Stanford



David Steiner

Adjunct Clinical Assistant Professor, Pathology

CLINICAL OFFICE (PRIMARY)

- **Stanford Clinical Laboratory**

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Bio

CLINICAL FOCUS

- Molecular pathology
- Anatomic and Clinical Pathology

PROFESSIONAL EDUCATION

- Board Certification: Molecular Genetic Pathology, American Board of Pathology (2018)
- Fellowship: Stanford University Molecular Genetic Pathology Fellowship (2018) CA
- Board Certification: Clinical Pathology, American Board of Pathology (2018)
- Residency: Stanford University Pathology Residency (2018) CA
- Medical Education: University of California at San Francisco School of Medicine (2014) CA

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Mechanistic and translational studies to better understand the functional and clinical implications of somatic mutations in aging and cancer.

Publications

PUBLICATIONS

- **Chest Radiograph Interpretation with Deep Learning Models: Assessment with Radiologist-adjudicated Reference Standards and Population-adjusted Evaluation.** *Radiology*

  Majkowska, A., Mittal, S., Steiner, D. F., Reicher, J. J., McKinney, S. M., Duggan, G. E., Eswaran, K., Cameron Chen, P., Liu, Y., Kalidindi, S. R., Ding, A., Corrado, G. S., Tse, et al

  2019: 191293

- **Coexistence of BRAF V600E and TERT Promoter Mutations in Low-grade Serous Carcinoma of Ovary Recurring as Carcinosarcoma in a Lymph Node: Report of a Case** *INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLOGY*

  Tavallaee, M., Steiner, D. F., Zehnder, J. L., Folkins, A. K., Karam, A. K.

  2019; 38 (4): 386–92

- **Determining cell type abundance and expression from bulk tissues with digital cytometry** *NATURE BIOTECHNOLOGY*
  Newman, A. M., Steen, C. B., Liu, C., Gentles, A. J., Chaudhuri, A. A., Scherer, F., Khodadoust, M. S., Esfahani, M. S., Luca, B. A., Steiner, D., Diehn, M., Alizadeh, A. A.
  2019; 37 (7): 773-+

- **Complete and Prolonged Response to Immune Checkpoint Blockade in POLE-Mutated Colorectal Cancer** *JCO PRECISION ONCOLOGY*
  Silberman, R., Steiner, D. F., Lo, A. A., Gomez, A., Zehnder, J. L., Chu, G., Suarez, C. J.
  2019; 3: 1–5

- **Determining cell type abundance and expression from bulk tissues with digital cytometry.** *Nature biotechnology*
  Newman, A. M., Steen, C. B., Liu, C. L., Gentles, A. J., Chaudhuri, A. A., Scherer, F. n., Khodadoust, M. S., Esfahani, M. S., Luca, B. A., Steiner, D. n., Diehn, M. n., Alizadeh, A. A.
  2019

- **Pharma-Oncogenomics in theEra of Personal Genomics: A Quick Guide to Online Resources and Tools.** *Advances in experimental medicine and biology*
  Joshi, R. P., Steiner, D. F., Konnick, E. Q., Suarez, C. J.
  2019; 1168: 103–15

- **Morphologic, Immunophenotypic and Molecular Features of Hypermutation in Colorectal Carcinomas with Mutations in DNA Polymerase Ε (POLE).** *Histopathology*
  Forgó, E. n., Gomez, A. J., Steiner, D. n., Zehnder, J. n., Longacre, T. A.
  2019

- **GENOMIC LANDSCAPE OF NON-DRIVER MUTATIONS IN MYELOPROLIFERATIVE NEOPLASMS: THE STANFORD EXPERIENCE**
  Robert, H., Steiner, D., Zehnder, J.
  WILEY.2018: 122

- **Coexistence of BRAF V600E and TERT Promoter Mutations in Low-grade Serous Carcinoma of Ovary Recurring as Carcinosarcoma in a Lymph Node: Report of a Case.** *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists*
  Tavallaee, M., Steiner, D. F., Zehnder, J. L., Folkins, A. K., Karam, A. K.
  2018

- **Validation and Application of Predicted Tumor Mutational Burden (pTMB) Using a 130-Gene Sequencing Panel in Lung Adenocarcinoma**
  Yang, S., Steiner, D., Stehr, H., Berry, G., Zehnder, J. L., Kunder, C.
  NATURE PUBLISHING GROUP.2018: 758–59

- **Molecular Characterization of Aggressive Estrogen Receptor Positive Breast Cancer Resistant to Palbociclib Therapy**
  Lei, L., Lin, C., Steiner, D., Ford, J. M., Zehnder, J. L., Suarez, C. J.
  NATURE PUBLISHING GROUP.2018: 703

- **Antigen presentation profiling reveals recognition of lymphoma immunoglobulin neoantigens** *NATURE*
  Khodadoust, M. S., Olsson, N., Wagar, L. E., Haabeth, O. A., Chen, B., Swaminathan, K., Rawson, K., Liu, C. L., Steiner, D., Lund, P., Rao, S., Zhang, L., Marceau, et al
  2017; 543 (7647): 723-?

- **Detection of Mutations in DNA Polymerase epsilon (POLE) in Colorectal Carcinoma with Intact Mismatch Repair Proteins: Immunotherapeutic Implications of Ultramutation**
  Gomez, A. J., Burton, A., Steiner, D., Zehnder, J., Longacre, T.
  NATURE PUBLISHING GROUP.2017: 173A

- **Closing the Brief Case: Confirmed Positive HIV-1 Serological Screening but Undetectable RNA Virus Load in a Pregnant Woman.** *Journal of clinical microbiology*
  Joshi, R. P., Gomez, C. A., Steiner, D. n., Aziz, N. n., Pinsky, B. A.
  2017; 55 (12): 3566–67

- **The Brief Case: Confirmed Positive HIV-1 Serologic Screening but Undetectable RNA Virus Load in a Pregnant Woman.** *Journal of clinical microbiology*
  Joshi, R. P., Gomez, C. A., Steiner, D. n., Aziz, N. n., Pinsky, B. A.
  2017; 55 (12): 3316–20

- **Antigen Presentation Profiling Reveals T-Cell Recognition of Lymphoma Immunoglobulin Neoantigens**
  Khodadoust, M., Olsson, N., Wagar, L., Chen, B., Rawson, K., Liu, C., Steiner, D., Rao, S., Zhang, L., Stehr, H., Newman, A. M., Czerwinski, D. K., Carlton, et al
  AMER SOC HEMATOLOGY.2016

- **MicroRNA-29 Regulates T-Box Transcription Factors and Interferon-gamma Production in Helper T Cells** *IMMUNITY*
  Steiner, D. F., Thomas, M. F., Hu, J. K., Yang, Z., Babiarz, J. E., Allen, C. D., Matloubian, M., Blelloch, R., Ansel, K. M.
  2011; 35 (2): 169-181

- **High-throughput Sequencing of Subcutaneous Panniculitis-like T-Cell Lymphoma Reveals Candidate Pathogenic Mutations.** *Applied immunohistochemistry & molecular morphology : AIMM*
  Fernandez-Pol, S. n., Costa, H. A., Steiner, D. F., Ma, L. n., Merker, J. D., Kim, Y. H., Arber, D. A., Kim, J. n.
  ; 27 (10): 740–48