wide range of complex dermatologic conditions, with specialized expertise in autoimmune connective tissue diseases and blistering skin disorders. She collaborates with each patient to deliver comprehensive, personalized care.

Dr. Bax's research focuses on complex medical dermatology, specifically on autoimmune connective tissue diseases and bullous disorders. Bullous disorders are conditions that cause fluid-filled blisters to form on the skin or moist tissues, such as the lining of the mouth.

She has published her research in peer-reviewed medical journals, including The New England Journal of Medicine, Proceedings of the National Academy of Sciences, Journal of the American Academy of Dermatology, and British Journal of Dermatology. She has also presented her work extensively at international, national, and regional conferences.

Dr. Bax is a member of the American Academy of Dermatology (AAD), the Medical Dermatology Society (MDS), and the Rheumatologic Dermatology Society (RDS).

CLINICAL FOCUS

- Autoimmune skin disorders
- Blistering skin disorders
- Dermatology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Dermatology

HONORS AND AWARDS

- Travel Grant, International Society for Investigative Dermatology
- TL1 Clinical and Translational Science Training Grant, National Institutes of Health/University of Pennsylvania
- Pulmonology Research Prize, Perelman School of Medicine at the University of Pennsylvania
- Penn Medicine-Business HealthX Summer Award, University of Pennsylvania
- Mentorship Award, Women's Dermatologic Society
- Gold Student Summer Fellowship, Arnold P. Gold Foundation
- Diversity in Medical Education Mini Grant, Stanford University
- Chief Resident, Department of Dermatology, Stanford University
- Alpha Omega Alpha Honor Medical Society, Perelman School of Medicine at the University of Pennsylvania

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, RDS (2019 - present)
- Member, MDS (2019 - present)
- Member, AAD (2019 - present)

PROFESSIONAL EDUCATION

- Board Certification: Dermatology, American Board of Dermatology (2025)
- Residency: Stanford University Dept of Dermatology (2025) CA
- Internship: Pennsylvania Hospital (2022) PA
- Medical Education: Perelman School of Medicine University of Pennsylvania (2021) PA

Publications

PUBLICATIONS

- **Novel therapeutic targets in dermatomyositis.** *The Journal of dermatology*
Bax, C., Aghdasi, C., Fiorentino, D.
2024
- **Herbal supplement Spirulina stimulates inflammatory cytokine production in patients with dermatomyositis in vitro.** *iScience*
Bax, C. E., Diaz, D., Li, Y., Vazquez, T., Patel, J., Grinnell, M., Ravishankar, A., Maddukuri, S., Keyes, E., Yan, D., Bashir, M., Werth, V. P.
2023; 26 (11): 108355
- **Frequency of immunostimulatory herbal supplement use among patients with autoimmune skin disease.** *Journal of the American Academy of Dermatology*
Ravishankar, A., Bax, C. E., Grinnell, M., Yan, D., Concha, J. S., Pappas-Taffer, L., Shields, B. E., Dany, M., Clark, A. K., Feng, R., Okawa, J., Werth, V. P.
2022; 87 (5): 1093-1095
- **A prospective cohort study comparing the performance of interferon gamma release assays in autoimmune skin diseases.** *Journal of the American Academy of Dermatology*
Yan, D., Gaffney, R., Krain, R., Keyes, E., Concha, J. S., Feng, R., Schulz, S., Pappas-Taffer, L., Borucki, R., Ravishankar, A., Bax, C., Okawa, J., Werth, et al
2022; 86 (4): 948-949
- **Temporal Outcomes after Rituximab Therapy for Pemphigus Vulgaris.** *The Journal of investigative dermatology*
Tovanabutra, N., Bax, C. E., Feng, R., Kushner, C. J., Payne, A. S.
2022; 142 (4): 1058-1064.e7

