

Special Issue

Plant Virus-Aphid Relationships

Message from the Guest Editor

Aphids are the major vectors of plant viruses worldwide. Aphid-transmitted viruses cause severe epidemics and heavy yield losses for vegetables and fruit crops. Studies on the epidemiology of aphid-transmitted plant viruses are essential to manage and limit their spread. This Special Issue will focus on studies on aphid-plant-virus interactions, including studies on how plant viruses may modulate aphid ecology and behaviour. Multi-trophic interactions between aphids, viruses, plants and the environment will also be included in the scope of this Issue. We will cover studies on the impact of abiotic stresses (e.g., temperature, CO₂, water stress, UV radiation) on aphids, viruses and their host plants, and how they adapt to a changing climate. Field studies on the epidemiology and management of aphid-transmitted viruses will also be included in this Special Issue.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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