

Special Issue

Assembly and Phasing of Complex Genomes in Plant

Message from the Guest Editors

The journal *Plants* is going to publish a Special Issue of “Assembly and phasing of complex genomes in Plant”. Most genome sequencing projects have released mosaic assemblies with a mix of alleles from different parents. Nevertheless, genomes of organisms are phased in the nucleus, and traditional assembly strategies fail to take into account allelic variation, which is crucial and leads to phenotypic outcomes. Plant genome studies have shown the importance of haplotype-resolved genome assembly for tackling complex biological questions including mechanisms of genome evolution, heterosis, and phenotypic variation. We intend to cover a wide range of haplotype-resolved genome assemblies in this special issue. This special issue will also highlight new technologies or methods in this area.

Guest Editors

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Prof. Dr. Xuepeng Sun

Prof. Dr. Won C. Yim

Deadline for manuscript submissions

closed (20 December 2022)



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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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