



## Advances in Plant-Microbe Interactions Using Metabolomics Approaches

Guest Editor:

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Deadline for  
manuscript submissions:  
**31 July 2021**

### Message from the Guest Editor

In nature, plants and microbes interact establishing complex relationships not necessarily negative for the plant. Deciphering how plants respond to a pathogen attack or beneficial microbe colonization, as well as how microorganisms establish symbiotic rather than pathogenic interactions with their hosts is a major challenge for the development of novel plant protection strategies. Metabolomic analysis may greatly contribute to elucidating which pathways are involved in plant response to biotic and abiotic stimuli. Moreover, the identification of plant/microbial signaling compounds may have important implications in drug discovery and the development of novel bioformulations.

The topics covered by this Special Issue will include but are not limited to the following: identification of metabolites involved in plant-microbe (P-M) interactions, possibly in relation to other omics technologies; application of metabolomic methods used to analyze symbiotic rather than pathogenic P-M interactions; targeted and untargeted metabolite profiling data analysis involved in plant resistance to stresses or in pathogen virulence; biomarker discovery for taxonomic studies; metabolite profiling for epidemiological studies. Manuscripts dealing with other pertinent challenging issues are also highly desired.

The Special Issue is open for submission now. A proper extension may be granted. Please kindly let us know in advance if you plan to make a submission. Accepted papers will be published continuously in the journal and will be listed together on the Special Issue website.

