

Special Issue

Stomatal Activities in Abiotic Stress Tolerant Wild Relatives of Crop

Message from the Guest Editors

Stomatal regulations are important for plant abiotic stress tolerance. Stomata are found to play vital roles in abiotic stresses, especially for drought. However, for other abiotic stresses, typically for salinity, waterlogging, etc., whether/how stomatal regulations affect plant tolerance needs to be investigated more, and this is precisely the main motivation for setting up this proposed Special Issue calling for studies on stomatal regulations. Wild crops/mutants are valuable resources, offering ample germplasm for studying abiotic stress mechanisms under specific environmental stresses. Extracting mechanisms in crop-like plants for fighting against abiotic stresses could be more practical for modifying/producing elite pre-breeding materials. This Special Issue of *Plants* will highlight the physiological and molecular mechanism in regulating stomatal activities in tolerant plants. Additionally, the importance of utilizing wild crop resources/mutants is emphasized. We are looking for studies involving stomatal regulations under any environmental stresses.

Guest Editors

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Deadline for manuscript submissions

closed (20 June 2023)



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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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