

# Stanford

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## Serena Tan

Assistant Professor of Pathology

### CLINICAL OFFICES

- **Department of Pathology**

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### Bio

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### CLINICAL FOCUS

- Anatomic and Clinical Pathology

### ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Pathology
- Member, Maternal & Child Health Research Institute (MCHRI)

### PROFESSIONAL EDUCATION

- Board Certification: Pediatric Pathology, American Board of Pathology (2019)
- Board Certification, Pediatric Pathology, American Board of Pathology (2019)
- Board Certification: Anatomic and Clinical Pathology, American Board of Pathology (2017)
- Fellowship: Ann and Robert H Lurie Children's Hospital Pediatric Pathology Fellowship (2019) IL
- Fellowship: Stanford University Surgical Pathology Fellowship (2018) CA
- Residency: Stanford University Pathology Residency (2017) CA
- Medical Education: Duke University School of Medicine (2008) NC

### Publications

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### PUBLICATIONS

- **Sclerosing Epithelioid Fibrosarcoma of the Kidney: First Reported Case in a Young Child.** *Pediatric and developmental pathology : the official journal of the Society for Pediatric Pathology and the Paediatric Pathology Society*  
Kurtz, J. L., Tan, S. Y., Hazard, F. K.  
2021: 1093526620977738
- **Capillary cell-type specialization in the alveolus.** *Nature*  
Gillich, A. n., Zhang, F. n., Farmer, C. G., Travaglini, K. J., Tan, S. Y., Gu, M. n., Zhou, B. n., Feinstein, J. A., Krasnow, M. A., Metzger, R. J.  
2020

- **Barrett Esophagus and Intestinal Metaplasia of the Gastroesophageal Junction in Children: A Clinicopathologic Study.** *Journal of pediatric gastroenterology and nutrition*  
Putra, J. n., Arva, N. C., Tan, S. Y., Melin-Aldana, H. n., Bass, L. M., Mitchell, P. D., Fox, V. L., Goldsmith, J. D.  
2020; 70 (5): 562–67
- **Gonadal Tissue Cryopreservation for Children with Differences of Sex Development** *HORMONE RESEARCH IN PAEDIATRICS*  
Johnson, E. K., Finlayson, C., Finney, E. L., Harris, C. J., Tan, S. Y., Laronda, M. M., Lockart, B. A., Chen, D., Rowell, E. E., Cheng, E. Y., Yerkes, E. B.  
2020; 92 (2): 84–91
- **Dissecting the Cardiac Conduction System: Is It Worthwhile?** *Pediatric and developmental pathology : the official journal of the Society for Pediatric Pathology and the Paediatric Pathology Society*  
Tan, S. Y., Fritsch, M. K., White, S. n., Arva, N. C.  
2020: 1093526620944756
- **Solitary Fibrous Tumors in Pediatric Patients: A Rare and Potentially Overdiagnosed Neoplasm, Confirmed by STAT6 Immunohistochemistry** *PEDIATRIC AND DEVELOPMENTAL PATHOLOGY*  
Tan, S. Y., Szymanski, L. J., Galliani, C., Parham, D., Zambrano, E.  
2018; 21 (4): 389–400
- **Thrombotic Microangiopathy with Intraglomerular Monoclonal IgM Pseudothrombi**  
Tan, S., Sibley, R., Higgins, J., Kambham, N., Troxell, M.  
NATURE PUBLISHING GROUP.2018: 618
- **Single-cell transcriptomics of 20 mouse organs creates a Tabula Muris.** *Nature*  
2018; 562 (7727): 367–72
- **Pleomorphic myxoid liposarcoma in an adolescent with Li-Fraumeni syndrome.** *Pediatric surgery international*  
Sinclair, T. J., Thorson, C. M., Alvarez, E., Tan, S., Spunt, S. L., Chao, S. D.  
2017
- **BRAF inhibitor treatment of primary BRAF-mutant ameloblastoma with pathologic assessment of response** *ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY*  
Tan, S., Pollack, J. R., Kaplan, M. J., Colevas, A. D., West, R. B.  
2016; 122 (1): E5-E7
- **Developmental origin of lung macrophage diversity** *DEVELOPMENT*  
Tan, S. Y., Krasnow, M. A.  
2016; 143 (8): 1318-1327
- **A novel laparoscopic-assisted approach to the repair of pediatric femoral hernias.** *Journal of laparoendoscopic & advanced surgical techniques. Part A*  
Tan, S. Y., Stevens, M. J., Mueller, C. M.  
2013; 23 (11): 946-948
- **Heterotaxy and complex structural heart defects in a mutant mouse model of primary ciliary dyskinesia** *JOURNAL OF CLINICAL INVESTIGATION*  
Tan, S. Y., Rosenthal, J., Zhao, X., Francis, R. J., Chatterjee, B., Sabol, S. L., Linask, K. L., Bracero, L., Connelly, P. S., Daniels, M. P., Yu, Q., Omran, H., Leatherbury, et al  
2007; 117 (12): 3742-3752