



## Selection and Breeding of Low Heavy Metal Accumulating Cultivars to Minimize Heavy Metal Accumulation

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Heavy metals are significant environmental contaminants in soils, posing a serious threat to food security and human health through the food chain. The selection and breeding of plant cultivars with low heavy metal accumulation has been considered as a cost-effective approach to ensure food safety in low- to medium-level contaminated soils. This Special Issue aims to provide a brief overview of breeding methodologies and strategies for low heavy metal-accumulating crops. We welcome reviews and research papers on the following topics: genetic variation in heavy metal accumulation among species and cultivars, identification of the functional genes and their allelic variations involved in heavy metal accumulation, development and application of the functional molecular markers for low heavy metal accumulation in crops.

Dr. Zhenzhen Cao

*Guest Editor*





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## Message from the Editor-in-Chief

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