

## Special Issue

# Pathogenesis of Fungal and Bacterial Microbes

### Message from the Guest Editor

Defining pathogenesis of fungal and bacterial microbes improves our understanding of how an organism causes disease and provides insight into novel prospects to combat infection. By offering a broad topic which covers both fungal and bacterial microbes, we have the opportunity to highlight similarities between organisms and draw on information gleaned from one organism, species, or kingdom to address questions in a related field. It also encourages us to appreciate the uniqueness of each organism and the niche-specific factors which influence microbial classification as a 'pathogen'. This Special Issue aims to highlight and summarize advances in our understanding of fungal and bacterial pathogenesis by inviting submissions of original research articles, case reports, short communications, and review papers. Potential topics include (but are not limited to): Cellular and molecular mechanisms of pathogenesis, systems biology of pathogenesis, bacteria–fungal interactions, virulence factor mechanisms and discovery, host–pathogen interactions and host defense, and novel antimicrobial treatment options.

### Guest Editor

Dr. Jennifer Geddes-McAlister

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### Deadline for manuscript submissions

closed (30 November 2019)



## Pathogens

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Hinh Ly

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