



insects



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Insect Vectors of Plant Diseases

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Message from the Guest Editors

Dear Colleagues,

Viruses, bacteria, and phytoplasmas are responsible for several economically important plant diseases. Many of these pathogens are transmitted by insect vectors, mainly belonging to the orders Hemiptera (Fulgoromorpha and Cicadomorpha) and Thysanoptera, and rarely by species belonging to the order Coleoptera. Knowledge of the different biological aspects of these insects, as well as the mechanisms underlying plant–vector–pathogen relationships, is of fundamental importance to the implementation of appropriate and effective measures to control plant diseases. This Special Issue aims to address the biology, ecology, genetics, pathogen transmission, behavior, systematics, and phylogenetics of insect vectors. In addition, special attention will be given to molecular tools in the study of vector insects, and to new sustainable measures to be employed in the control of these insects.

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Special Issue