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Pathogenesis of Fungal and Bacterial Microbes

Guest Editor:

Dr. Jennifer Geddes-McAlister

Molecular and Cellular Biology
Department, University of
Guelph, Guelph, ON N1G 2W1,
Canada

Deadline for manuscript
submissions:

closed (30 November 2019)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Jennifer Geddes-McAlister

Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Lawrence S. Young

Warwick Medical School,
University of Warwick, Coventry
CV4 7AL, UK

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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Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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