

## Special Issue

# Rapid Detection of Mycotoxin Contamination

### Message from the Guest Editor

Mycotoxin contamination in crops, and the subsequent mycotoxin contamination in food and feed is currently a major concern in environmental and food safety, affecting both crop production and animal husbandry. In turn, the rapid detection of mycotoxin levels in food and feed, as well as in other biological and environmental matrices, is of key importance both in mycotoxin monitoring and exposure assessment. Mycotoxin occurrence in produce is mostly as a result of improper harvest or storage conditions that favour the emergence of toxinogenic fungi

(e.g., *Fusarium*, *Penicillium*, *Aspergillus*, and other species). Target mycotoxins include the most hazardous aflatoxins, trichothecenes (e.g., T-2, deoxynivalenol), resorcilactones (e.g., zearalenone), fumonisins, and ochratoxins, as well as recently identified compounds (e.g., sterigmatocystin, moniliformin, and others). The meteorological conditions prior to harvest strongly affect fungal growth and mycotoxin production; moreover, climate change also exerts its impact, as toxinogenic fungal strains may now emerge at climatic zones where they could not colonise before.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2020)



## Toxins

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### Message from the Editor-in-Chief

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.

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### Editor-in-Chief

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