

# Stanford

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## Yuan Xue

Ph.D. Student in Bioengineering, admitted Autumn 2015

 Curriculum Vitae available Online

### Bio

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#### HONORS AND AWARDS

- Bio-X Travel Award, Bio-X (2018)
- Bio-X Stanford Interdisciplinary Graduate Fellowship, Bio-X (2018)

#### EDUCATION AND CERTIFICATIONS

- Master of Science, Stanford University , BIOE-MS (2017)
- B.A., Reed College , Biology (2014)

### Publications

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#### PUBLICATIONS

- **Single-cell analysis of *Schistosoma mansoni* identifies a conserved genetic program controlling germline stem cell fate.** *Nature communications*  
Li, P., Nanes Sarfati, D., Xue, Y., Yu, X., Tarashansky, A. J., Quake, S. R., Wang, B.  
2021; 12 (1): 485
- **Differential Impacts on Host Transcription by ROP and GRA Effectors from the Intracellular Parasite *Toxoplasma gondii*.** *mBio*  
Rastogi, S., Xue, Y., Quake, S. R., Boothroyd, J. C.  
2020; 11 (3)
- **A single-parasite transcriptional atlas of *Toxoplasma gondii* reveals novel control of antigen expression.** *eLife*  
Xue, Y., Theisen, T. C., Rastogi, S., Ferrel, A., Quake, S. R., Boothroyd, J. C.  
2020; 9
- **Self-assembling manifolds in single-cell RNA sequencing data.** *eLife*  
Tarashansky, A. J., Xue, Y. n., Li, P. n., Quake, S. R., Wang, B. n.  
2019; 8
- **Single-cell transcriptomics of 20 mouse organs creates a Tabula Muris.** *Nature*  
2018; 562 (7727): 367–72
- **The RpoE Stress Response Pathway Mediates Reduction of the Virulence of Enteropathogenic *Escherichia coli* by Zinc** *APPLIED AND ENVIRONMENTAL MICROBIOLOGY*  
Xue, Y., Osborn, J., Panchal, A., Mellies, J. L.  
2015; 81 (11): 3766-3774
- **Activation of lysosomal function in the course of autophagy via mTORC1 suppression and autophagosome-lysosome fusion** *CELL RESEARCH*  
Zhou, J., Tan, S., Nicolas, V., Bauvy, C., Yang, N., Zhang, J., Xue, Y., Codogno, P., Shen, H.  
2013; 23 (4): 508-523