

## Special Issue

# New Insights into the Improvement of Forage Crop Species

### Message from the Guest Editors

Forage crops, which typically include various grasses and herbaceous legumes, comprise some of the most economically important crops globally due to their central role in livestock production. However, our ability to enhance livestock operations will be limited by a lack of arable land and the stagnation of yields in conventionally bred forage cultivars, especially under unfavorable growth conditions arising from climate change. As such, there is a critical need for the development of forage cultivars with enhanced yields and/or feed efficiencies, as a means of enabling livestock production in the future. Such endeavours will not only require an intensification in breeding efforts, most likely through a collaborative approach involving traditional, molecular-assisted and biotechnological strategies, but also an advancement in our understanding of the molecular mechanisms driving traits. This Special Issue of *Plants* invites the submission of articles providing insight into factors underpinning important traits in forage species, as well as the improvement of such traits utilizing approaches ranging from conventional and molecular-assisted breeding to biotechnology.

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### Guest Editors

Dr. Stacy D. Singer  
Dr. Abdelali Hannoufa  
Dr. Bill Biligetu

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### Deadline for manuscript submissions

closed (31 May 2023)



## 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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