

Stanford



Jason Kurzer

Clinical Associate Professor, Pathology

CLINICAL OFFICE (PRIMARY)

- **Department of Pathology**

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Bio

CLINICAL FOCUS

- Hematopathology
- Clinical hematology laboratory management
- Clinical Pathology
- Anatomic and Clinical Pathology

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pathology

ADMINISTRATIVE APPOINTMENTS

- Laboratory Director, Stanford Health Care, Emeryville, (2016- present)
- Section Director, Clinical Hematology Laboratory, Stanford, (2016- present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Hematopathology Fellowship (2010) CA
- Board Certification: Hematopathology, American Osteopathic Board of Pathology (2022)
- Residency: Stanford University Pathology Residency (2016) CA
- Medical Education: University of Michigan School of Medicine (2007) MI
- Residency: Stanford University Pathology Residency (2011) CA
- Board Certification: Clinical Pathology, American Board of Pathology (2016)
- American Board of Pathology, Clinical Pathology (2016)
- Residency, Stanford Health Care , Clinical Pathology (2016)
- Board Certification: Anatomic Pathology, American Board of Pathology (2011)
- Residency, Stanford Health Care , Anatomic Pathology (2011)

- Fellowship, Stanford Health Care , Hematopathology (2010)

Teaching

COURSES

2025-26

- Science of Medicine III-B: INDE 223B (Win)

2024-25

- Science of Medicine III-B: INDE 223B (Win)

2023-24

- Science of Medicine III-B: INDE 223B (Win)

2022-23

- Science of Medicine III-B: INDE 223B (Win)

Publications

PUBLICATIONS

- **Clinicopathologic and Molecular Analysis of Normal Karyotype Therapy-related and De Novo Acute Myeloid Leukemia: A Multi-institutional Study by the Bone Marrow Pathology Group**
Cantu, M., Kanagal-Shamanna, R., Bueso-Ramos, C., Patel, S., Geyer, J., Tam, W., Li, P., George, T., Nichols, M., Rogers, H., Liu, Y., Aggarwal, N., Kurzer, et al
SPRINGER NATURE.2022: 925-927
- **Flow Cytometry Forward Scatter as a Predictor of Large Cell Transformation in Follicular Lymphoma: A Retrospective Cyto-Heme Inter-Institutional Collaborative (CHIC) study**
Menke, J., Wang, L., Xie, Y., Yakubu, R., Balassanian, R., Frank, A., Gupta, S., Kurzer, J., Long, S., Natkunam, Y., Ruiz-Cordero, R., Wen, K., Gratzinger, et al
SPRINGER NATURE.2022: 989-990
- **TP53 mutation defines a unique subgroup within complex karyotype de novo and therapy-related MDS/AML. *Blood advances***
Weinberg, O. K., Siddon, A. J., Madanat, Y., Gagan, J., Arber, D. A., Dal Cin, P., Narayanan, D., Ouseph, M. M., Kurzer, J. H., Hasserjian, R. P.
1800
- **Evaluation of a measles virus multiplex, triple-target real-time RT-PCR in three specimen matrices at a U.S. academic medical center. *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology***
Broadhurst, M. J., Garamani, N., Hahn, Z., Jiang, B., Weber, J., Huang, C., Sahoo, M. K., Kurzer, J., Hogan, C. A., Pinsky, B. A.
2021; 136: 104757
- **Clinical, immunophenotypic and genomic findings of NK lymphoblastic leukemia: a study from the Bone Marrow Pathology Group. *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc***
Weinberg, O. K., Chisholm, K. M., Ok, C. Y., Fedoriw, Y., Grzywacz, B., Kurzer, J. H., Mason, E. F., Moser, K. A., Bhattacharya, S., Xu, M., Babu, D., Foucar, K., Tam, et al
2021
- **Combined SARS-CoV-2 nucleic acid amplification testing and respiratory virus panel RT-PCR on the Hologic Panther Fusion system. *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology***
Stevens, B. A., Hogan, C. A., Mfuh, K. O., Khan, G. n., Sahoo, M. K., Huang, C. n., Garamani, N. n., Zehnder, J. n., Kurzer, J. n., Pinsky, B. A.
2021; 138: 104792
- **PHF6 Mutations in Hematologic Malignancies. *Frontiers in oncology***
Kurzer, J. H., Weinberg, O. K.
2021; 11: 704471
- **Nonleukemic T/B mixed phenotype acute leukemia with PHF6 and NOTCH1 mutations. *Blood***

