



insects



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From Insect Pheromones to Mating Disruption: Theory and Practice (Volume II)

Guest Editors:

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Deadline for manuscript submissions:

closed (15 June 2023)

Message from the Guest Editors

Dear Colleagues,

The study of insect chemical ecology is an interesting and important field of research. Pheromone-mediated mating disruption represents an effective and biocontrol technique to manage arthropod pests. Pheromone-mediated mating disruption relies on the release of synthetic sex pheromones from dispensers in agricultural settings, interfering with the mate finding and reproduction of a given pest through both competitive and non-competitive mechanisms. Despite many of successful applications, the use of MD is still restricted to a limited number of crop pests. However, its enormous potential warrants further investigation.

Considering the success of the earlier Special Issue "From Insect Pheromones to Mating Disruption: Theory and Practice", we are pleased to launch a second volume, welcoming laboratory and field studies on insect courtship, mating, chemical ecology, and the development and implementation of mating disruption strategies against economic pests. Both original research and reviews are considered for publication.

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Special Issue