

## Special Issue

# The Contribution of Genetics and Genomics to Crop Breeding for Quantitative/Qualitative Traits

### Message from the Guest Editors

In the last several decades, next-generation sequencing approaches underwent rapid progress and became more affordable. This promoted a revolution in breeding, from the use of molecular markers to map genetic determinants of agronomic traits and assist in their selection, to the employment of new advanced breeding techniques based on cisgenesis and genome editing. The purpose of this Special Issue is to report the recent progress achieved in genomics studies in crops. This includes, but is not limited to, mapping, including through genome-wide association studies, studies on sequencing, structure and organization of crop genomes, gene functional studies, and advanced methods in breeding, including genome editing and genomic selection.

Dr. Daniela Marone

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### Guest Editors

Dr. Anna M. Mastrangelo

Dr. Maria Anna Russo

Dr. Daniela Marone

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### Deadline for manuscript submissions

closed (20 November 2024)



## 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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