Special Issue

Mycotoxins and Cereal Quality

Message from the Guest Editor

Fungal diseases and damage by fungi during storage represent the largest threats to the supply, quality and safety of cereal grains. Significant amounts of grain are lost on an annual basis, which can occur through reductions in grain yield, reduced quality for end-product processing, and the presence of mycotoxins. In terms of mycotoxins, aflatoxins, ochratoxins, fumonisins, tricothecenes (especially deoxynivalenol), and zearalenone have been most widely studied in terms of their presence in cereal grains and cereal products, and their impact on quality. However, there is increased interest in the so-called emerging mycotoxins, which includes enniatins, beauvericin, moniliformin and alternariol, among others. The consideration of mycotoxins in cereal grains, and their fate through processing is especially relevant in light of the increased emphasis on whole grains in the diet. This Special Issue will focus on mycotoxins and cereal grain quality and will consider topics from the field to the end-product.

Guest Editor

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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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