



plants



an Open Access Journal by MDPI

Effects of Small RNA on Plant-Pathogen Interactions

Guest Editors:

Prof. Dr. Feng Li

College of Horticultural Sciences
and Forestry, Huazhong
Agricultural University, Wuhan
430070, China

Prof. Dr. Yongli Qiao

College of Life Sciences,
Shanghai Normal University,
Shanghai 200233, China

Deadline for manuscript
submissions:

closed (31 December 2023)

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.



mdpi.com/si/93380

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Plant Sciences*) / CiteScore - Q1 (*Plant Science*)

Contact Us

Plants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)