Special Issue

Molecular Genetics of Important Traits in Cruciferous Vegetables

Message from the Guest Editors

Cruciferous vegetables include several species cultivated worldwide and play an important role in our daily diet. Commonly known cruciferous vegetables include Chinese cabbage, pak-choi, cabbage, broccoli, cauliflower, radish, kale, mustard, turnip, kohlrabi rutabaga, and so on, with extensive morphological and nutrient variation. Recent advances in genomic sequencing, molecular biological technologies, omics application, and gene editing have allowed the investigation of the genetic basis involved in various important traits such as leafy heading, leaf color, root/stem enlarging, florescence heading, metabolites biosynthesis, and so on. In this Special Issue, we hope to focus on important agronomic traits, such as resistance, high quality, high yield, and good plant architecture in cruciferous vegetables. We cordially invite researchers to submit articles to this Special Issue with recent outstanding achievements in high-efficiency breeding technologies, germplasm innovation and evaluation, gene clone and functional analysis, molecular mechanism of important traits, and multi-omics analysis. Reviews will also be welcome with new insights and opinions.

Guest Editors

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Deadline for manuscript submissions

closed (10 July 2024)

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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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Editor-in-Chief

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