



## Zearalenone (ZEN) and Deoxynivalenol (DON) Mycotoxicosis

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### 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.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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