

Special Issue

Advances in Plant Evolutionary Genomics

Message from the Guest Editor

Plant evolutionary genomics has entered a transformative era, driven by the rapid accumulation of genome-scale data and the development of advanced analytical methods. This Special Issue aims to showcase recent advances in understanding the genetic mechanisms underlying plant evolution, adaptation, and diversification. We welcome studies that employ comparative genomics, phylogenomics, population genomics, and evolutionary developmental biology approaches to explore topics such as gene family evolution, genome structure variation, adaptation to environmental changes, and the genetic basis of phenotypic diversity. By integrating multi-omics data and evolutionary frameworks, this collection will provide new insights into how plants evolve and adapt in changing environments. Both original research and comprehensive reviews are encouraged.

Guest Editor

Dr. Hui Wang

College of Life Sciences, Northwest A&F University, Yangling 712100, China

Deadline for manuscript submissions

20 November 2026

G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/276217

Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 5.9
Indexed in PubMed



[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



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?

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Experimental Cancer Therapeutics, The University of Alabama at
Birmingham, 1825 University Blvd., SHEL 814, Birmingham, AL 35294-
2182, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank:

JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))