Stanford



Yang Hu

Fellow in Pathology

Bio

PROFESSIONAL EDUCATION

- Board Certification, American Board of Pathology , Anatomic Pathology and Clinical Pathology (AP/CP), (2026)
- MD, University of Wisconsin School of Medicine and Public Health, (2022)
- PhD, University of Wisconsin-Madison , Cellular and Molecular Biology, (2021)
- BS, California Institute of Technology , Biology, (2013)
- Breast Pathology Fellow, Stanford Pathology , (2026-Present)
- Fellow Co-Representative, Stanford Pathology Resident Faculty Committee , (2026-Present)
- Co-Chief Resident, Stanford Pathology , (2024-2025)

Publications

PUBLICATIONS

- **Misaligned Chromosomes are a Major Source of Chromosomal Instability in Breast Cancer.** *Cancer research communications*
  Tucker, J. B., Bonema, S. C., García-Varela, R., Denu, R. A., Hu, Y., McGregor, S. M., Burkard, M. E., Weaver, B. A.
  2023; 3 (1): 54-65
- **Dapsone-induced methemoglobinemia and hemolysis in a woman without G6PD deficiency presenting with idiopathic urticaria.** *Hematology (Amsterdam, Netherlands)*
  Hu, Y., Geere, M., Awan, M., Leavitt, A. D., Brown, L. E., Pearson, H. J., Gandelman, J. S., Kogan, S. C.
  2022; 27 (1): 1253-1258
- **Classes of therapeutics to amplify the immune response.** *Breast cancer research and treatment*
  Hu, Y., Burkard, M. E.
  2022; 191 (2): 277-289
- **Paclitaxel Induces Micronucleation and Activates Pro-Inflammatory cGAS-STING Signaling in Triple-Negative Breast Cancer.** *Molecular cancer therapeutics*
  Hu, Y., Manasrah, B. K., McGregor, S. M., Lera, R. F., Norman, R. X., Tucker, J. B., Scribano, C. M., Yan, R. E., Humayun, M., Wisinski, K. B., Tevaarwerk, A. J., O'Regan, R. M., Wilke, et al
  2021; 20 (12): 2553-2567
- **Prominent decidualization following progestin treatment for endometrial hyperplasia and carcinoma as a mimic of large residual tumor: A cautionary tale.** *Gynecologic oncology reports*
  Hu, Y., Al-Niaimi, A. N., Cagaanan, A., Sadowski, E. A., Kushner, D. M., Weisman, P. S., McGregor, S. M.
  2021; 36: 100747
- **Chromosomal instability upregulates interferon in acute myeloid leukemia.** *Genes, chromosomes & cancer*
  Jin, N., Lera, R. F., Yan, R. E., Guo, F., Oxendine, K., Horner, V. L., Hu, Y., Wan, J., Mattison, R. J., Weaver, B. A., Burkard, M. E.

2020; 59 (11): 627-638

- **Comprehensive Characterization of Swine Cardiac Troponin T Proteoforms by Top-Down Mass Spectrometry.** *Journal of the American Society for Mass Spectrometry*
  Lin, Z., Guo, F., Gregorich, Z. R., Sun, R., Zhang, H., Hu, Y., Shanmuganayagam, D., Ge, Y.
  2018; 29 (6): 1284-1294
- **Trace incorporation of heavy water reveals slow and heterogeneous pathogen growth rates in cystic fibrosis sputum** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Kopf, S. H., Sessions, A. L., Cowley, E. S., Reyes, C., Van Sambeek, L., Hu, Y., Orphan, V. J., Kato, R., Newman, D. K.
  2016; 113 (2): E110-E116