



insects



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Plant Resistance Against Plant Viruses and Pests

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Message from the Guest Editors

Dear Colleagues,

Pest insects do not only cause direct damage to plants by the withdrawal of nutrients but are also able to transmit viruses causing severe diseases in plants, e.g. affecting yield amount and quality. For a long time, the control of significant insect pests and plant viruses relied on the use of insecticides. Due to efforts to reduce the amount of pesticides applied, e.g. by banning the use, it is necessary to place other components of integrated pest management in the focus. Plant resistance to insects and viruses is one of these components. Here we give an overview of recent advances in this field with a focus on the identification of resistance genes, molecular mechanisms of resistance, phenotyping of resistance and the tritrophic interaction between viruses, their vectors and host plants.



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Special *issue*



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Message from the Editor-in-Chief

Arthropods are a diverse and abundant group of animals that are important to a variety of research dictates. For example, hexapods act as bio-indicators of ecosystem function and pest status and serve as model systems for questions concerning physiology, embryology, genetics, and social interaction. The editorial board and staff at *Insects* is committed to providing contributors an open access forum to showcase objective and innovative research as well as succinct review articles. Our journal is dedicated to providing timely and thorough review of qualified submissions and we welcome you to submit a contribution.

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