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Plant Defense against Pathogens and Herbivores

Guest Editor:

Message from the Guest Editor

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Deadline for manuscript submissions: closed (31 December 2021)

Dear Colleagues,

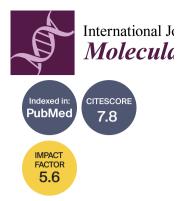
Research on elicitor recognition, signaling, gene regulation, mode of action of defense chemicals/proteins and the tugof-war between plants and its natural enemies has been at the frontier over the past several decades in modern plant biology, which has greatly enriched our understanding of the molecular basis of effective plant defense.

We invite investigators to submit both original research and review articles that explore all the aspects of the plant defense against pathogens and herbivores. Potential topics include, but are not limited to:

- Elicitor recognition
- Defense signaling
- Local and systemic plant defense mechanisms
- Induction and memory of plant defense mechanisms
- Genetic and epigenetic regulation of plant defense
- Gene expression associated with plant defense responses
- Defense priming
- Chemical defense
- Plant surface and cell wall defense
- Mode of action of defense-related chemicals and proteins
- Counter-defense mechanisms by pathogens and herbivores
- Genetic engineering of plant defense
- Plant defense and fitness tradeoff



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Editor-in-Chief

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Message from the Editor-in-Chief

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