Special Issue

Botulism in a One Health Perspective

Message from the Guest Editor

Botulinum neurotoxins (BoNTs) are potent natural toxins that can affect both humans and animals and are produced by bacteria belonging to the genus *Clostridium*. Botulism arises either from intoxication caused by the ingestion of preformed toxin or from toxico-infection resulting from intestinal colonization or wound contamination by BoNT-producing Clostridia. The interaction between BoNT-producing Clostridia and the host is influenced by environmental factors, exposure pathways, dietary habits and host susceptibility. Limited knowledge exists on animal botulism occurrence and animal–human interactions, especially the potential of animals as carriers of BoNTs or BoNT-producing clostridia to humans, and whether products from botulism-affected food-producing animals pose public health risks. This Special Issue aims to advance knowledge on the epidemiology and distribution of animal botulism, compiling scientific evidence to elucidate the environmental-animal-human interplay of the disease under the One Health paradigm. Contributions exploring ecological and environmental determinants of botulism emergence, persistence, and transmission in animal hosts are particularly encouraged.

Guest Editor

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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

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