

Special Issue

Mode of Action of Proteinaceous Toxins Produced by *Bacillus thuringiensis*

Message from the Guest Editor

Bacillus thuringiensis (Bt) produces a diversity of proteinaceous toxins, some of which are widely used for pest control in agriculture. The discovery of ABC transporters serving as receptors for Cry1A, Cry2A, and Cry3 toxins in the 2010s served as a breakthrough in research into mode of action of Cry toxin. However, we are still far from an essential understanding of how Cry toxins form pores in the insect cell membrane via interactions with receptors. With regard to the remaining ~70 classes of Cry toxins, Vip toxins, and other Bt toxins, their receptors have not been identified or more research is needed to determine the role of receptor candidates. The aim of this Special Issue is to provide seeds that will generate the next breakthrough in Bt research toward a complete understanding of the mode of action of Bt toxins. For that purpose, groundbreaking findings supported by a limited set of experiments are welcome. Negative results confirming or conflicting with previous reports are also welcome. Topics are not limited to receptor interaction but include the whole aspect of the mode of action. I look forward to your contribution.

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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