Special Issue

Interactions between Crops and Obligate Plant Pathogenic Parasites

Message from the Guest Editor

Obligate plant pathogenic parasites represent a major restrictive factor in agriculture production and cause huge annual yield losses globally. Applied and basic research efforts have focused on, and made great progress in, identifying effective infection control practices to minimize the spread of pathogenic parasites, and reduce the damage they cause, such as nematodes, viruses, bacteria and fungi. These research efforts have also aimed to dissect the molecular mechanisms underlying the interactions between pathogenic parasites and host plants, to identify resistant targets for infection prevention at the genome, transcriptome, proteome, metabolome, etc., levels.

Guest Editor

Prof. Dr. Shiming Liu

Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing 100193, China

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Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34

mdpi.com/journal/plants

plants@mdpi.com





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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.

Editor-in-Chief

Prof. Dr. Dilantha Fernando

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

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