



insects



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

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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.

Prof. Dr. Andrea Lucchi

Prof. Dr. Giovanni Benelli

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

Arthropods are a diverse and abundant group of animals that are important to a variety of research dictates. For example, hexapods act as bio-indicators of ecosystem function and pest status and serve as model systems for questions concerning physiology, embryology, genetics, and social interaction. The editorial board and staff at *Insects* is committed to providing contributors an open access forum to showcase objective and innovative research as well as succinct review articles. Our journal is dedicated to providing timely and thorough review of qualified submissions and we welcome you to submit a contribution.

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