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Human Fungal Pathogens and Emerging Antifungal Resistance—A Global Public Health Problem?

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Message from the Guest Editor

Dear Colleagues,

Improvements in oncology and transplant medicine has led to increased patient populations with high susceptibility to severe fungal infections. These mostly opportunistic infections are a deadly threat to immunosuppressed patients. In addition, the worldwide growing number of diabetic patients display another patient cohort at risk. Progress in diagnosis has enabled faster species identification of fungal pathogens. Nevertheless, too late diagnosis, fast progression of disease, limited antifungal regimens, changes in epidemiology, and the increasing appearance of resistance result in unacceptably high mortality rates. To fight, or even prevent, severe fungal infections, it is necessary to further advance our understanding of virulence traits and their molecular mechanisms of action in order to identify targets for antifungal drug development.

This Special Issue is open to researchers in any related field willing to contribute significant discoveries, or relevant observations in fungal virulence, antifungal resistance mechanisms or identification of putative drug targets.

Dr. Ulrike Binder
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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