

Special Issue

Biotechnology and Crop Breeding

Message from the Guest Editors

Biotechnology is a fast-developing field of genetics, molecular biology, biochemistry and cellular biology, focusing on gene engineering, cell engineering, enzyme engineering and fermentation engineering. Recent development of biotechnologies and advances in crop breeding have facilitated the cultivation of many varieties with high yield, multiple resistance and good quality. The purpose of this Special Issue is to report the recent progress achieved in biotechnologies and crop breeding. This includes, but is not limited to, plant transformation, genome editing, genetic modification, genome sequencing, gene synthesis, bioinformatics, genetic mapping, SNP discovery, quantitative trait loci analysis, genome-wide association study, genomic selection or prediction, molecular-assisted selection and plant molecular farming. Manuscripts can be in the form of original research articles or reviews. We believe your contribution will have a significant influence on future biotechnology utilization in crop breeding.

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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.

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