

Special Issue

Plant Genomics 2019

Message from the Guest Editor

Genomics is a fast-evolving field of genetics and molecular biology, focusing on the structure, function, evolution, mapping, editing of genomes, and applications in breeding. Recent development of sequencing technologies and advances in bioinformatics tools have substantially enhanced our ability to analyze and understand genomes and the relationship between genotype and phenotype. The purpose of this Special Issue is to report the recent progress achieved in genomics studies in plants. This includes, but is not limited to, genetic and physical mapping, genome sequencing, genome structure and organization, genome assembly, gene prediction, comparative genomics, genome evolution, gene editing, exome sequencing, RNA sequencing, expression profiling, the functions of specific genes, protein-protein interaction, pathways, epigenomics, SNP discovery, genome-wide association studies, and genomic selection or prediction. The bioinformatics tools and databases assisting genomic data analyses are also welcomed.

Guest Editor

Dr. Frank M. You

Ottawa Research and Development Centre, Agriculture and Agri-Food
Canada, Ottawa, ON, Canada

Deadline for manuscript submissions

closed (30 June 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/24495

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, PMC, MEDLINE, Embase, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)