



## The Effect of Microbial Toxins on Animal Health and Food Safety

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### **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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## Editor-in-Chief

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## Message from the Editor-in-Chief

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