

## Jing Lin Xie

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### Publications

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#### PUBLICATIONS

- **The *Candida albicans* transcription factor Cas5 couples stress responses, drug resistance and cell cycle regulation.** *Nature communications*  
Xie, J. L., Qin, L., Miao, Z., Grys, B. T., Diaz, J. D., Ting, K., Krieger, J. R., Tong, J., Tan, K., Leach, M. D., Ketela, T., Moran, M. F., Krysan, et al  
2017; 8 (1): 499
- **Staurosporine Induces Filamentation in the Human Fungal Pathogen *Candida albicans* via Signaling through Cyr1 and Protein Kinase A *mSphere***  
Xie, J. L., O'meara, T. R., Polvi, E. J., Robbins, N., Cowen, L. E.  
2017; 2 (2)
- **Signaling through Lrg1, Rho1 and Pkc1 Governs *Candida albicans* Morphogenesis in Response to Diverse Cues.** *PLoS genetics*  
Xie, J. L., Grahl, N., Sless, T., Leach, M. D., Kim, S. H., Hogan, D. A., Robbins, N., Cowen, L. E.  
2016; 12 (10)
- **Functional Genomic Analysis of *Candida albicans* Adherence Reveals a Key Role for the Arp2/3 Complex in Cell Wall Remodelling and Biofilm Formation** *PLoS Genet.*  
Lee, J. A., Robbins, N., Xie, J. L., Ketela, T., Cowen, L. E.  
2016
- **Elucidating drug resistance in human fungal pathogens** *FUTURE MICROBIOLOGY*  
Xie, J. L., Polvi, E. J., Shekhar-Guturja, T., Cowen, L. E.  
2014; 9 (4): 523-542
- **Loss of Elongation Factor P Disrupts Bacterial Outer Membrane Integrity (vol 194, pg 413, 2012)** *JOURNAL OF BACTERIOLOGY*  
Zou, S. B., Hersch, S. J., Roy, N., Wiggers, J. B., Leung, A. S., Buranyi, S., Xie, J. L., Dare, K., Ibba, M., Navarre, W. W.  
2012; 194 (16): 4484-4484
- **Global Analysis of the Evolution and Mechanism of Echinocandin Resistance in *Candida glabrata*** *PLOS PATHOGENS*  
Singh-Babak, S. D., Babak, T., Diezmann, S., Hill, J. A., Xie, J. L., Chen, Y., Poutanen, S. M., Rennie, R. P., Heitman, J., Cowen, L. E.  
2012; 8 (5)
- **PoxA, YjeK, and Elongation Factor P Coordinately Modulate Virulence and Drug Resistance in *Salmonella enterica*** *MOLECULAR CELL*  
Navarre, W. W., Zou, S. B., Roy, H., Xie, J. L., Savchenko, A., Singer, A., Edvokimova, E., Prost, L. R., Kumar, R., Ibba, M., Fang, F. C.  
2010; 39 (2): 209-221

#### PRESENTATIONS

- Signaling through Lrg, Rho1, and Pkc1 governs *Candida albicans* morphogenesis in response to diverse cues - Gordon Research Conference on Cellular & Molecular Fungal Biology
- Dephosphorylation of the Transcription Factor Cas5 Modulates Cell Cycle and Antifungal Drug Resistance - 66th Annual Conference of the Canadian Society of Microbiologists