



“Behavior” of Fungi—A Themed Issue in Honor of Dr. Peter N. Lipke

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Edition of *Pathogens* is in honor of Dr. Peter N. Lipke, for his many contributions to our knowledge of the “behavior” of fungi. Early in his career, he elucidated mechanisms of *Saccharomyces cerevisiae* agglutination, a cell–cell interaction leading to sexual exchange. He focused on components of the cell wall and their roles in this very “social interaction”. Decades later, he turned his attention to *Candida albicans*. He has shown us how this even more social yeast aggregates by exploiting amyloid sequences in cell surface proteins. This discovery has led to knowledge of biofilm formation and consequent fungal adhesion to human proteins and tissues. This “sociologist” of yeasts is himself a most congenial man. His many trainees join him and his wife, Anne (who ran his lab), and their many sons and daughters in a journey to understand different ways of belonging to biofilms and families. These studies include consequences of behavior in both small and large organisms. Consequences include benign ones like food and drink (bread, beer, and wine), as well as malign ones such as *C. albicans* infections.





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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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