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Cryptococcosis in Humans and Animals: One Health Approaches to Improved Understanding of Pathogenesis, Diagnosis and Treatment

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Deadline for manuscript
submissions:

closed (20 September 2023)

Message from the Guest Editors

This special issue of *Pathogens* on cryptococcosis will highlight cutting-edge, One Health approaches that are extending our knowledge of this life-threatening disease in animals and humans. The issue will address

- Current status of taxonomic revisions and novel species/molecular types
- ways in which molecular approaches have improved understanding of ecologic niches, spatial epidemiology, and antifungal drug resistance among different molecular types
- Impact of climate change and population growth on the epidemiology of cryptococcosis
- Clinical manifestations in humans, domestic animals, and wildlife species
- New insights regarding determinants of virulence and pathogenesis
- Risk factors for infection and disease in humans and animals
- understanding of immune responses to different species and strains of *Cryptococcus*
- improvements in diagnostic testing, including point-of-care rapid assays and metagenomic approaches
- advances in antifungal drug therapy and recommendations for antifungal drug testing, treatment and monitoring;
- future directions that aid in prevention of this globally-important mycosis



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Special Issue



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Editor-in-Chief

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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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