

Special Issue

Plant–Microbe Interaction

Message from the Guest Editor

Effector proteins are secreted by a variety of pathogens including plant pests. Dozens of such effector proteins produced in different parasitic species have been identified. Published reports confirm that effector proteins, delivered to the infection site, target distinct cellular compartments such as nuclei, cytoplasm and the apoplast, where they execute virulence functions by interacting with host factors. Evidence of host proteins being targeted by effectors to perform virulence functions has been well documented. Although the discovery of effector-interacting host proteins has shed light on the intricate molecular interactions between the host and pathogens, we are still at an early stage of understanding this complex phenomenon, as many of the effectors remain uncharacterized and without predicted functions. Therefore, the study of these key elements of infection process remain very actual.

Guest Editor

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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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