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Genetic Breeding of Ornamental Crops

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Message from the Guest Editors

Ornamental crops, such as roses, chrysanthemums, lilies, orchids and tulips, have positive effects on our health and also bring considerable economic benefits, but their quality and yield are largely influenced by the limitations of breeding technology. Developing efficient breeding techniques, improving the agronomic traits (flower shapes, colours, sizes, fragrances, etc.) of ornamental crops and enhancing their resistance to biotic (fungi, viruses, bacteria, insects, etc.) and abiotic (temperatures, drought, salinity, etc.) stresses have been hot research topics in recent years. Therefore, this Special Issue invites research articles, reviews, and short communications that include, but are not limited to, the following: interspecific hybridization, ploidy breeding, mutation breeding, genomic selection, marker-assisted selection, transgenic technology, gene editing, and gene function.

Deadline for manuscript submissions:

closed (10 December 2023)



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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