

# Stanford

---

## John Ming Lu

- MD Student, expected graduation Spring 2025
- Ph.D. Student in Stem Cell Biology and Regenerative Medicine, admitted Autumn 2022
- MSTP Student

### Publications

---

#### PUBLICATIONS

- **Meta-Analysis of Single-Cell Transcriptomics Data of Cardiac Fibroblasts Reveals Temporal Heterogeneity of Cardiac Fibroblast Response after MI**  
Lu, J., Januszyk, M., Griffin, M., Guo, J. L., Wan, D. C., Longaker, M. T.  
LIPPINCOTT WILLIAMS & WILKINS.2023: S68
- **Two structural switches in HIV-1 capsid regulate capsid curvature and host factor binding.** *Proceedings of the National Academy of Sciences of the United States of America*  
Stacey, J. C., Tan, A., Lu, J. M., James, L. C., Dick, R. A., Briggs, J. A.  
2023; 120 (16): e2220557120
- **Structures and distributions of SARS-CoV-2 spike proteins on intact virions** *NATURE*  
Ke, Z., Oton, J., Qu, K., Cortese, M., Zila, V., McKeane, L., Nakane, T., Zivanov, J., Neufeldt, C. J., Cerikan, B., Lu, J. M., Peukes, J., Xiong, et al  
2020
- **Quantitative Analysis of the Collagen Matrix Ultrastructure in Mouse Hearts after Myocardial Infarction**  
Lu, J., Griffin, M., Guo, J. L., Mascharak, S., Guardino, N. J., Longaker, M. T.  
LIPPINCOTT WILLIAMS & WILKINS.2023: S13-S14
- **Multi-Modal Analysis of Cell Populations and Architectural States Mediating the Progression and Resolution of Pulmonary Fibrosis**  
Guo, J. L., Griffin, M., Guardino, N. J., Abbas, D., Lu, J., Spielman, A., Lintel, H., Cotterell, A. C., Wan, D. C., Longaker, M. T.  
LIPPINCOTT WILLIAMS & WILKINS.2022: S82
- **Research-driven schistosomiasis mass drug administration campaign in four Tanzanian villages along Lake Victoria**  
Lu, J., Reinhart, P., Kiknadze, N., Kawira, E., Magatti, N., Toole, D., Ariely, S.  
2016