

Special Issue

Growing Up: A New Era of Plant Genome and Pangenome Resources

Message from the Guest Editors

Genome sequencing has become relatively inexpensive and it is more accessible than ever. Simultaneously, bioinformatic tools for genome assembly and gene annotation have continued to improve. Consequently, more genome resources have become available for minor and specialty crops. Pangenomes are being developed for many crop species and genera, and are being utilized for assessments of diversity and the improvement of crops. This Special Issue aims to provide an overview of emerging and expanding crop genome and pangenome resources. Submissions may address major crop species including trees, as well as minor or specialty crops, including ornamental plants and medicinal herbs. Studies offering genome updates announcing improvements to existing resources, such as chromosome scaffolding and haplotype phasing, are also welcome. Studies may also focus on the genome resources employed for the development of molecular markers in plant breeding programs, such as allelic diversity related to disease and pest resistance. Comparative genomics-based studies of diversity within a species or across species are also welcome.

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Deadline for manuscript submissions

closed (25 September 2024)

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About the Journal

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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