

## Special Issue

# Power Up Plant Genetic Research with Genomic Data

### Message from the Guest Editors

Dear colleagues, With the advances in sequencing technology, the building of high-quality genomes and the sequencing of huge populations of plants are no longer technologically challenging, nor resource intensive. Epigenomics, transcriptomics, proteomics, metabolomics, and phenomics have also made significant advances in recently years, creating more opportunities in plant genomic research. Although the generation of genome sequencing data is no longer a limitation, there are a vast volume of genomic data deposited in public databases. Diving into the sea of genomic data to generate new knowledge has become the next challenge in the genomic era. Each plant genome is made up of hundreds of millions to trillions of bases, which each contain tens of thousands of genes and numerous non-coding elements. Currently, only a tiny fraction of the plant genome is being characterized, even in the model plant *Arabidopsis*. In this Special Issue, we would like to invite dedicated scientists to submit their recent research and review articles on plant genomics and genetics with the support of molecular biology and biotechnology.

### Guest Editors

Prof. Dr. Hon-Ming Lam

Dr. Sachiko Isobe

Dr. Man-Wah Li

### Deadline for manuscript submissions

closed (15 January 2023)



## International Journal of Molecular Sciences

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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.

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### Editor-in-Chief

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