Special Issue

The Effect of Microbial Toxins on Animal Health and Food Safety

Message from the Guest Editors

There are several toxigenic bacteria which can infect animals. The toxins of toxigenic bacteria can cause several diseases, such as black leg, malignant edema, enterotoxaemia, sepsis, meningitis, pneumonia, tetanus, mastitis, etc., and even lead to the death of animals. Bacterial toxins can also affect the health of animals and reduce their production activities. Toxigenic foodborne bacteria such as Listeria monocytogens, Bacillus cereus, Clostridium perfringens, Escherichia coli O157:H7, Clostridium botulinum or Yersinia enterocolitica can also infect consumers and cause severe outbreaks. Certain toxins such as Botulinum toxin from Clostridium botulinum or Shiga-like toxins from Escherichia coli O157:H7 can also cause the death of consumers. Mycotoxins are secondary fungal metabolites, produced by several fungi species in a wide variety of foods and feeds around the world. Mycotoxins can affect the health and even cause the death of animals or humans.

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About the Journal

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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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