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The Role of Abscisic Acid in Plant-Pathogen Interactions

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Deadline for manuscript submissions:

closed (1 June 2020)

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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Editor-in-Chief

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Message from the Editor-in-Chief

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