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Effects of Small RNA on Plant-Pathogen Interactions

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Message from the Guest Editors

Small RNAs play fundamental roles in a broad range of plant life activities, including plant–pathogen interactions. Small interfering RNAs (siRNAs) derived from invading viruses mediate direct silencing of viral gene expression and function as a natural antiviral defense mechanism. In this Special Issue, we welcome submissions that illustrate new insights into the effects of small RNAs on plant–pathogen interactions, as well as engineering of disease-resistant crops based on small-RNA-mediated mechanisms. Comprehensive literature reviews are also welcomed to discuss the current status and future directions in a specific topic of plant–pathogen interactions, emphasizing the role of small RNAs.



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Special Issue



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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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