- Silva, O., Kurzer, J.
2021; 138 (9): 818
- **Human Germinal Center-associated Lymphoma (HGAL) Is a Reliable Marker of Normal and Neoplastic Follicular Helper T Cells Including Angioimmunoblastic T-Cell Lymphoma.** *The American journal of surgical pathology*
Koo, M., Zhang, J., Tan, B., Kurzer, J., Gratzinger, D., Zhao, S., Suarez, C., Lossos, I. S., Warnke, R. A., Natkunam, Y.
2021
 - **High Frequency of SARS-CoV-2 RNAemia and Association With Severe Disease.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Hogan, C. A., Stevens, B. A., Sahoo, M. K., Huang, C., Garamani, N., Gombar, S., Yamamoto, F., Murugesan, K., Kurzer, J., Zehnder, J., Pinsky, B. A.
2020
 - **Clinical and Genomic Characterization of Myeloproliferative Neoplasms Harboring PHF6 Mutations**
Kurzer, J., Nardi, V., Ouseph, M., Weinberg, O.
NATURE PUBLISHING GROUP.2020: 1328–29
 - **Clinical and Genomic Characterization of Myeloproliferative Neoplasms Harboring PHF6 Mutations**
Kurzer, J., Nardi, V., Ouseph, M., Weinberg, O.
NATURE PUBLISHING GROUP.2020: 1328–29
 - **Comparison of a Point-of-Care Assay and a High-Complexity Assay for Detection of SARS-CoV-2 RNA.** *The journal of applied laboratory medicine*
Stevens, B. n., Hogan, C. A., Sahoo, M. K., Huang, C. n., Garamani, N. n., Zehnder, J. n., Kurzer, J. n., Pinsky, B. A.
2020
 - **Acute Leukemias of Ambiguous Lineage: Clarification on Lineage Specificity.** *Surgical pathology clinics*
Kurzer, J. H., Weinberg, O. K.
2019; 12 (3): 687–97
 - **Clinical, immunophenotypic, and genomic findings of acute undifferentiated leukemia and comparison to acute myeloid leukemia with minimal differentiation: a study from the bone marrow pathology group** *MODERN PATHOLOGY*
Weinberg, O. K., Hasserjian, R. P., Baraban, E., Ok, C., Geyer, J. T., Philip, J. S., Kurzer, J. H., Rogers, H. J., Nardi, V., Stone, R. M., Garcia, J. S., Hsi, E. D., Bagg, et al
2019; 32 (9): 1373–85
 - **Impact of Pretransplant Donor BK Viruria in Kidney Transplant Recipients** *JOURNAL OF INFECTIOUS DISEASES*
Tan, S. K., Huang, C., Sahoo, M. K., Weber, J., Kurzer, J., Stedman, M. R., Concepcion, W., Gallo, A. E., Alonso, D., Srinivas, T., Storch, G. A., Subramanian, A. K., Tan, et al
2019; 220 (3): 370–76
 - **Impact of Pre-Transplant Donor BK Viruria in Kidney Transplant Recipients.** *The Journal of infectious diseases*
Tan, S. K., Huang, C., Sahoo, M. K., Weber, J., Kurzer, J., Stedman, M. R., Concepcion, W., Gallo, A. E., Alonso, D., Srinivas, T., Storch, G. A., Subramanian, A. K., Tan, et al
2019
 - **Rationale and Feasibility of Using a Standardized Screening Tube on the FACSCanto II and the FACSLytic**
Jackson, R., Oak, J., Kurzer, J.
NATURE PUBLISHING GROUP.2019
 - **Rationale and Feasibility of Using a Standardized Screening Tube on the FACSCanto II and the FACSLytic**
Jackson, R., Oak, J., Kurzer, J.
NATURE PUBLISHING GROUP.2019
 - **Clinical, immunophenotypic, and genomic findings of acute undifferentiated leukemia and comparison to acute myeloid leukemia with minimal differentiation: a study from the bone marrow pathology group.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Weinberg, O. K., Hasserjian, R. P., Baraban, E. n., Ok, C. Y., Geyer, J. T., Philip, J. K., Kurzer, J. H., Rogers, H. J., Nardi, V. n., Stone, R. M., Garcia, J. S., Hsi, E. D., Bagg, et al
2019

