

Special Issue

Recent Advances in Plant Viruses and Disease Management: From Lab to Field

Message from the Guest Editor

Plant viruses are tiny infectious agents that cause serious yield and quality losses of economic crops and vegetables. To establish effective and sustainable means of controlling viral diseases, greater attention has been paid to not only field management but also bench studies of plant viruses. Nevertheless, we are still far from completely defeating plant viruses due to a lack of comprehensive knowledge. Unpredictable mutations of the viral genome during replication under different environmental stress may also help viruses to evade the host immune system or become more tolerant to the antiviral strategies that are currently working. Therefore, ongoing research has the potential to be applied to control plant viral diseases in the future. This Special Issue invites the latest research, including the field application of already-established antiviral measures and new discoveries about plant viruses, with topics such as evolution, viral infection cycle, plant–virus interaction, plant–virus–insect vector interaction, etc., which will be useful for future viral disease management. All types of articles, like original research, opinions, and reviews, are welcomed.

Guest Editor

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Deadline for manuscript submissions

closed (15 January 2024)



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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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