



Regulation of Fungal Morphogenesis and Gene Expression

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Many fungi adapt to dynamic environmental conditions by changing their cellular growth patterns while simultaneously altering gene expression. For fungal pathogens, morphogenesis and gene expression changes are critical for invasion of host tissue and disease. Understanding the fundamental mechanisms that ensure appropriate gene expression patterns and levels during and following morphogenesis could open up new avenues for interfering with the pathogenic properties of fungi. While progress has been made in identifying the proteins that carry out changes in cell growth patterns during morphogenesis and the transcription factors that regulate gene expression changes, little is known about how these processes are coordinated. More research is needed to determine if there is crosstalk between the morphogenesis machinery and transcription factors, or if these two processes respond to environmental conditions independently.

Sincerely,
Dr. Paula R. Sundstrom
Guest Editor





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Message from the Editor-in-Chief

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