

Stanford



Emily Chan

Associate Professor of Pathology (Clinical Pathology)

CLINICAL OFFICE (PRIMARY)

- **Department of Pathology**

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Bio

BIO

Dr. Chan is an Associate Professor of Pathology at Stanford University. She completed her MD, PhD at New York University and Anatomic Pathology residency with subspecialty Genitourinary Pathology training at University of California-San Francisco (UCSF). She is AP board-certified. Dr. Chan has been a GU attending at UCSF for the past five years where she has successfully mentored numerous trainees in projects, publications, and career planning. Dr. Chan has co-authored more than 40 peer-reviewed research publications and has a particular interest in integrating molecular testing in diagnostic pathology, as well as recognition of prostate cancer architectural patterns that can help with prognosis and treatment decision making.

CLINICAL FOCUS

- Anatomic and Clinical Pathology

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Pathology

PROFESSIONAL EDUCATION

- Board Certification: Anatomic Pathology, American Board of Pathology (2018)
- Residency: UCSF Pathology Residency (2018) CA
- Medical Education: NYU Grossman School of Medicine (2015) NY

Publications

PUBLICATIONS

- **GATA3 Expression in Prostatic Adenosquamous Carcinoma: A Potential Diagnostic Pitfall.** *International journal of surgical pathology*
Potterveld, S. K., Williamson, S. R., Al-Obaidy, K. I., Akgul, M., Chan, E., Giannico, G. A., Sangoi, A. R.
2024: 10668969241241640
- **Large cribriform glands (>0.25 mm diameter) as a predictor of adverse pathology in men with Grade Group 2 prostate cancer.** *Histopathology*
Greenland, N. Y., Cowan, J. E., Stohr, B. A., Simko, J. P., Carroll, P. R., Chan, E.
2023

- **Positive NKX3.1 as a diagnostic pitfall for prostate cancer in extramammary Paget's disease of genitourinary sites.** *Histopathology*
Chen, C. V., Francois, R. A., Mully, T. W., Sangoi, A., LeBoit, P. E., Simko, J. P., Chan, E.
2023
- **Wilms Tumor: An Unexpected Diagnosis in Adult Patients.** *Archives of pathology & laboratory medicine*
Chan, G. J., Stohr, B. A., Osunkoya, A. O., Croom, N. A., Cho, S. J., Balassanian, R., Charu, V., Bean, G. R., Chan, E.
2023
- **Artificial Intelligence-Based PTEN Loss Assessment as an Early Predictor of Prostate Cancer Metastasis After Surgery: a Multi-Center Retrospective Study.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Patel, P., Harmon, S., Iseman, R., Ludkowski, O., Auman, H., Hawley, S., Newcomb, L. F., Lin, D. W., Nelson, P. S., Feng, Z., Boyer, H. D., Tretiakova, M. S., True, et al
2023: 100241
- **IgG4-Related Prostatitis: A Potentially Underappreciated Finding for Pathologists.** *International journal of surgical pathology*
Sangoi, A. R., Maclean, F., Myint, E., Chan, E.
2023: 10668969231171659
- **Current Practices in Prostate Pathology Reporting: Results From A Survey of Genitourinary Pathologists**
Williamson, S., Alaghebandan, R., Amin, A., Amin, M., Aron, M., Brimo, F., Chan, E., Cheng, L., Colecchia, M., Dhillon, J., Downes, M., Evans, A., Harik, et al
ELSEVIER SCIENCE INC.2023: S826-S827
- **Clear Cell Renal Cell Carcinoma with Focal Psammomatous Calcifications: A Rare Occurrence Mimicking Translocation Carcinoma.** *Histopathology*
Sangoi, A. R., Al-Obaidy, K. I., Cheng, L., Kao, C., Chan, E., Sadasivan, S., Levin, A. M., Alvarado-Cabrero, I., Kunju, L. P., Mehra, R., Mannan, R., Wang, X., Dhillon, et al
2022
- **Granulomas associated with renal neoplasms: A multi-institutional clinicopathological study of 111 cases.** *Histopathology*
Sangoi, A. R., Maclean, F., Mohanty, S., Hes, O., Daniel, R., Lal, P., Canete-Portillo, S., Magi-Galluzzi, C., Cornejo, K. M., Collins, K., Hwang, M., Falzarano, S. M., Feely, et al
2022
- **Clear Cell Renal Cell Carcinoma with Psammomatous Calcifications: A Rare Occurrence Mimicking Translocation Carcinoma**
Sangoi, A., Al-Obaidy, K., Cheng, L., Kao, C., Chan, E., Sadasivan, S., Alvarado-Cabrero, I., Kunju, L., Dhillon, J., Tretiakova, M., Smith, S., Hes, O., Williamson, et al
SPRINGER NATURE.2022: 664
- **Clear Cell Renal Cell Carcinoma with Psammomatous Calcifications: A Rare Occurrence Mimicking Translocation Carcinoma**
Sangoi, A., Al-Obaidy, K., Cheng, L., Kao, C., Chan, E., Sadasivan, S., Alvarado-Cabrero, I., Kunju, L., Dhillon, J., Tretiakova, M., Smith, S., Hes, O., Williamson, et al
SPRINGER NATURE.2022: 664
- **Analysis of separate training and validation radical prostatectomy cohorts identifies 0.25 mm diameter as an optimal definition for "large" cribriform prostatic adenocarcinoma.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Chan, E., McKenney, J. K., Hawley, S., Corrigan, D., Auman, H., Newcomb, L. F., Boyer, H. D., Carroll, P. R., Cooperberg, M. R., Klein, E., Fazli, L., Gleave, M. E., Hurtado-Coll, et al
2022
- **Expanding the clinicopathological spectrum of succinate dehydrogenase-deficient renal cell carcinoma with a focus on variant morphologies: a study of 62 new tumors in 59 patients.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Fuchs, T. L., Maclean, F., Turchini, J., Vargas, A. C., Bhattarai, S., Agaimy, A., Hartmann, A., Kao, C., Ellis, C., Bonert, M., Leroy, X., Kunju, L. P., Schwartz, et al
1800
- **Molecular Characterization of Metanephric Adenomas Beyond BRAF: Genetic Evidence for Potential Malignant Evolution.** *Histopathology*
Chan, E., Stohr, B. A., Croom, N. A., Cho, S., Garg, K., Troxell, M. L., Higgins, J. P., Bean, G. R.
2020
- **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

- **Molecular Characterization of Metanephric Adenomas Beyond BRAF: Are All Benign?**
Chan, E., Stohr, B., Croom, N., Cho, S., Garg, K., Troxell, M., Higgins, J., Bean, G.
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- **Molecular Characterization of Metanephric Adenomas Beyond BRAF: Are All Benign?**
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