



Advances of Plants-Pathogen Interaction

Guest Editor:

Prof. Dr. Fucheng Lin

College of Agriculture and
Biotechnology, Zhejiang
University, Hangzhou 310058,
China

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Message from the Guest Editor

Dear Colleagues,

Throughout their life cycles, plants are facing challenges from various pathogens such as fungi, bacteria and viruses. Plant diseases have brought serious economic losses to agricultural systems and production. Understanding how the pathogens adopt adaptive mechanisms to infection on plant hosts and how the plants develop diverse of resistance/susceptibility mechanisms to beat back the pathogens will provide basal scientific support for better prevention and control of the plant diseases.

This special issue mainly involves:

1. the pathogenic mechanism of pathogens
2. the molecular evolution, ecology and interaction mechanism of plants to microorganisms (such as bacteria, fungi, oomycetes and viruses), nematodes and insects.
3. the epigenetics in the interaction of plants and plant pathogens
4. the influence of pathogens on plant development and immune response at molecular and cellular levels.
5. the environmental regulation of the interaction of plants and plant pathogens.

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Guest Editor



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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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