

## Special Issue

# Molecular Basis of Disease Resistance in Plants

### Message from the Guest Editor

The associations between plants and pathogens are important for plant productivity and breeding strategies. Traditional breeding has allowed the introduction of resistance in plant cultivars and varieties, but new technologies are opening the way for accelerating the development of novel breeding strategies (e.g., omic technologies). A system-based view of plant defense mechanisms and the strategies used by pathogens for plant colonization are essential to target key players that can be modified toward better understanding gene function and increasing host resistance. In this Special Issue, we welcome articles (original research papers, perspectives, reviews, methods) in cell biology, molecular biology, omics (genomics, transcriptomics, proteomics, metabolomics), genetics, and physiology aimed at understanding the interactions between plants and pathogens and/or providing strategies for plant breeding or improving pathogen characterization and diagnostics.

### Guest Editor

Dr. Leonardo Miguel Galindo-González  
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### Deadline for manuscript submissions

closed (30 June 2023)



## Plants

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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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### Editor-in-Chief

Prof. Dr. Dilantha Fernando

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