

Special Issue

Plant Plastid Genome

Message from the Guest Editor

The plastid genome has long been utilized as a phylogenetic tool, and the widespread sequencing projects this work spawned have led to the availability of a large database of complete genome sequences. One result is that the plastid is an excellent model for studies of genome evolution at both sequence and structural levels. Work has also extended beyond just phylogenetic applications, with an increasing use of the plastid in the analysis of gene expression and regulation, including aspects of coordinating regulation between the nuclear and plastid genomes, and in molecular mechanisms such as DNA replication and applications in bioengineering. This issue will bring together work on plastid gene regulation, using such tools as epigenome and transcriptome analyses, chromosome replication, plastid bioengineering, genome structure, molecular evolution, and phylogenetic applications of the plastid genome from plants and algae.

We are inviting original research papers and short communications including summaries of databases of plastid gene expression and regulation. Reviews should be proposed by submitting a title/abstract to the before 1 August 2022.

Guest Editor

Prof. Dr. Brian R. Morton
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Deadline for manuscript submissions

closed (20 October 2023)

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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?

Editor-in-Chief

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