



## **Application of Semiochemicals and Molecular Signals in Pest Management**

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (30 December 2022)**

### **Message from the Guest Editors**

Dear Colleagues,

There has been a continual increase in the number of pests or harmful biology that represent problems in agricultural and forestry ecology systems.

The study of semiochemicals and molecular signals will allow for corresponding management and protection strategies. Studies regarding molecular signals will lay a foundation for the rapid advancement of gene control in the future.

We welcome novel research, reviews, and opinion pieces covering all related topics, including (1) chemical communication behavior in pests to agricultural and forestry systems or harmful biology; (2) the identification and characterization of semiochemicals derived from pests or harmful biology themselves (pheromones) and host plants, natural enemies, symbiotic fungi, bacteria volatiles, parasitic nematodes, rats, rabbits and destructive plants (allelochemicals) under laboratory conditions; (3) the field application of these semiochemicals; (4) molecular signal transmission mechanisms and screening; the characteristic and function verification of candidate genes or proteins with harmful biology in agricultural and forestry ecology systems.





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## Message from the Editor-in-Chief

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