

## Special Issue

# Molecular Mechanism of Plant Defense against Pathogens

### Message from the Guest Editors

Revealing the molecular mechanisms of plant–pathogen interactions, covering pathogenicity and plant resistance, is critical for developing novel strategies for efficiently controlling plant diseases. Through delivering proteins, toxins, small RNAs, or other molecules to their hosts, pathogens often suppress or destroy plant immunity. In turn, plants evolve to employ a two-layer surveillance system including PTI and ETI to recognize specific pathogen molecules and establish defenses. In the frame, the molecular function of components involving in pathogen recognition, signaling transduction and downstream executing have been dissected over the past 20 years. The aim of this Special Issue is to present the latest research on these molecular mechanisms to deepen our understanding of plant defenses, as well as strategies for controlling the causal pathogens. This Special Issue highlights the intricate assembling of the plant immune system and its connections with plant physiology and development, and we hope that this Special Issue will spark new ideas for scientists in the field of plant pathology research.

### Guest Editors

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### Deadline for manuscript submissions

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