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Transcriptomic and Proteomic Changes Due to Mycotoxins Exposure from Foods

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Message from the Guest Editor

Dear Colleagues,

Given the depth of your expertise in this field, I would like to cordially invite you to contribute an article to the Special Issue. Mycotoxins are already one of the main food and feed contaminants and climate change is anticipated to impact on their presence. In order to provide the society with sufficient information about their toxicity, we scientists need to investigate not only the visible toxicity symptoms, but also the mechanisms of action that these mycotoxins trigger. As you know, omics involve collective technologies and approaches to explore the roles of various molecules which constitute cells within living organisms. In recent years, omics have extended from the initial genomics to a wide range of biomolecular disciplines aimed to study specific characteristics considered as a whole. The interpretation of omics data can provide valuable information on the functional status of an organism and on the effect of external factors such as mycotoxins. This Special Issue aims for a better understanding of mycotoxins mechanisms of action and toxicity effects through a transcriptomic and proteomics approach by using in vitro, ex vivo and in vivo models.



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Special Issue



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Message from the Editor-in-Chief

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