## Accepted Manuscript

Candida albicans glutathione reductase downregulates Efg1-mediated cyclic AMP/protein kinase A pathway and leads to defective hyphal growth and virulence upon decreased cellular methylglyoxal content accompanied by activating alcohol dehydrogenase and glycolytic enzymes

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## **ACCEPTED MANUSCRIPT**

Candida albicans glutathione reductase downregulates

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activating alcohol dehydrogenase and glycolytic enzymes

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Running title: Methylglyoxal regulates cellular glutathione and glycolysis

*Keywords:* glutathione; glutathione reductase; hyphal growth; methylglyoxal; alcohol dehydrogenase; Efg1-mediated cyclic AMP/protein kinase A pathways; *Candida albicans* 

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