

## Special Issue

# Chemical Communication in Insects: New Advances in IPM Strategies

### Message from the Guest Editors

Chemical communication in insects is a key feature for their survival since it mediates important behaviors, such as food-seeking, recruitment, recognition of congeners and mating, alarm, and territorial marking. Many of these processes are intraspecifically regulated by pheromones, which have become essential tools for monitoring and controlling agricultural pest populations due to their main features being species-specific, non-toxic to mammals and other beneficial organisms, active in minor amounts, and rapid degradation in the environment. For this Special Issue, we invite the submission of novel, high-quality research papers, case reports, and comprehensive reviews on all aspects of chemical communication in insects. In particular, the following subjects are welcomed: new insect pheromones, new methodologies and techniques in insect pheromone research, chemical ecology of new insect pests, invasive alien species, innovative pest control strategies, and new developments in IPM, among others.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 May 2023)



## Insects

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#### Editor-in-Chief

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