

## Special Issue

# Maize Cultivation and Improvement

### Message from the Guest Editor

The development of germplasm is essential for creating cultivars with new traits that differentiate them for competitive advantage in the market or for specific environments, enabling food production in all regions where human life exists. Furthermore, germplasm development needs to align with breeding programs, addressing future gaps in genetic variability required for new regions, emerging biotic and abiotic stresses, or even new biotechnologies that do not allow direct use of elite lineages.

In this Special Issue, we aim to demonstrate the application of different biotechnologies, omics technologies, phenotyping, and corn breeding techniques that develop corn collection, select new germplasm, and enhance genetic gains and precision in germplasm development, catering to diverse environments and traits where corn cultivation takes place.

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### Guest Editor

Prof. Dr. Glauco Vieira Miranda

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### Deadline for manuscript submissions

closed (30 November 2025)



## Plants

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### Message from the Editor-in-Chief

*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, and 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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### Editor-in-Chief

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