



Genomic Approaches to Understand Crop Response to Biotic and Abiotic Stress

Guest Editors:

Dr. Carmen Santos

Instituto de Tecnologia Química
e Biológica António Xavier,
Universidade Nova de Lisboa, Av.
Da República, 2780-157 Oeiras,
Portugal

Dr. Susana T. Leitão

Instituto de Tecnologia Química
e Biológica António Xavier,
Universidade Nova de Lisboa, Av.
da República, 2780-157 Oeiras,
Portugal

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Message from the Guest Editors

The development and identification of climate-resilient and high-yield crop varieties with enhanced tolerance to biotic and abiotic stresses is crucial for more sustainable agriculture. The progress of genomic technologies and tools has enabled a better understanding of the genetic bases and biochemical mechanisms behind plant responses to biotic and abiotic stresses. These pieces of knowledge and tools will accelerate crop breeding programs to enhance their yields as well as resilience against such stresses.

This Special Issue focuses on genomic approaches and tools that use advanced technology to study plant responses to biotic and abiotic stress conditions. We welcome original contributions on the identification of genomic regions, genes, and haplotypes associated with plant stress resistance, the development of genomic tools, and the deployment of genomic-assisted breeding approaches for the introgression of resistant genes in breeding programs.





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Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

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Agriculture Editorial Office
MDPI, Grosspeteranlage 5
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