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The Role of Salicylic Acid in Mitigating Plant Stress and Its Application in Agriculture

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Salicylic acid (SA) is one of the most fascinating plant hormones, and is involved in several stress responses in plants. As our knowledge of SA receptor and signaling pathways is increasing, more information could help us to efficiently use this compound in different manners to mitigate plant stress responses. Increasing evidence indicates that SA could be an efficient growth regulator or biostimulant by adjusting secondary metabolites or promoting antioxidant defense mechanisms in plants suffering different stress conditions during extreme climate change. The comparison of two or more genotypes with different SA content is also welcome in this Issue. This Special Issue focuses on the role of SA in mitigating abiotic-stress-induced injuries in plants and gathering supporting information about SA-mediated protective mechanisms in many crop species in agriculture. New SA application modes could elucidate new strategies for increasing the climate resilience of our crops in order to achieve a sustainable agriculture industry.

This Special Issue welcomes the submissions on topics related to SA-mediated stress responses and the efficient application of SA in agriculture.



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Special Issue



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Message from the Editor-in-Chief

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