

Wang Yue's AIDL affiliated publications

1. Chew Teng Tan, Xiaoli Xu, Yuan Qiao, and Yue Wang (2021). A peptidoglycan storm caused by β -lactam antibiotics' action on host microbiota drives invasive *Candida albicans* infection.
Nat Commun 12:2560. doi: 10.1038/s41467-021-22845-2
2. Jiaxin Gao, Eve W. L. Chow, Haitao Wang, Xiaoli Xu, Chunling Cai, Yabin Song, Jianbin Wang and Yue Wang (2021) LncRNA DINOR is a virulence factor and global regulator of stress responses in *Candida auris*.
Nat Microbiol 6, 842-851. doi:10.1038/s41564-021-00915-x
3. Guisheng Zeng, Xiaoli Xu, Jiaxin Gao, Alessandra da Silva Dantas, Neil A.R. Gow, and Yue Wang (2021). Inactivating the mannose-ethanolamine phosphotransferase Gpi7 confers caspofungin resistance in the human fungal pathogen *Candida albicans*.
The Cell Surface 7, 100057 doi: 10.1016/j.tcs.2021.100057
4. Guisheng Zeng, Xuezhi Bi, Xiao-Li Xu, Fu-Sheng Deng, Eve Wai Ling Chow, Jiaxin Gao, Fong Yee Chan, and Yue Wang (2020). Cytochrome c regulates hyphal morphogenesis of the human fungal pathogen *Candida albicans*.
5. Eve Chow, Li Mei Pang, and Yue Wang (2021). From Jekyll to Hyde: The yeast-hyphal transition of *Candida albicans*.
Pathogens 10, 859 10.3390/pathogens10070859
6. Guisheng Zeng, Suat Peng Neo, Li Mei Pang, Jiaxin Gao, Jayantha Gunaratne, and Yue Wang. Comprehensive interactome analysis for the sole adenylyl cyclase Cyr1 of *Candida albicans*.
Microbiology Spectrum 31-10-2022; DOI: 10.1128/spectrum.03934-22
7. Guisheng Zeng, Xiaoli Xu, Yee Jiun Kok, Fu-Sheng Deng, Eve Wai Ling Chow, Jiaxin Gao, Xuezhi Bi, and Yue Wang (2023) Cytochrome c regulates hyphal growth by interfering with cAMP-PKA signaling in *Candida albicans*
Cell Reports 42, 113473 DOI: 10.1016/j.celrep.2023.113473
8. Eve W. L. Chow, Yabin Song, Xiaoli Xu, Jianbin Wang, Jiaxin Gao and Yue Wang (2022). The transcription factor Rpn4 activates its own and efflux pumps' expression to confer fluconazole resistance in *Candida auris*
mbio 14, 1. DOI:10.1128/mbio.02688-23
9. Yaquan Liang, Yilin Zhao, Jeric Kwan, Yue Wang, and Yuan Qiao (2022) Peptidoglycan cleavage by elevated lytic transglycosylase activity alters cell morphology and potentiates beta-lactam antibiotics in *Escherichia coli*
J Biol Chem 299, 104615. 10.1016/j.jbc.2023.104615
10. Eve Chow, Li Mei Pang, and Yue Wang (2023). Impact of the host microbiota on fungal infections: New possibilities for intervention?
Adv Drug Deliv Rev 198c 10.1016/j.addr.2023.114896
11. Pathogenic fungi: novel targets and theranostic strategies (2023). A special issue of Advanced Drug Delivery Reviews, edited by Yue Wang, Linqi Wang and Chong Li.
Adv Drug Deliv Rev
12. AX Chen, HY Lau, JY Teo, Y Wang, DZY. Choong, Yue Wang, H-K Luo, YY Yang and N Li (2023) Water-Mediated *In Situ* Fabrication of CuI Nanoparticles on Flexible

Cotton Fabrics: A Sustainable and Skin-Compatible Coating with Broad-Spectrum Antimicrobial Efficacy and Rapid Killing Kinetics

ACS Appl Nano Mater 6, 14, 13238–13249; Pub Date: 2023-07-07, DOI: 10.1021/acsanm.3c01961

13. Eve W.L. Chow, Jiaxin Gao, Haitao Wang, Xiaoli Xu, and Yue Wang (2024) Genome-wide profiling of *piggyBac* transposon insertion mutants reveals loss of the mitochondrial F₁F₀ ATPase complex causes fluconazole resistance in *Candida glabrata*. **Mol Microbiol** 121(4):781-797 DOI:10.1111/mmi.15229
14. Yue Wang, Linqi Wang, and Chong Li (2024). Pathogenic fungi: novel targets and theranostic strategies (Editorial). **Adv Drug Deliv Rev** DOI: 210 10.1016/j.addr.2024.115343
15. Eve W. L. Chow, Li Mei Pang, Yue Wang (2024) The impact of the host microbiota on *Candida albicans* infection. **Curr Opin Microbiol** DOI: 10.1016/j.mib.2024.102507.