



Mechanisms Involved in Sustainable Metabolism of Legume Plants under Biotic and Abiotic Stresses

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Message from the Guest Editors

Dear Colleagues,

To ensure and maintain food security in changing climatic conditions, and with the constantly growing human population, it is necessary to use crops that, on the one hand, are highly productive, and on the other hand, are resistant to/tolerant of various stresses. Legume plants are the second, after cereals, source of food most appreciated mainly for nutritional value—high protein content and favorable mineral composition. Moreover, they enrich soil in N, in an ecofriendly way, due to symbiosis with *Rhizobium* bacteria that fix free atmospheric N. Like other plants, during their lifetime, legumes are exposed to various biotic stresses (fungal and bacterial diseases, pests) and abiotic stresses (drought, salinity, extreme temperatures, water-lodging, high radiation intensity, mineral deficiency, heavy metals, etc.) which reduce the quantity and quality of crops...

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