Special Issue

Cruciferous Vegetables: The New Era of Vegetable Improvement

Message from the Guest Editors

Cruciferous vegetables comprises of many economically important crops, such as cabbage, broccoli, Chinese cabbage, mustard and radish, widely cultivated in the world.

In recent years, with the progresses in sequencing technologies, bioinformatics and biotechnologies, breeding in Cruciferous vegetables has considerable improved. Molecular breeding techniques, including molecular marker-assisted selection and genomic selection genomic selection, enables precise genetic elevation, prediction and selection in plant germplasm and breeding populations, thus significantly reduces the breeding cycle time. In addition, CRISPR/Cas genome editing tools, enables oriented improvement of breeding lines. Distant hybridization facilitates the introgression of desirable genes. Haploid induction methods, accelerate the homogeneity of breeding materials.

This Special Issue, " Cruciferous Vegetables: The New Era of Vegetable Improvement", invites contributions on molecular genetics and biotechnologies, such as mapping/isolation of important genes, application of biotechnology tools and molecular evaluation of germplasm, to improve Cruciferous vegetables.

Guest Editors

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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