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Research Advances in Plant Genomics

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Deadline for manuscript submissions:

closed (20 September 2021)

Message from the Guest Editors

Plants genomics has demonstrated interesting insights into the mechanisms associated with growth, development, and stress responses and can be exploited for the achievement of the aforementioned traits by genetic changes.

This Research Topic aims to collect recent advances emphasizing the role of genomics in the selection and improvement of crop traits to meet the food requirements of the future. This Special Issue on plant genomics welcomes submissions of original research, reviews, or perspective articles addressing current technical advances in plant genomics aimed at connecting plant physiological processes with gene expression dynamics during growth and development of the plant, flowering and grain filling, and abiotic and biotic stresses.

Manuscripts highlighting the use of comparative genome analysis, transcriptomics, small RNAs, and other novel coding and noncoding RNAs in plant research and describing future challenges are also welcome. Manuscripts utilizing advanced bioinformatics tools and databases toward enhancing the capabilities of existing plant genomics approaches for a better understanding of plant development are also encouraged for submission.



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Special Issue



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Message from the Editor-in-Chief

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