

Hubert Lau

- Clinical Assistant Professor (Affiliated), Pathology Clinical
- Staff, Pathology Operations supported expenses

CLINICAL OFFICE (PRIMARY)

- **Laboratory of Surgical Pathology**

300 Pasteur Dr Rm H2110

MC 5324

Stanford, CA 94305

Tel (650) 723-7211 Fax (650) 725-7409

Bio

CLINICAL FOCUS

- Cytopathology
- Anatomic and Clinical Pathology

PROFESSIONAL EDUCATION

- Board Certification: Cytopathology, American Board of Pathology (2019)
- Fellowship: Stanford University Cytopathology Fellowship (2019) CA
- Board Certification: Anatomic and Clinical Pathology, American Board of Pathology (2018)
- Residency: Stanford University Department of Pathology (2018) CA
- Medical Education: University of California San Diego School of Medicine (2014) CA
- Residency, Stanford University , Anatomic and Clinical Pathology (2018)
- MD, University of California-San Diego (2014)
- BS, University of Southern California , Chemistry (2009)
- BA, University of Southern California , Music (2009)

Publications

PUBLICATIONS

- **Subcutaneous Leiomyosarcoma Presenting as Tophaceous Gout on the Left Knee.** *Dermatologic surgery : official publication for American Society for Dermatologic Surgery [et al.]*
Lin, C. P., Linggonegoro, D., Lau, H., Nord, K.
2024
- **Deep learning identifies histopathologic changes in bladder cancers associated with smoke exposure status.** *PLoS one*
Eminaga, O., Lau, H., Shkolyar, E., Wardelmann, E., Abbas, M.
2024; 19 (7): e0305135
- **DEVELOPING AN ANTIMICROBIAL IRRIGATION SOLUTION FOR ENDOUROLOGICAL PROCEDURES: EX VIVO EFFICACY AND IN VIVO SAFETY**
Roquero, D., Holton, G. H., Ge, T., Kornberg, Z., Rodriguez, G., La, V., Lau, H., Mach, K., Liao, J.

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● **LEVERAGING DIGITAL SPATIAL PROFILING TO IDENTIFY TRANSCRIPTIONAL SIGNATURES ASSOCIATED WITH UROTHELIAL CARCINOMA IN SITU**

Frydenlund, N., Meeks, J. J., Lu, X., Choy, B., Yang, R., Mach, K., Liao, J., Lau, H.
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● **Artificial Intelligence Reveals Distinct Prognostic Subgroups of Muscle-Invasive Bladder Cancer on Histology Images.** *Cancers*

Eminaga, O., Leyh-Bannurah, S. R., Shariat, S. F., Krabbe, L. M., Lau, H., Xing, L., Abbas, M.
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● **Efficient Augmented Intelligence Framework for Bladder Lesion Detection.** *JCO clinical cancer informatics*

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● **A magnetic hydrogel for the efficient retrieval of kidney stone fragments during ureteroscopy.** *Nature communications*

Ge, T. J., Roquero, D. M., Holton, G. H., Mach, K. E., Prado, K., Lau, H., Jensen, K., Chang, T. C., Conti, S., Sheth, K., Wang, S. X., Liao, J. C.
2023; 14 (1): 3711

● **Clinicopathologic Features of Human Monkeypox Lymphadenitis.** *Histopathology*

Qian, Z. J., Gong, R., Mann, D. S., Walding, K., Miller, T., Nicholas, V., Kappagoda, S., Pinsky, B. A., Silva, O., Lau, H. D.
2023

● **Sequential modeling for cystoscopic image classification**

Laurie, M., Eminaga, O., Shkolyar, E., Jia, X., Lee, T., Long, J., Islam, M., Lau, H., Xing, L., Liao, J. C.
2023

● **Randomized controlled trial investigating use of submucosal injection of EverLift in rates of complete resection of non-pedunculated 4-9mm polyps.** *International journal of colorectal disease*

Wei, M. T., Louie, C. Y., Chen, Y., Pan, J. Y., Quan, S. Y., Wong, R., Brown, R., Clark, M., Jensen, K., Lau, H., Friedland, S.
2022

