Special Issue

Cultured Cells as Models for Investigating Insecticidal Toxin Action

Message from the Guest Editor

This Special Issue will gather recent research on the uses of cultured cells for investigating insecticidal molecules. While genetic technologies for investigating toxin action in insects have advanced greatly, the handling of insects requires a range of skills and facilities. Cell lines can offset challenges of working in vivo with insects by serving as models for investigating interactions between toxins and affected cells. Investigated cytotoxic molecules could range from protein toxins to small venom peptides, to non-protein natural products. Studies using cultured cells and toxicants could yield insights into mechanisms of action and structure-activity relationships of known toxins, or the discovery of novel toxins. This Special Issue aims to become a reference for studies where cultured cells contribute to a better understanding of insecticidal molecules and their cellular interactions.

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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