

Special Issue

Genetics and Genomics of the Brassicaceae

Message from the Guest Editors

Brassicaceae is a diverse family of angiosperms containing 338 genera and 3709 species, including the model plant *Arabidopsis thaliana*. The genus *Brassica* includes many economically important crops providing nutrition as well as health-promoting substances.

Brassica rapa L. including Chinese cabbage, pak choi, and turnip, and *Brassica oleracea* L., including cabbage, broccoli, cauliflower, and kohlrabi, show extreme morphological divergence due to selection by the plant breeders. Most cultivars of the *Brassica* vegetables are F1 hybrids, and a breeding system was successfully established by effectively applying the phenomenon of heterosis/hybrid vigor, cytoplasmic male sterility, or self-incompatibility. *Brassica napus* comprises important oil seed crops, such as canola or rapeseed.

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Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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