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Applications and Challenges of ‘Omics’ Technologies for Generation of Climate-Resilient Crop Varieties II

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Message from the Guest Editors

‘Omics’ include a suite of technologies, viz. genomics, transcriptomics, metabolomics, proteomics and phenomics, the application of which is bringing about a revolution in crop and agricultural sciences. Omics technologies are leading to significant advances in our understanding of biological mechanisms underpinning stress tolerance and resilience in many crops. We aim to have a compilation of research articles where ‘omics’ technologies have been utilized to further deepen our understanding of the biological mechanisms underpinning stress resilience or for the genetic improvement of an important agronomic trait in crops. Review articles are also welcomed, highlighting the applications, challenges, and future perspectives of ‘omics’ technologies for crop improvement.



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Message from the Editor-in-Chief

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