



Aspergillus and Health 2.0

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Message from the Guest Editor

Aspergillus is the filamentous fungi more frequently associated with invasive fungal infection. An effective diagnosis is often complex and is still a challenge. Molecular characterizations of *Aspergillus* have been contributing to the discovery of new etiological agents and to the knowledge of species distribution and their possible role in pathogenesis, especially regarding antifungal resistance and virulence. Antifungal susceptibility is highly variable among cryptic species, several of which show high in vitro minimal inhibitory concentrations to multiple antifungal drugs. Azole resistance has been increasing in prevalence in *A. fumigatus* isolates due to the development of acquired resistance caused by prophylaxis/treatment with antifungals, as well as to the use of agricultural azoles and consequent acquisition of resistant isolates from environmental origin, posing new challenges in therapeutic management. This special issue “*Aspergillus and Health 2.0*” aims to discuss these questions and present some of the most recent studies on this area.





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Message from the Editor-in-Chief

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