

Special Issue

Mycotoxins, Immunity, and Inflammation 2022

Message from the Guest Editor

Toxic fungal components or metabolites, including mycotoxins, that are exposed to humans and animals, lead to detrimental effects on health and are closely associated with acute and chronic diseases. The immune system, including immune cells and cytokines, plays a pivotal role in modulating immune responses and inflammation during the disease process. Recent advances have greatly increased our understanding of mycotoxicoses in association with immune systems in health and immune-related pathogenesis of inflammation, infection, sepsis, tumor, immunosuppression, metabolic diseases, autoimmune disorders, degenerative diseases, and other diseases. Moreover, many mycotoxins interfering with homeostatic immune regulation may lead to immune suppression or cause excessive immune responses to autoantigens and hypersensitivity. We invite authors to submit original research articles and literature reviews that define the actions of toxic fungal components or metabolites including mycotoxins in immunological networks and the associated disease outcomes of exposure in humans and animals.

Guest Editor

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closed (31 October 2022)



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