



## Green Insect Control: The Potential Impact of Plant Essential Oils

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### Message from the Guest Editors

Dear Colleagues,

The search for innovative and safe bioinsecticides is continuously growing. Indeed, the risks associated with the use of conventional insecticides triggered interest in developing sustainable alternatives for insect control. In this context, plant essential oils (EOs) are gaining a substantial traction as potential novel bioinsecticides. Their range of application has recently expanded to phytopharmaceuticals as well as in foods and beverages. EOs have already demonstrated potential in the management of noxious insects. Moreover, they boast relative safety to human health and non-target organisms, low persistence in the environment, multiple modes of action, and often broad availability. EOs for insect control as well as the development of formulative tools for their correct application are still under investigation. This Special Issue of *Plants* will focus on the insecticidal properties of plant EOs, their extraction, chemical characterization, and safety. Furthermore, it will focus on the development of innovative formulative systems of EOs to be employed for insect control strategies, analyzing the real-world future applications of these plant-derived products.





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## Message from the Editor-in-Chief

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