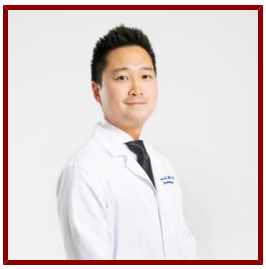
Stanford



Jinwoo Lee, MD, PhD, FAAD

Instructor, Dermatology

CLINICAL OFFICE (PRIMARY)

- **Dermatology**

  450 Broadway St

  Pavilion B 4th Fl MC 5338

  Redwood City, CA 94063

  Tel (650) 723-6316 **Fax** (650) 725-7711

Bio

BIO

Dr. Jinwoo Lee is a physician-scientist and board-certified dermatologist on the clinical faculty in the School of Medicine. He received his B.S. in biology from Caltech and his M.D./Ph.D. from the UCSF Medical Scientist Training Program. Dr. Lee completed his residency in dermatology at Stanford, where he joined the Investigative Training Track to conduct basic science research in autoimmunity and inflammation. Dr. Lee's scientific research focuses on identifying the mechanisms underlying the onset and progression of autoimmune diseases. His clinical interests include medical management of complex dermatologic conditions, autoimmune skin diseases, as well as general dermatology.

Dr. Lee is currently only seeing patients on Monday afternoons at the Stanford Medicine Outpatient Center in Redwood City.

CLINICAL FOCUS

- Dermatology
- Autoimmune Diseases
- Scleroderma
- Lupus
- Dermatomyositis
- Pemphigus
- Bullous Pemphigoid
- Atopic Dermatitis
- Prurigo Nodularis
- Urticaria
- Psoriasis

ACADEMIC APPOINTMENTS

- Instructor, Dermatology

HONORS AND AWARDS

- Certificate of Excellence in Recognition of Outstanding Contributions to Research on Sex Differences, NIH Office of Research on Women's Health (2026)
- Young Investigator Award, American Academy of Dermatology (2026)
- Investigative Scientist Award, American Skin Association (2025-2026)
- Physician Scientist Career Development Award, Dermatology Foundation (2025-2027)
- Dermatologist Investigator Research Fellowship, Dermatology Foundation (2024-2025)
- Alpha Omega Alpha, National Medical Honor Society (2020)
- Ruth L. Kirschstein National Research Service Award (NRSA) Individual MD/PhD Fellowship (F30), NIH National Institute of Allergy and Infectious Diseases (2016-2019)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Society for Investigative Dermatology (2018 - present)
- Member, American Academy of Dermatology (2021 - present)

PROFESSIONAL EDUCATION

- Board Certification: Dermatology, American Board of Dermatology (2024)
- Residency, Stanford University Dermatology , CA
- Internship, Santa Clara Valley Medical Center Dept of Medicine , CA
- Medical Education: University of California at San Francisco School of Medicine (2020) CA
- M.D./Ph.D., University of California, San Francisco , M.D. (2020), Ph.D. in Immunology (2018)
- Research Fellow, National Institute of Allergy and Infectious Diseases , NIH (2011)
- Bachelor of Science, California Institute of Technology , Biology (2009)

Publications

PUBLICATIONS

- **XIST RNA-protein complex in female-biased autoimmunity: From molecular scaffolds to new clinical biomarkers.** *The Journal of investigative dermatology*
  Lee, J., Chang, H. Y.
  2026
- **RNA origin of sex-biased immunity.** *Molecular therapy. Nucleic acids*
  Chang, H. Y., Chung, L., Davis, M. M., Fiorentino, D., Lee, J., Lundberg, E., Utz, P. J.
  2026; 37 (1): 102853
- **RNA origin of sex-biased immunity** *MOLECULAR THERAPY NUCLEIC ACIDS*
  Chang, H. Y., Chung, L., Davis, M. M., Fiorentino, D., Lee, J., Lundberg, E., Utz, P. J.
  2026; 37 (1)
- **Autoantibody hotspots reveal the origin and impact of immunogenic XIST ribonucleoprotein complexes in autoimmune diseases.** *The Journal of clinical investigation*
  Yan, B., Lee, J., Srinivasan, S., Ambriz, P., Shi, Q., Dou, D. R., Davuluri, S., Nandyala, S., Woods, A., Leatherman, G., Zhao, Y., Reggiardo, R. E., Sawant, et al
  2026
- **Advancing Precision Medicine in Inflammatory Skin Disease.** *American journal of clinical dermatology*
  Yuan, M., Lee, J., Taylor, M., Cho, R. J., Cheng, J. B.
  2025

- **Induced B Cell Receptor Diversity Predicts PD-1 Blockade Immunotherapy Response** *PNAS*
  Che, Y., Lee, J., Abou-Taleb, F., Rieger, K. E., Satpathy, A. T., Chang, A. S., Chang, H. Y.
  2025: e2501269122

- **Induced B cell receptor diversity predicts PD-1 blockade immunotherapy response.** *Proceedings of the National Academy of Sciences of the United States of America*
  Che, Y., Lee, J., Abou-Taleb, F., Rieger, K. E., Satpathy, A. T., Chang, A. L., Chang, H. Y.
  2025; 122 (18): e2501269122

- **Autoantibody hotspots reveal origin and impact of immunogenic XIST ribonucleoprotein complex.** *bioRxiv : the preprint server for biology*
  Yan, B., Lee, J., Srinivasan, S., Shi, Q., Dou, D. R., Davuluri, S., Nandyala, S., Woods, A., Leatherman, G., Zhao, Y., Reggiardo, R. E., Sawant, M., Thiam, et al
  2025

