



## Physiological and Molecular Characterization of Crop Resistance to Abiotic Stresses

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### Message from the Guest Editors

Dear Colleagues,

Abiotic stress represents the main constraint for agriculture, affecting plant growth and productivity worldwide. Research on all topics related to abiotic stress tolerance is a priority.

This Special Issue will focus on “Physiological and Molecular Characterization of Crop Resistance to Abiotic Stresses”. We are open to novel research, reviews and opinion articles covering all aspects of the responses and mechanisms of plant tolerance to abiotic stresses such as salinity, drought, extreme temperatures, flooding, nutrient deficiencies, high radiation, toxic compounds (heavy metals, pesticides), ozone, etc., Contributions on physiological, biochemical, and molecular studies of crops responses to abiotic stresses, description and role of stress-responsive genes, breeding of stress-tolerant varieties, marker-assisted screening of stress tolerant genotypes, genetic engineering and other biotechnological approaches to improve crop tolerance will be welcomed.

Prof. Dr. Monica Boscaiu

Dr. Ana Fita

*Guest Editors*





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## **Message from the Editor-in-Chief**

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