

Special Issue

Invisible Enemy: Fungal Toxins Mycotoxins: The Great Masqueraders of the Century

Message from the Guest Editor

Mycotoxins from toxigenic fungi cause significant health problems in humans worldwide. Mycotoxins have genotoxic, immunotoxic, teratogenic, carcinogenic, hematotoxic, nephrotoxic, neurotoxic, hepatotoxic, and dermatotoxic properties. Due to the symptoms that they cause, they often masquerade as many diseases. These include Chronic Fatigue Syndrome, Fibromyalgia, Autoimmune Disorders, Inflammatory Bowels Diseases, and several other common neurodegenerative disorders. Studies have shown how certain mycotoxins cross the placenta and adversely affect the fetus, as well as being secreted in the mother's breast milk after birth. In both men and women, reports have shown how mycotoxins affect hormones. In later years in life, mycotoxins are associated with Alzheimer's Disease, Parkinson's Disease, and Amyotrophic Lateral Sclerosis.

This *Pathogens* Special Issue welcomes contributions (original research articles, reviews, case reports, short communications, etc.) on the toxic effects of mycotoxins in humans. We anticipate sharing innovations in the diagnosis and treatment of diseases caused by mycotoxins, as well as practical experiences.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2025)



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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.

Editor-in-Chief

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