



Stefano Testa, MD

Instructor, Medicine - Oncology

CLINICAL OFFICE (PRIMARY)

- **Cutaneous Oncology Clinic**

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Bio

BIO

Dr. Stefano Testa is a board-certified, fellowship-trained medical oncologist with Stanford Health Care. He is also a clinical instructor in the Department of Medicine, Division of Oncology at Stanford University School of Medicine.

Dr. Testa specializes in treating patients with sarcomas and other solid tumors using cellular therapy approaches. He has expertise in adoptive T-cell therapies, including chimeric antigen receptor T-cell (CAR-T) and T-cell receptor (TCR) therapies.

As a physician-scientist, Dr. Testa focuses on developing next-generation cellular therapies for solid tumors, particularly sarcomas. His research goal is to identify targets for adoptive T-cell therapies in solid tumors, including soft tissue and bone sarcomas, and on novel synthetic biology approaches to enhance the effectiveness of T-cell therapies against solid tumors.

Dr. Testa has authored numerous peer-reviewed publications in leading medical journals, including Immunity, Cancer Discovery, JAMA Network Open, Genome Medicine, and Biomacromolecules. He has presented his research at national and international scientific meetings, including the Connective Tissue Oncology Society Annual Meeting and the Society for Immunotherapy of Cancer Annual Meeting.

Dr. Testa is a member of the American Society of Clinical Oncology (ASCO), Connective Tissue Oncology Society (CTOS), the American Society of Hematology (ASH), and the Society for Immunotherapy of Cancer (SITC).

CLINICAL FOCUS

- Oncology

ACADEMIC APPOINTMENTS

- Instructor, Medicine - Oncology

HONORS AND AWARDS

- Post-Doctoral Research Fellowship, American-Italian Cancer Foundation
- Young Investigator Award, American Society of Clinical Oncology (ASCO) (2026)
- The Alexander Bodini Foundation Fellow, American-Italian Cancer Foundation Post-Doctoral Research Fellowship (2019-2020)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, SITC (2023 - present)
- Member, CTOS (2023 - present)
- Member, ASH (2023 - present)
- Member, ASCO (2023 - present)

PROFESSIONAL EDUCATION

- Board Certification: Internal Medicine, American Board of Internal Medicine (2023)
- Fellowship: Beth Israel Deaconess Medical Center Hematology and Oncology Fellowship (2026) MA
- Residency: Stanford University Internal Medicine Residency (2023) CA
- Medical Education, University of Naples "Federico II" School of Medicine and Surgery - Italy , Medicine (2018)

PATENTS

- Timothy Blake, Ronald Levy, Robert Waymouth, Paul Wender, Stefano Testa, Trevor Del Castillo, Ole Haabeth. "United States Patent 18867482 Small molecule conjugated charge-altering releasable transporters for nucleic acid delivery", Leland Stanford Junior University, Sep 12, 0186

Publications

PUBLICATIONS

- **A Multi-center Retrospective Outcomes Analysis of Patients with Localized Synovial Sarcoma.** *Cancer research communications*
Testa, S., Zhou, M. Y., Schulte, B. C., Wang, V. E., Kenny, K., Peng, A., Lohman, M., Desai, A. M., Bockorny, B., Baghian, A., Schmidt, D. R., Bui, N. Q., Pan, et al
2026
- **Neoadjuvant BO-112 and hypofractionated radiation therapy with or without nivolumab in soft tissue sarcoma: preclinical and phase 1 results.** *Cancer discovery*
Deng, J., Pal, A., Testa, S., Xu, J. W., Tran, L. M., Graham, D. S., Hargil, A., Subramanian, A., Campbell, K. M., Limsuwanarot, S., Chumpitaz Lavallo, A., Chin, S. C., Kremer, et al
2026
- **IL-9 as a naturally orthogonal cytokine with optimal JAK/STAT signaling for engineered T cell therapy.** *Immunity*
Jiang, H., Limsuwanarot, S., Kulhanek, K. R., Pal, A., Labiad, O., Rysavy, L. W., Wong, A., Su, L., Cavender, S., Soro, J., Testa, S., Ogana, H., Waghay, et al
2025
- **SCAN-ACT: adoptive T cell therapy target discovery through single-cell transcriptomics.** *Genome medicine*
Testa, S., Pal, A., Subramanian, A., Varma, S., Tang, J. P., Graham, D., Arfan, S., Pan, M., Bui, N. Q., Ganjoo, K. N., Dry, S., Huang, P., van de Rijn, et al
2025; 17 (1): 89
- **Medical digital twins: enabling precision medicine and medical artificial intelligence.** *The Lancet. Digital health*
Sadée, C., Testa, S., Barba, T., Hartmann, K., Schuessler, M., Thieme, A., Church, G. M., Okoye, I., Hernandez-Boussard, T., Hood, L., Shmulevich, I., Kuhl, E., Gevaert, et al
2025: 100864
- **A multi-center retrospective outcomes analysis of patients with localized synovial sarcoma.**
Testa, S., Zhou, M., Schulte, B., Wang, V., Kenny, K., Peng, A., Desai, A. M., Bockorny, B., Baghian, A., Schmidt, D. R., Okimoto, R., Bui, N., Pan, et al