● **Randomized controlled Trial Investigating cold snare aNd forceps polypectomy among small POLYPs in rates of complete resection: the TINYPOLYP Trial.** *The American journal of gastroenterology*

Wei, M. T., Louie, C. Y., Chen, Y., Pan, J. Y., Quan, S. Y., Wong, R., Brown, R., Clark, M., Jensen, K., Lau, H., Friedland, S.
2022

● **Immunohistochemical Characterization of 120 Testicular Sex Cord-Stromal Tumors With an Emphasis on the Diagnostic Utility of SOX9, FOXL2, and SF-1.** *The American journal of surgical pathology*

Lau, H. D., Kao, C., Williamson, S. R., Cheng, L., Ulbright, T. M., Idrees, M. T.
2021

● **Immunohistochemical ALK Expression in Granular Cell Atypical Fibroxanthoma: A Diagnostic Pitfall for ALK-Rearranged Non-neural Granular Cell Tumor.** *The American Journal of dermatopathology*

Brown, R. A., Cloutier, J. M., Bahrani, E. n., Liman, A. n., Tasso, D. n., Palmer, A. n., Manning, M. A., Galperin, I. n., Rieger, K. E., Novoa, R. A., Lau, H. n., Louie, C. Y.
2021

● **Metastatic squamous cell carcinoma transformed from prostatic adenocarcinoma following androgen deprivation therapy: A case report with clinicopathologic and molecular findings.** *Diagnostic cytopathology*

Lau, H. D., Clark, M.
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● **Targeted deep sequencing of cell-free DNA in serous body cavity fluids with malignant, suspicious, and benign cytology.** *Cancer cytopathology*

Yang, S., Mooney, K. L., Libiran, P., Jones, C. D., Joshi, R., Lau, H. D., Stehr, H., Berry, G. J., Zehnder, J. L., Long, S. R., Kong, C. S., Kunder, C. A.
2019

● **A Clinicopathologic and Molecular Analysis of Fumarate Hydratase-Deficient Renal Cell Carcinoma in 32 Patients.** *The American journal of surgical pathology*

Lau, H. D., Chan, E., Fan, A. C., Kunder, C. A., Williamson, S. R., Zhou, M., Idrees, M. T., Maclean, F. M., Gill, A. J., Kao, C.

2019

- **Evaluation of Diagnostic Accuracy and a Practical Algorithmic Approach for the Diagnosis of Renal Masses by FNA** *CANCER CYTOPATHOLOGY*
Lau, H. D., Kong, C. S., Kao, C.
2018; 126 (9): 782–96
- **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; 126 (9): 797–808
- **An integrated flow cytometry analysis of 286 mature B cell neoplasms identifies CD13 as a useful marker for diagnostic subtyping.** *International journal of laboratory hematology*
Lau, H., Nagy, A., Atwater, S. K., Cascio, M. J., Ohgami, R. S.
2018
- **Cardiovascular pathology in 2 young adults with sudden, unexpected death due to coronary aneurysms from Kawasaki disease in childhood** *CARDIOVASCULAR PATHOLOGY*
Shimizu, C., Sood, A., Lau, H. D., Oharaseki, T., Takahashi, K., Krous, H. F., Campman, S., Burns, J. C.
2015; 24 (5): 310-316
- **Synthesis of Dihydropyrimidinones/Thiopyrimidinones: Nafion-Ga, an Efficient "Green" Lewis Acid Catalyst for the Biginelli Reaction** *CATALYSIS LETTERS*
Prakash, G. K., Lau, H., Panja, C., Bychinskaya, I., Ganesh, S. K., Zaro, B., Mathew, T., Olah, G. A.
2014; 144 (12): 2012-2020
- **Differential Expression of miR-145 in Children with Kawasaki Disease** *PLOS ONE*
Shimizu, C., Kim, J., Stepanowsky, P., Trinh, C., Lau, H. D., Akers, J. C., Chen, C., Kanegaye, J. T., Tremoulet, A., Ohno-Machado, L., Burns, J. C.
2013; 8 (3)
- **Precise Control of Protein Concentration in Living Cells** *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*
Lau, H. D., Yaegashi, J., Zaro, B. W., Pratt, M. R.
2010; 49 (45): 8458-8461