

## Special Issue

# Chemical Toxicology and Insecticide Resistance on Insect Pests

### Message from the Guest Editors

Insect pests can cause significant quality and yield losses to crops and can potentially threaten nutrition, food safety, and human health. Insecticide application is a crucial factor in managing agricultural pest and vector populations that transmit diseases. A consequence of the repeated use of pesticides is the development of resistance to many pests, adverse effects on the environment, and the reduction in populations of natural enemies followed by the resurgence or secondary pest outbreaks. The scope of this Special Issue includes but is not limited to (i) insecticide resistance of pesticides and its management and (ii) the toxic effects of chemicals and their impact on the insect population and/or community level. We are particularly interested in manuscripts that include research articles, review articles, short communications, and opinion articles related to the extended topic of “Chemical Toxicology and Insecticide Resistance on Insect Pests”.

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### Guest Editors

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### Deadline for manuscript submissions

31 May 2025



## Insects

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 17 days after  
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