

Special Issue

Bacterial Toxins and Foodborne Diseases

Message from the Guest Editor

Bacterial toxin food poisoning outbreaks are one of the most common foodborne diseases worldwide. Two types of syndromes can be observed. In the first one, the outbreaks result from the ingestion of preformed toxins in food (emetic strains of *Bacillus cereus sensu lato*, coagulase-positive staphylococci, and *Clostridium botulinum*) whereas in the second, the ingestion of an enterotoxigenic bacteria leads to toxin production in the host (diarrheal strains of *Bacillus cereus sensu lato* and *Clostridium perfringens*). As symptoms are generally not sufficient to assign the causal agent, characterization of bacteria and toxins is challenging and remains critical to explain food poisoning events. This Special Issue “Bacterial Toxins and Foodborne Diseases” will focus on the toolbox used to properly characterize outbreaks. Authors are invited to propose their characterization scheme based on classical or molecular microbiology, immunological, as well as mass spectrometry-based methods.

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

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