- **Clinical, Immunophenotypic and Genomic Findings of Acute Undifferentiated Leukemia and Comparison to AML with Minimal Differentiation: A Study from the Bone Marrow Pathology Group**
Weinberg, O. K., Hasserjian, R. P., Baraban, E., Ok, C., Geyer, J. T., Philip, J. S., Kurzer, J. H., Rogers, H. J., Nardi, V., Stone, R. M., Garcia, J. S., Hsi, E. D., Bagg, et al
AMER SOC HEMATOLOGY.2018
- **Flow Immunophenotyping of Benign Lymph Nodes Sampled by FNA: Representative With Diagnostic Pitfalls.** *Cancer cytopathology*
Scott, G. D., Lau, H. D., Kurzer, J. H., Kong, C. S., Gratzinger, D. A.
2018
- **Identification of early B cell precursors (stage 1 and 2 hematogones) in the peripheral blood.** *Journal of clinical pathology*
Kurzer, J. H., Weinberg, O. K.
2018
- **SETDB2 Links E2A-PBX1 to Cell-Cycle Dysregulation in Acute Leukemia through CDKN2C Repression.** *Cell reports*
Lin, C., Wong, S. H., Kurzer, J. H., Schneidawind, C., Wei, M. C., Duque-Afonso, J., Jeong, J., Feng, X., Cleary, M. L.
2018; 23 (4): 1166–77
- **Identification of Early Hematogones in the Peripheral Blood**
Kurzer, J. H., Weinberg, O. K.
NATURE PUBLISHING GROUP.2018: 530
- **A replicable CD271+ mesenchymal stromal cell density score: bringing the dysfunctional myelodysplastic syndrome niche to the diagnostic laboratory.** *Leukemia & lymphoma*
Gars, E., Yousry, S. M., Babu, D., Kurzer, J. H., George, T. I., Gratzinger, D.
2016: 1-3
- **E2A-PBX1 remodels oncogenic signaling networks in B-cell precursor acute lymphoid leukemia.** *Cancer research*
Duque-Afonso, J., Lin, C., Han, K., Wei, M. C., Feng, J., Kurzer, J., Schneidawind, C., Wong, S. H., Bassik, M. C., Cleary, M. L.
2016
- **Mesenchymal stromal cell density is increased in higher grade myelodysplastic syndromes and independently predicts survival.** *American journal of clinical pathology*
Johnson, R. C., Kurzer, J. H., Greenberg, P. L., Gratzinger, D.
2014; 142 (6): 795-802
- **SH2B1 (SH2-B) and JAK2: a multifunctional adaptor protein and kinase made for each other** *TRENDS IN ENDOCRINOLOGY AND METABOLISM*
Maures, T. J., Kurzer, J. H., Carter-Su, C.
2007; 18 (1): 38-45
- **Binding of SH2-B family members within a potential negative regulatory region maintains JAK2 in an active state** *MOLECULAR AND CELLULAR BIOLOGY*
Kurzer, J. H., Saharinen, P., Silvennoinen, O., Carter-Su, C.
2006; 26 (17): 6381-6394
- **Capillary electrophoresis and fluorescence anisotropy for quantitative analysis of peptide-protein interactions using JAK2 and SH2-B beta as a model system** *ANALYTICAL CHEMISTRY*
Yang, P. L., Whelan, R. J., Jameson, E. E., Kurzer, J. H., Argetsinger, L. S., Carter-Su, C., Kabir, A., Malik, A., Kennedy, R. T.
2005; 77 (8): 2482-2489
- **Tyrosine 813 is a site of JAK2 autophosphorylation critical for activation of JAK2 by SH2-B beta** *MOLECULAR AND CELLULAR BIOLOGY*
Kurzer, J. H., Argetsinger, L. S., Zhou, Y. J., Kouadio, J. L., O'Shea, J. J., Carter-Su, C.
2004; 24 (10): 4557-4570