

Special Issue

Impact of Host-Fungi-Environment Interaction on Parent and Modified Mycotoxin Co-occurrence

Message from the Guest Editors

There are some topics related to mycotoxins that are becoming increasingly relevant for the scientific community because of their impact on mycotoxin occurrence and, consequently, on human and animal health. It is well known that mycotoxin production is the result of the three-way fungi-matrix-environment interaction. Recently, the co-occurrence of mycotoxins has been emphasised, both in different parent mycotoxins and their modified forms. Climate change is confirmed to play a role, both for the increase in temperature and CO₂, or the different distribution of rainfall, but also for the increased extreme events. The microbiome, the whole community of microorganisms on the host, is strongly influenced, with the impact on mycotoxin producing fungi growth and metabolism governed by fungal gene expression, but also strictly linked with the matrix interaction. In this context, we hope scientists from different scientific areas will be happy to contribute to merge in this special issue different expertise and different perspectives. Our aim is to add value to the tassels that any author will provide driving those contribute all together to make the puzzle as much complete as possible.

Guest Editors

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Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

Editor-in-Chief

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