

Special Issue

Cruciferae Plant Breeding and Cultivation Management

Message from the Guest Editors

Cruciferae plants include a number of economically important edible vegetable, oilseed and wild germplasm. Plants with higher abiotic stress tolerance, disease and pest resistance and of higher quality have long been a goal of plant breeders. However, the elimination of wild germplasm and landraces leads to the loss of disease resistance and quality genes.

For this Special Issue, we particularly invite studies that take a holistic view on classical and biotechnological breeding. We likewise invite fundamental studies investigating the effects of plant characteristics on a comprehensive scale, and studies of wild crop relatives aiming at increasing crop gene pools.

This Special Issue will include essentially any methodology and scale, from macroscopic crop features, classic agronomy and genetics to the entire range of molecular genetics, biochemistry and omics methods, as well as any kind of genetic modification, genome editing or systematic use of random mutant libraries and the cultivation management of Cruciferae plants.

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