

Special Issue

Advances in Rice Genetics and Breeding

Message from the Guest Editor

Rice is one of the important crops in the world as the main staple food for more than half of the world's population. Recently, a lot of progress were archived in rice genetic research especially with accumulation of genomic data. The benefit of the accumulated knowledge from the genomic study will accelerate the rate of genetic gain through applying modern breeding approaches assisted by genomic database. Innovative breeding strategies with various tools such as genomics molecular biology have begun to emerge in rice breeding program to boost rice breeding efficiency.

This Special Issue is a collection of articles presenting novel and international research in rice genetics, breeding, and genomics including transcriptomics and proteomics. Manuscripts on the following topics will be considered for publication and are encouraged: GWAS, developing rand evaluation of rice lines, MAS and related strategies applied in rice breeding, developing genetic markers for agronomic trats, evaluating various traits and genetic structure with rice germplasm, and biotechnology for creating variation on agronomic traits.

Guest Editor

Dr. Joohyun Lee

Department of Crop Science, Konkuk University, Seoul, Korea

Deadline for manuscript submissions

closed (15 September 2021)

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

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



mdpi.com/si/74626

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 2.8
CiteScore 5.5
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
Department of Pathology, 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))