



Aspergillus Infections—Virulence and Host Response

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Message from the Guest Editors

Dear Colleagues,

Aspergillus fumigatus and other pathogenic species of the genus *Aspergillus* are the causative agents of a variety of infections that can affect humans as well as animals. The spectrum of diseases ranges from mild allergic reactions and locally restricted infections, such as ABPA and aspergillomas, to severe and life-threatening systemic mycoses. In recent decades, cases of systemic aspergillosis have mainly affected severely immunocompromised patients, e.g., after stem cell transplantation. However, the recent pandemic has led to an onset of COVID-19-associated pulmonary aspergillosis (CAPA), which in turn has sparked increased interest in influenza-associated cases of aspergillosis.

The focus of this Special Issue will be on studies around the fungal and host side of aspergillosis. Virulence traits include any aspects of fungal biology that contribute to its pathogenic potential or stress resilience. Depending on the type of disease, host responses differ depending on the interplay between host and pathogen. The resulting immune response can either solve an infection or, in other cases, even be detrimental and result in severe collateral damage.





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Message from the Editor-in-Chief

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