

Special Issue

Genetics and Mapping of Plant Disease Resistance

Message from the Guest Editors

The use of resistant plant varieties is among the most efficient, environmentally friendly approaches to controlling losses caused by biotic stresses. Once a resistance source is available, the analysis of the genetic control and mapping of the genomic regions associated with the resistance provide essential information. On one hand, molecular markers can be implemented for their use in breeding programs for the introgression of this resistance in commercial genetic backgrounds. On the other hand, fine mapping allows the identification of candidate genes responsible for the resistance. This Special Issue will deal with the different aspects involved in this entire process, from the identification of the genetic control to the determination of candidate genes in different plant species and against a variety of biotic stresses. You are invited to submit research articles, review articles, as well as short communications covering these research areas for this Special Issue.

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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.

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