Special Issue

Production and Metabolic Transformation Mechanism of Foodborne Mycotoxins

Message from the Guest Editors

Mycotoxins are classed as the top food and feed contaminants all over the world. Scientists have achieved significant progress in the mycotoxin research field by introducing new methods for the detection of mycotoxins and major metabolites, metabolic transformation mechanisms, and proposing several feasible mitigation strategies. All these efforts have enhanced the safety of food and feed and allowed us to gain a better understanding of the toxic health effects and how to control these hazardous contaminants. However, there is still a knowledge gap in foodborne mycotoxin production by fungi, the metabolic transformation mechanism of mycotoxins in animals in vivo, and food processing, especially for emerging members and unknown metabolites of mycotoxins. In this Special Issue, we welcome all submissions related to (1) Production of foodborne mycotoxins; (2) Metabolic transformation mechanism of foodborne mycotoxins, especially if the work implements omics approach to understanding the mechanism; (3) Survey studies for risk assessment of mycotoxins and metabolites in food and feed; (4) All types of laboratory and/or field studies for control of mycotoxins production.

Guest Editors

Dr. Yanshen Li
College of Life Science, Yantai University, Yantai 264005, China

Dr. Shupeng Yang
Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences, Beijing 100193, China

Deadline for manuscript submissions

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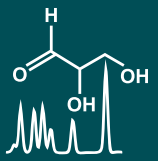
Metabolites
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metabolites@mdpi.com

mdpi.com/journal/metabolites



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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

Dr. Amedeo Lonardo
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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