



## Mycotoxins and Their Chromatographic-Based Detection Technology

Guest Editors:

**Dr. Siegrid De Baere**

Department of Pharmacology,  
Toxicology and Biochemistry,  
Ghent University, 9820  
Merelbeke, Belgium

**Prof. Dr. Siska Croubels**

Department of Pharmacology,  
Toxicology and Biochemistry,  
Ghent University, 9820  
Merelbeke, Belgium

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### Message from the Guest Editors

Mycotoxins have a negative impact on human and animal health. Analytical techniques play a major role in the analysis of mycotoxins and their metabolites. However, the development of new analytical methods is often challenging, certainly when a multianalyte determination is required. Today, technical platforms based on chromatographic techniques (mainly liquid chromatography (LC) and gas chromatography (GC)) combined with spectrometric detection are widely used. The use of high-resolution mass spectrometry (HRMS) allowed the identification of novel mycotoxins and metabolites and boosted the advances in metabolomics studies.

This Special Issue is dedicated to the development, validation, and application of novel methods based on chromatographic separation in combination with spectrometric detection techniques for the identification and quantification of mycotoxins in different matrices (crops, food, feed, biological matrices). Besides, novel sampling techniques (e.g., microsampling, such as dried blood spots (DBS), volumetric absorptive microsampling (VAMS), etc.), as well as innovative and high-throughput sample preparation and purification methods are welcome.





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## Editor-in-Chief

### **Prof. Dr. Jay Fox**

Department of Microbiology,  
University of Virginia,  
Charlottesville, VA, USA

## Message from the Editor-in-Chief

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*Toxins* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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