

## Special Issue

# Advancements in Genetic Research and Breeding of Sugar Crops

### Message from the Guest Editor

Sugar crops, including sugarcane and sugar beet, play a crucial role in the global sugar industry. They are not only vital for food security, but also serve as important sources for bioenergy production. This Special Issue aims to provide a comprehensive and cutting-edge platform for researchers, breeders, and industry professionals to share their latest findings, innovative approaches, and practical experiences in the genetic research and breeding of sugar crops. The primary aim of this Special Issue is to highlight the most recent and significant advancements in the genetic research and breeding of sugar crops. We seek to bring together a collection of high-quality research articles, reviews, and case studies that showcase the latest breakthroughs in understanding the genetic basis of sugar crop traits, the development of new breeding techniques, and the application of these advancements to improve crop yield, quality, and resilience. By doing so, we hope to contribute to the sustainable development of the sugar industry and address the challenges posed by climate change, resource limitations, and evolving market demands.

### Guest Editor

Dr. Xiping Yang

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### Deadline for manuscript submissions

31 December 2025



## Agronomy

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### Message from the Editor-in-Chief

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*Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

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### Editor-in-Chief

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