Special Issue

Abiotic Stresses in Cereals

Message from the Guest Editors

Abiotic stresses in plants are consequences of suboptimal levels of nonliving factors in the growing environment. Generally, these factors are integral parts of the atmosphere–plant–soil continuum and adversely affect plant growth and productivity. Climate change predictions point to the amplification of these atmospheric stresses concerning magnitude, duration and intensity and hence threat to global food security. Hence, the management of abiotic stress in agriculture is gaining momentum. Exploring and exploiting the existing diversity and creation of new diversity through advanced techniques such as CRISPER-Cas is essential to identify potential genotypes of crops resilient to abiotic stresses. Though many scientific insights have been generated on mechanisms underlying abiotic stress tolerance in crop plants, much remains to be translated into the products for use in complementing crop improvement programs in harsh environments. This Special Issue on *Abiotic Stress in Plants* will highlight omics interventions for traits and in plants that confer resilience to abiotic stresses.

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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, 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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