

## Special Issue

# Genetic Basis and Molecular Mechanism of Plant Immunity

### Message from the Guest Editors

Plant growth and development can be threatened by a variety of phytopathogens. In the long-term process of interactions between phytopathogens and their hosts, plants have evolved a complex network of molecular mechanisms that enable the detection of pathogenic threats, the activation of defense responses, and the regulation of immune pathways. Better understanding of the genetic basis and molecular mechanisms of plants in response to phytopathogens and of the interactions between phytopathogens and their hosts is pivotal for enhancing disease resistance. This Special Issue, “Genetic Basis and Molecular Mechanism of Plant Immunity”, published in the journal *Genes*, aims to publish high-quality original research articles and comprehensive reviews uncovering the regulatory pathways involved in plant immune responses, as well as interaction mechanisms between phytopathogens and their hosts.

### Guest Editors

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### Deadline for manuscript submissions

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## Genes

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### Message from the Editor-in-Chief

*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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