

Special Issue

Insect Vectors of Plant Diseases

Message from the Guest Editors

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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Message from the Editor-in-Chief

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

