

Special Issue

Heavy Metal Damage and Tolerance in Plants

Message from the Guest Editors

Heavy metals are global environmental pollutants. Most plants have a small tolerance range to heavy metals, and exposure to excessive heavy metals may damage various aspects of plants. However, some plants have evolved super tolerance to heavy metals. The understanding of the multilevel mechanisms underlying plant responses to heavy metal stresses is important for improving plant vitality and quality in heavy-metal-contaminated areas, as well as for the phytoremediation of contaminated environments. As of the “**Heavy Metal Damage and Tolerance in Plants**” Special Issue of *Plants*, we would like to invite you to contribute a paper covering the mechanisms of plant responses to heavy metals at the ecological, morphological, physiological, biochemical, molecular, or genetic levels. In particular, studies uncovering original mechanisms of plant responses to heavy metals on the basis of frontier biotechnology or novel perspectives would be highly appreciated.

Guest Editors

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Deadline for manuscript submissions

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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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