



Plant Genomics 2019

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)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI