

# Stanford

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## Chew M Chai

Ph.D. Student in Bioengineering, admitted Summer 2017

### Publications

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#### PUBLICATIONS

- **Ultrafast distant wound response is essential for whole-body regeneration.** *Cell*  
Fan, Y., Chai, C., Li, P., Zou, X., Ferrell, J. E., Wang, B.  
2023
- **Expansion spatial transcriptomics.** *Nature methods*  
Fan, Y., Andrusivova, Z., Wu, Y., Chai, C., Larsson, L., He, M., Luo, L., Lundeberg, J., Wang, B.  
2023
- **Heterologous reporter expression in the planarian *Schmidtea mediterranea* through somatic mRNA transfection.** *Cell reports methods*  
Hall, R. N., Weill, U., Drees, L., Leal-Ortiz, S., Li, H., Khariton, M., Chai, C., Xue, Y., Rosental, B., Quake, S. R., Sanchez Alvarado, A., Melosh, N. A., Fire, et al  
2022; 2 (10): 100298
- **Phosphoethanolamine cellulose enhances curli-mediated adhesion of uropathogenic *Escherichia coli* to bladder epithelial cells.** *Proceedings of the National Academy of Sciences of the United States of America*  
Hollenbeck, E. C., Antonoplis, A., Chai, C., Thongsomboon, W., Fuller, G. G., Cegelski, L.  
2018
- **Interfacial mechanisms for stability of surfactant-laden films** *PLOS ONE*  
Bhamla, M. S., Chai, C., Alvarez-Valenzuela, M. A., Tajuelo, J., Fuller, G. G.  
2017; 12 (5)
- **Hand-powered ultralow-cost paper centrifuge** *NATURE BIOMEDICAL ENGINEERING*  
Bhamla, M., Benson, B., Chai, C., Katsikis, G., Johri, A., Prakash, M.  
2017; 1 (1)
- **Instability and Breakup of Model Tear Films** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*  
Bhamla, M. S., Chai, C., Rabiah, N. I., Frostad, J. M., Fuller, G. G.  
2016; 57 (3): 949-958