Stanford

Priscilla Yeung

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CLINICAL OFFICE (PRIMARY)

- **Department of Pathology**

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Bio

BIO

Priscilla Yeung, MD, PhD is an Instructor in the Department of Pathology. Her current research is focused on applying top-down mass spectrometry and cell-surface proteomics to discover improved biomarkers for monoclonal gammopathies and other disorders. She completed her clinical pathology residency at Stanford University, MD/PhD training in protein biophysics at Northwestern University, and undergraduate studies at University of Pennsylvania.

CLINICAL FOCUS

- Pathology

ACADEMIC APPOINTMENTS

- Instructor, Pathology

PROFESSIONAL EDUCATION

- Residency: Stanford University Department of Pathology (2024) CA
- Medical Education: Northwestern University Feinberg School of Medicine (2021) IL
- Board Certification: Pathology, American Board of Pathology (2024)
- PhD, Northwestern University Feinberg School of Medicine , Biology/Pharmacology (2018)

Publications

PUBLICATIONS

- **Detection of monoclonal alpha heavy chains in the absence of other monoclonal proteins in a patient with a history of IgG-κ MGUS.** *Clinica chimica acta; international journal of clinical chemistry*
  Mann, M. W., Yeung, P. S., Luo, R. Y., Lynch, K. L., Wu, A. H., Lusk, H. J.
  2025; 579: 120636

- **Post-Translationally Modified Proteoforms as Biomarkers: From Discovery to Clinical Use.** *Clinical chemistry*

Luo, R. Y., Yeung, P. S., Mann, M. W., Zhang, L., Yang, Y. K., Hoofnagle, A. N.
2025

- **Application of capillary electrophoresis-high-resolution mass spectrometry to diagnose 2 rare hemoglobin variants in the San Francisco Bay area.** *Laboratory medicine*
  Lu, C., Wong, C. V., Yeung, P. S., Luo, R. Y.
  2025

- **High-resolution mass spectrometry measurement of N-terminal carbamylated hemoglobin as a potential marker for chronic diseases with elevated blood urea levels.** *Journal of mass spectrometry and advances in the clinical lab*
  Chen, F., Yeung, P. S., Wong, C. V., Luo, R. Y.
  2025; 35: 8-13

- **Clonality Determination by Detecting Unmodified Monoclonal Serum Free Light Chains Using On-Probe Extraction Coupled with Liquid Chromatography-High-Resolution Mass Spectrometry.** *Clinical chemistry*
  Yeung, P. S., Liu, Y., Yang, S., Ruan, A., Kerr, C. R., Wong, C. V., Shi, R. Z., Iberri, D. J., Luo, R. Y.
  2024

- **An up-conversion fluorescence lateral-flow immunoassay for rapid detection of Daratumumab in serum protein electrophoresis clinical samples.** *Clinica chimica acta; international journal of clinical chemistry*
  Liu, Y., Tao, Y., Yeung, P. S., Lu, M., Liu, J., Yu, F., Shi, R., Yiqi Luo, R.
  2024: 119677

- **Transport of Full-Length Proteins through a Nanopore: One Step Closer to Single-Molecule Proteomics.** *Clinical chemistry*
  Yeung, P. S., Luo, R. Y.
  2024; 70 (2): 462-463

- **Study of β1-transferrin and β2-transferrin using microprobe-capture in-emitter elution and high-resolution mass spectrometry.** *Scientific reports*
  Luo, R. Y., Pfaffroth, C., Yang, S., Hoang, K., Yeung, P. S., Zehnder, J. L., Shi, R. Z.
  2023; 13 (1): 14974

- **Mass spectrometry quantitation of immunosuppressive drugs in clinical specimens using online solid-phase extraction and accurate-mass full scan-single ion monitoring.** *Journal of mass spectrometry and advances in the clinical lab*
  Yeung, P. S., Miller, P., Lai-Nyugen, T. B., Cheng, P., Ibrahim, A., Shi, R., Bowen, R. A., Luo, R. Y.
  2023; 28: 99-104

- **Evaluation of a Rapid and Accessible Reverse Transcription-Quantitative PCR Approach for SARS-CoV-2 Variant of Concern Identification.** *Journal of clinical microbiology*
  Yeung, P. S., Wang, H., Sibai, M., Solis, D., Yamamoto, F., Iwai, N., Jiang, B., Hammond, N., Truong, B., Bihon, S., Santos, S., Mar, M., Mai, et al
  2022: e0017822

- **Development and evaluation of an RT-qPCR for the identification of the SARS-CoV-2 Omicron variant.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*
  Sibai, M., Wang, H., Yeung, P. S., Sahoo, M. K., Solis, D., Mfuh, K. O., Huang, C., Yamamoto, F., Pinsky, B. A.
  2022; 148: 105101