Special Issue

Transcriptomic and Proteomic Changes Due to Mycotoxins Exposure from Foods

Message from the Guest Editor

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.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, Foods has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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