- **Induced B-Cell Receptor Diversity Predicts PD-1 Blockade Immunotherapy Response.** *bioRxiv : the preprint server for biology*
  Che, Y., Lee, J., Abou-Taleb, F., Rieger, K. E., Satpathy, A. T., Chang, A. L., Chang, H. Y.
  2024

- **Immunotherapy for Keratinocyte Cancers. Part 1: Immune-Related Epidemiology, Risk Factors, Pathogenesis, and Immunotherapy Management of Keratinocytic Cancers** *Journal of the American Academy of Dermatology*
  Neuner, R., Lee, J., Park, C., Rieger, K. E., Colevas, A. D., Chang, A. S.
  2023; 88 (6): 1225-1240

- **Innate type 2 immunity controls hair follicle commensalism by Demodex mites.** *Immunity*
  Ricardo-Gonzalez, R. R., Kotas, M. E., O'Leary, C. E., Singh, K., Damsky, W., Liao, C., Arouge, E., Tenvooren, I., Marquez, D. M., Schroeder, A. W., Cohen, J. N., Fassett, M. S., Lee, et al
  2022; 55 (10): 1891-1908.e12

- **Acute Generalized Exanthematous Pustulosis** *JAMA DERMATOLOGY*
  Lee, J., Endicott, A., Shinkai, K.
  2021; 157 (5): 589

- **Test performance evaluation of SARS-CoV-2 serological assays.** *medRxiv : the preprint server for health sciences*
  Whitman, J. D., Hiatt, J., Mowery, C. T., Shy, B. R., Yu, R., Yamamoto, T. N., Rathore, U., Goldgof, G. M., Whitty, C., Woo, J. M., Gallman, A. E., Miller, T. E., Levine, et al
  2020

- **Tissue-specific pathways extrude activated ILC2s to disseminate type 2 immunity** *JOURNAL OF EXPERIMENTAL MEDICINE*
  Ricardo-Gonzalez, R. R., Schneider, C., Liao, C., Lee, J., Liang, H., Locksley, R. M.
  2020; 217 (4)

- **Evaluation of SARS-CoV-2 serology assays reveals a range of test performance.** *Nature biotechnology*
  Whitman, J. D., Hiatt, J. n., Mowery, C. T., Shy, B. R., Yu, R. n., Yamamoto, T. N., Rathore, U. n., Goldgof, G. M., Whitty, C. n., Woo, J. M., Gallman, A. E., Miller, T. E., Levine, et al
  2020

- **Type 2 Immunity Influences Hair Follicle Stem Cell Proliferation and Skin Homeostasis**
  Ricardo, R., Van Dyken, S., Lee, J., Locksley, R. M.
  ELSEVIER SCIENCE INC.2019: S288

- **Tissue-Resident Group 2 Innate Lymphoid Cells Differentiate by Layered Ontogeny and In Situ Perinatal Priming** *IMMUNITY*
  Schneider, C., Lee, J., Koga, S., Ricardo-Gonzalez, R. R., Nussbaum, J. C., Smith, L. K., Villeda, S. A., Liang, H., Locksley, R. M.
  2019; 50 (6): 1425-+

- **Tissue signals imprint ILC2 identity with anticipatory function** *NATURE IMMUNOLOGY*
  Ricardo-Gonzalez, R. R., Van Dyken, S. J., Schneider, C., Lee, J., Nussbaum, J. C., Liang, H., Vaka, D., Eckalbar, W. L., Molofsky, A. B., Erle, D. J., Locksley, R. M.
  2018; 19 (10): 1093-+

- **Pulmonary neuroendocrine cells amplify allergic asthma responses** *SCIENCE*
  Sui, P., Wiesner, D. L., Xu, J., Zhang, Y., Lee, J., Van Dyken, S., Lashua, A., Yu, C., Klein, B. S., Locksley, R. M., Deutsch, G., Sun, X.

2018; 360 (6393): 1086-+

- **Recruited Monocytes and Type 2 Immunity Promote Lung Regeneration following Pneumonectomy** *CELL STEM CELL*
  Lechner, A. J., Driver, I. H., Lee, J., Conroy, C. M., Nagle, A., Locksley, R. M., Rock, J. R.
  2017; 21 (1): 120-+

- **A tissue checkpoint regulates type 2 immunity.** *Nature immunology*
  Van Dyken, S. J., Nussbaum, J. C., Lee, J., Molofsky, A. B., Liang, H., Pollack, J. L., Gate, R. E., Haliburton, G. E., Ye, C. J., Marson, A., Erle, D. J., Locksley, R. M.
  2016

- **Interleukin-33 and Interferon-gamma Counter-Regulate Group 2 Innate Lymphoid Cell Activation during Immune Perturbation** *IMMUNITY*
  Molofsky, A. B., Van Gool, F., Liang, H., Van Dyken, S. J., Nussbaum, J. C., Lee, J., Bluestone, J. A., Locksley, R. M.
  2015; 43 (1): 161-174

- **The kinase LRRK2 is a regulator of the transcription factor NFAT that modulates the severity of inflammatory bowel disease** *NATURE IMMUNOLOGY*
  Liu, Z., Lee, J., Krummey, S., Lu, W., Cai, H., Lenardo, M. J.
  2011; 12 (11): 1063-U65