

## Special Issue

# Study on Organellar Genomes of Vascular Plants

### Message from the Guest Editor

Plant organellar genomes, mitochondrial DNA, and chloroplast DNA are key carriers of genetic information. Chloroplast genomes were the first to be sequenced and described in plants and are essential for photosynthesis and other biosynthetic activities. Studies of chloroplast genomes have demonstrated their variability at the species level, and their polymorphic intergenic regions are now widely used in studies of phylogenetics, phylogeography, and molecular evolution. Mitochondrial genomes are central to energy production, they are well known for their very large size and have many unique features that distinguish them from animal mitogenomes. This variation is attributable to frequent recombination, horizontal gene transfer, and gene loss. The research on these genomes has been propelled by advancements in sequencing technologies, which have provided deeper insights into their structure and evolution. These studies are crucial for understanding plant biology. This Special Issue aims to explore the latest advances in research on the topic. We welcome submissions of both original research and review articles.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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