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Plant Salt Stress Tolerance: From Physiology to Molecular Genetic Improvement

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Message from the Guest Editors

Soil salinization has become one of the main abiotic stress factors that reduces available cropland and affects crop growth, yield and quality. Understanding the physiological and molecular mechanisms underlying salt stress tolerance is essential for developing methods and strategies to improve crop resilience.

This Special Issue of *Plants* will highlight the recent advances in the field of functional and molecular mechanisms of tolerance to salt stress in various crops. Therefore, this Special Issue invites scientists to submit original research and review manuscripts focused on various topics related to plant salt tolerance: the identification of key components (genes, small molecules, proteins, secondary metabolites, etc.) from plants to response salt stress and their functional analysis, specific methods developed, and environmental factors acting on these interactions.



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Special Issue



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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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