Special Issue

Zearalenone (ZEN) and Deoxynivalenol (DON) Mycotoxicosis

Message from the Guest Editor

Mycotoxicosis is the name given to the group of illnesses and disorders in humans and animals resulting from toxic secondary metabolites (mycotoxins) produced by some fungi species. Mycotoxicoses are acute and chronic toxic diseases. Their clinical features, target organs, and outcome depend on the intrinsic toxic features of the mycotoxin and the quantity and length of exposure, as well as the health status of the exposed animals. The most prevalent mycotoxins are produced by Fusarium which can produce mycotoxicosis, i.e., zearalenone (ZEN) and deoxynivalenol (DON). DON is known to elicit gastrointestinal disorders and immune suppression, whereas zearalenone creates estrogenic disturbances and shifts the immune response. For this reason, the Special Issue of *Toxins* will focus on the responses of different bodily systems in animals to various doses of DON or/and ZEN causing mycotoxicosis. We look forward to receiving your contributions for this Special Issue, in the form of original research, case studies, or review papers, shedding new light on DON and ZEN implications for disease developments in animals under realistic conditions.

Guest Editor

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Jay Fox
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