LIPPINCOTT WILLIAMS & WILKINS.2025: e23555

- **IL-9 as a naturally orthogonal cytokine with optimal JAK/STAT signaling for engineered T cell therapy.** *bioRxiv : the preprint server for biology*
Jiang, H., Limsuwannarot, S., Kulhanek, K. R., Pal, A., Rysavy, L. W., Su, L., Labiad, O., Testa, S., Ogana, H., Waghray, D., Tao, P., Jude, K. M., Seet, et al
2025
- **Surgery and stereotactic radiosurgery for spinal leiomyosarcoma: a single-institution retrospective series and systematic review.** *Journal of neurosurgery. Spine*
Zamarud, A., Marianayagam, N. J., Sekar, V., Testa, S., Park, D. J., Yener, U., McCleary, T. L., Yoo, K. H., Emrich, S., Tayag, A., Ustrzynski, L., Pollom, E., Soltys, et al
2023: 1-13
- **Use of Voice-Based Conversational Artificial Intelligence for Basal Insulin Prescription Management Among Patients With Type 2 Diabetes: A Randomized Clinical Trial.** *JAMA network open*
Nayak, A., Vakili, S., Nayak, K., Nikolov, M., Chiu, M., Sosseinheimer, P., Talamantes, S., Testa, S., Palanisamy, S., Giri, V., Schulman, K.
2023; 6 (12): e2340232
- **Response to trastuzumab deruxtecan in a patient with HER2-low metastatic breast cancer previously treated with sacituzumab govitecan** *CURRENT PROBLEMS IN CANCER: CASE REPORTS*
Testa, S., Dickerson, J. C., Telli, M.
2023; 11
- **Milky Way: Management of Primary Intestinal Lymphangiectasia.** *Digestive diseases and sciences*
Norman, J. S., Testa, S., Wang, C. X., Savage, T.
2023
- **Milky Way: Management of Primary Intestinal Lymphangiectasia** *Digestive Diseases and Sciences*
Norman, J. S., Testa, S., Wang, C., Savage, T.
2023
- **Systemic Treatments and Molecular Biomarkers for Perivascular Epithelioid Cell Tumors: A Single-institution Retrospective Analysis.** *Cancer research communications*
Testa, S., Bui, N. Q., Ganjoo, K. N.
2023; 3 (7): 1212-1223
- **Prevalence, mutational spectrum and clinical implications of clonal hematopoiesis of indeterminate potential in plasma cell dyscrasias.** *Seminars in oncology*
Testa, S., Kumar, J., Goodell, A. J., Zehnder, J. L., Alexander, K. M., Sidana, S., Arai, S., Witteles, R. M., Liedtke, M.
2022
- **Management of Patients with Newly Diagnosed Desmoid Tumors in a First-Line Setting.** *Cancers*
Testa, S., Bui, N. Q., Charville, G. W., Avedian, R. S., Steffner, R., Ghanouni, P., Mohler, D. G., Ganjoo, K. N.
2022; 14 (16)
- **Fingolimod-Conjugated Charge-Altering Releasable Transporters Efficiently and Specifically Deliver mRNA to Lymphocytes In Vivo and In Vitro.** *Biomacromolecules*
Testa, S., Haabeth, O. A., Blake, T. R., Del Castillo, T. J., Czerwinski, D. K., Rajapaksa, R., Wender, P. A., Waymouth, R. M., Levy, R.
2022
- **Training Internal Medicine Residents in Difficult Diagnosis: A Novel Diagnostic Second Opinion Clinic Experience.** *Journal of medical education and curricular development*
Testa, S., Joshi, M., Lotfi, J., Lin, B., Artandi, M., Chiang, K. F., Chang, K., Singh, B., Geng, L. N.
2022; 9: 23821205221091036
- **Efficacy and Safety of Trans-Arterial Yttrium-90 Radioembolization in Patients with Unresectable Liver-Dominant Metastatic or Primary Hepatic Soft Tissue Sarcomas.** *Cancers*
Testa, S., Bui, N. Q., Wang, D. S., Louie, J. D., Sze, D. Y., Ganjoo, K. N.
2022; 14 (2)
- **Uterine Leiomyosarcoma with FN1-Anaplastic Lymphoma Kinase Fusion Responsive to Alectinib and Lorlatinib.** *Case reports in oncology*
Testa, S., Million, L., Longacre, T., Bui, N.

2021; 14 (2): 812-819

- **Serial FNA allows direct sampling of malignant and infiltrating immune cells in patients with B-cell lymphoma receiving immunotherapy.** *Cancer cytopathology*

Mooney, K. L., Czerwinski, D. K., Shree, T., Frank, M. J., Haebe, S., Martin, B. A., Testa, S., Levy, R., Long, S. R.
2021

- **A Retrospective Comparative Analysis of Outcomes and Prognostic Factors in Adult and Pediatric Patients with Osteosarcoma.** *Current oncology (Toronto, Ont.)*

Testa, S., Hu, B. D., Saadeh, N. L., Pribnow, A., Spunt, S. L., Charville, G. W., Bui, N. Q., Ganjoo, K. N.
2021; 28 (6): 5304-5317