Special Issue

The Role of Abscisic Acid in Plant–Pathogen Interactions

Message from the Guest Editors

Abscisic acid (ABA) is a phytohormone with well-established roles in plant development and stress responses. That ABA plays a role in mediating biotic interactions with plant pathogens was first reported roughly 20 years after its discovery. Since then, a modest array of studies has expanded on this, looking at the effects of ABA biosynthetic inhibitors, as well as ABA–biosynthetic and –signaling deficient mutants, on susceptibility and resistance across various plant–pathogen interactions. To better understand the role of ABA in plant–pathogen interactions and the mechanisms underlying its differential activities in this area, we emphasize the need for significantly more research in this field. In this Special Issue, articles that focus on the role of ABA in mediating plant–pathogen interactions, including aspects related to its biosynthesis, catabolism, cross-talk, and physiological effects from the perspective of both plant and pathogen, comprising transcriptomic, proteomic, metabolomic and epigenomic, biochemical, chemical genetic, whole plant studies, field trials, and agronomics, are requested for submission.

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Deadline for manuscript submissions

closed (1 June 2020)

Plants

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed

mdpi.com/si/30092

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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

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