Special Issue

Advances in Gene Regulation and Genetic Improvement of Fruit Trees

Message from the Guest Editors

This Special Issue titled "Advances in Gene Regulation and Genetic Improvement of Fruit Trees" aims to explore the latest developments and advancements in gene regulation techniques and genetic improvement strategies specifically focused on fruit trees.

This Special Issue invites researchers and experts in the field to contribute their original research articles, reviews, and perspectives on topics such as gene regulation, genetic engineering, and breeding techniques applied to fruit trees. The articles featured in this Special Issue will cover a wide range of fruit tree species, including but not limited to apples, pears, peaches, grapes, oranges, and cherries. They will delve into the molecular mechanisms involved in gene regulation, exploring how specific genes impact fruit quality, yield, disease resistance, and other desirable traits. Additionally, advancements in genetic engineering techniques, such as CRISPR/Cas9, and their potential applications in fruit tree improvement will be discussed.

Overall, this Special Issue will serve as a valuable resource for the field of fruit tree genetics and breeding and will contribute to enhancing fruit tree productivity and quality.

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2024)

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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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