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Recent Developments of Mycotoxins Analysis in Food Field

Guest Editor:

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Deadline for manuscript submissions:

closed (30 June 2020)

Message from the Guest Editor

Mycotoxins are toxic compounds produced by fungi that contaminate food and raw materials. They can severely affect human health after chronic exposure and, thus, their presence at low concentrations is of great concern in food safety. Notifications on the Rapid Alert System for Food and Feed (RASFF) concerning mycotoxins are becoming frequent, being among the “top three” hazards reported on food products. Up to now, maximum limits for only some mycotoxins have been set. Nonetheless, other mycotoxins have been considered as relevant as the ones regulated due to the fact that they could contribute to the risk posed to humans and animals. Accordingly, this has resulted in the development of analytical multimycotoxin methods and the data about the occurrence and metabolization of these natural toxic compounds. Based on this, this Special Issue will deal with articles or reviews related to recent applications of chromatography techniques coupled to mass spectrometry (including high resolution). The main topic will be the development of new analytical methods, occurrence studies and metabolomics for mycotoxin studies.



mdpi.com/si/28688

Special Issue



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Message from the Editor-in-Chief

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