

Supplementary Materials: Octyl Gallate as an Intervention Catalyst to Augment Antifungal Efficacy of Caspofungin

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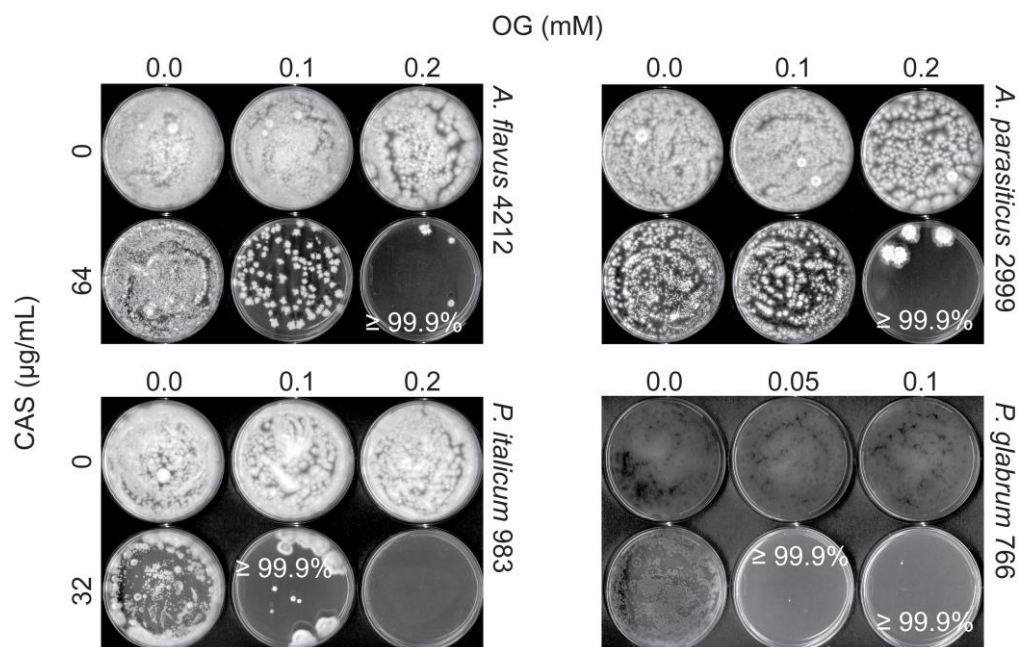


Figure S1. Chemosensitization test in *A. flavus* 4212, *A. parasiticus* 2999, *Penicillium italicum* 983 and *P. glabrum* 766. Results shown here are the determination of the MFCs of antifungal agents (CAS + OG) ($\geq 99.9\%$ indicates achievement of $\geq 99.9\%$ of fungal death).

Table S1. The model yeast *Saccharomyces cerevisiae* strains used in this study.

<i>S. cerevisiae</i> strains	Functions of Deleted Genes in Cell Wall Integrity	Source
BY4741 (WT)	Parental strain (<i>Mat a his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>)	SGD ¹
993 (<i>slt2Δ</i>)	Mitogen-Activated Protein Kinase (MAPK)	SGD
2487 (<i>mkk1Δ</i>)	MAPK kinase (MAPKK)	SGD
2112 (<i>mkk2Δ</i>)	MAPK kinase (MAPKK)	SGD
1328 (<i>bck1Δ</i>)	MAPKK kinase (MAPKKK)	SGD
1784 (<i>wsc1Δ</i>)	Sensor-transducer: stress-activated PKC1-MPK1 pathway	SGD
5241 (<i>mid2Δ</i>)	Sensor for cell wall integrity signaling	SGD
5280 (<i>rom2Δ</i>)	GDP/GTP exchange protein	SGD
5251 (<i>fks1Δ</i>)	β -1,3-D-glucan synthase; Target of caspofungin	SGD
2739 (<i>rlm1Δ</i>)	MADS-box transcription factor	SGD
6109 (<i>swi4Δ</i>)	Transcription factor	SGD
23133 (<i>pkc1Δ</i>)	Protein serine/threonine kinase	SGD

¹SGD, *Saccharomyces* Genome Database (www.yeastgenome.org, Accessed 1 May 2018).