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Mycotoxins and Fungal Toxins: Current Status and Future Perspectives

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Deadline for manuscript submissions:
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Message from the Guest Editors

Mycotoxins are secondary metabolites of fungi under specific conditions. Up to now, more than 400 mycotoxins have been identified which are mainly produced by several common fungal genera. These toxic compounds are frequently found as contaminants in grains, fruits, vegetables, and nuts, representing a major threat to food/feed safety.

This research topic aims to highlight current research and future perspectives on all aspects of *mycotoxins*. Experts specifically from the fields of mycotoxigenic fungi biology, identification and detection of mycotoxins, and toxicology of mycotoxins are invited to contribute their newest findings in the form of research articles, or reviews.

Potential topics include but are not limited to the following:

- Identification of novel mycotoxins and their nature occurrence;
- New insights into accurate and rapid detections of mycotoxins;
- Evolution, genetic, and epigenetic regulation of mycotoxigenic fungi;
- Studies on single and combined toxicity of various mycotoxins on different organisms;
- Identification and characterization of genes associated with mycotoxin biosynthesis and their molecular regulation mechanism.



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Special Issue



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Message from the Editor-in-Chief

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