- **Cannabinoid type 2 receptor (CB2R) distribution in dermatomyositis skin and peripheral blood mononuclear cells (PBMCs) and in vivo effects of LenabasumTM.** *Arthritis research & therapy*
Maddukuri, S., Patel, J., Diaz, D. A., Chen, K. L., Wysocka, M., Bax, C., Li, Y., Ravishankar, A., Grinnell, M., Zeidi, M., Reddy, N., Concha, J. S., Bashir, et al
2022; 24 (1): 12
- **A case of disseminated Lyme disease in a child with skin of color.** *Pediatric dermatology*
Bax, C. E., Clark, A. K., Oboite, M., Treat, J. R.
2021; 38 Suppl 2: 140-141
- **Highly Multiplexed Mass Cytometry Identifies the Immunophenotype in the Skin of Dermatomyositis.** *The Journal of investigative dermatology*
Patel, J., Maddukuri, S., Li, Y., Bax, C., Werth, V. P.
2021; 141 (9): 2151-2160
- **Plasma-derived DNA containing-extracellular vesicles induce STING-mediated proinflammatory responses in dermatomyositis.** *Theranostics*
Li, Y., Bax, C., Patel, J., Vazquez, T., Ravishankar, A., Bashir, M. M., Grinnell, M., Diaz, D., Werth, V. P.
2021; 11 (15): 7144-7158
- **Establishing cut-off values for mild, moderate and severe disease in patients with pemphigus using the Pemphigus Disease Area Index.** *The British journal of dermatology*
Krain, R. L., Bax, C. E., Chakka, S., Ahmed, S., Feng, R., Payne, A. S., Werth, V. P.
2021; 184 (5): 975-977
- **Response of dermatomyositis to the antimalarial quinacrine: A retrospective cohort study.** *Journal of the American Academy of Dermatology*
Ravishankar, A., Yan, D., Bax, C. E., Concha, J. S., Feng, R., Werth, V. P.
2021; 84 (4): 1157-1160
- **Wong-Type Dermatomyositis in an African American Patient.** *Arthritis & rheumatology (Hoboken, N.J.)*
Bax, C. E., Grinnell, M., Concha, J. S., Werth, V. P.
2021; 73 (4): 630
- **The effects of immunostimulatory herbal supplements on autoimmune skin diseases.** *Journal of the American Academy of Dermatology*
Bax, C. E., Chakka, S., Concha, J. S., Zeidi, M., Werth, V. P.
2021; 84 (4): 1051-1058
- **Identifying the required degree of disease clearance to improve quality of life in pemphigus vulgaris.** *The British journal of dermatology*
Bax, C. E., Ravishankar, A., Yan, D., Concha, J., Kushner, C. J., Zamalin, D., Feng, R., Payne, A. S., Werth, V. P.
2021; 184 (3): 573-575
- **New-onset head and neck dermatitis in adolescent patients after dupilumab therapy for atopic dermatitis.** *Pediatric dermatology*
Bax, C. E., Khurana, M. C., Treat, J. R., Castelo-Soccio, L., Rubin, A. I., McMahon, P. J.
2021; 38 (2): 390-394
- **Environmental triggers of dermatomyositis: a narrative review.** *Annals of translational medicine*
Bax, C. E., Maddukuri, S., Ravishankar, A., Pappas-Taffer, L., Werth, V. P.
2021; 9 (5): 434
- **Accuracy of commercial panels to evaluate myositis autoantibodies: A single-institution perspective.** *Journal of the American Academy of Dermatology*
Ravishankar, A., Concha, J. S., Yan, D., Bax, C. E., Yeguez, A. C., Casciola-Rosen, L., Werth, V. P.
2021; 84 (2): 572-574
- **An evidence review of face masks against COVID-19.** *Proceedings of the National Academy of Sciences of the United States of America*
Howard, J., Huang, A., Li, Z., Tufekci, Z., Zdimas, V., van der Westhuizen, H., von Delft, A., Price, A., Fridman, L., Tang, L., Tang, V., Watson, G. L., Bax, et al
2021; 118 (4)
- **Children of the Sun: a historical look at how pediatric light therapy shaped attitudes and behaviors toward sunbathing.** *International journal of dermatology*

Bax, C. E., James, W. D.
2020; 59 (11): 1401-1408

- **The airborne lifetime of small speech droplets and their potential importance in SARS-CoV-2 transmission.** *Proceedings of the National Academy of Sciences of the United States of America*
Stadnytskyi, V., Bax, C. E., Bax, A., Anfinrud, P.
2020; 117 (22): 11875-11877
- **Visualizing Speech-Generated Oral Fluid Droplets with Laser Light Scattering.** *The New England journal of medicine*
Anfinrud, P., Stadnytskyi, V., Bax, C. E., Bax, A.
2020; 382 (21): 2061-2063
- **Prenatally diagnosed omphalocele: characteristics associated with adverse neonatal outcomes.** *Journal of perinatology : official journal of the California Perinatal Association*
Chock, V. Y., Davis, A. S., Cho, S., Bax, C., Fluharty, E., Weigel, N., Homeyer, M., Hudgins, L., Jones, R., Rubesova, E., Sylvester, K. G., Blumenfeld, Y. J., Hintz, et al
2019
- **ENTREPRENEUR BROWNIE WISE <i>Selling Tupperware to America</i>'<i>s</i> <i>Women in the 1950s</i>** *JOURNAL OF WOMENS HISTORY*
Bax, C. E.
2010; 22 (2): 171-180