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Heat and Drought Tolerance in Potato

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Potato is the leading vegetable crop in the world and is important for global food security. However, potato is highly susceptible to two major abiotic stresses, heat stress and drought, which affect plant growth, development, and productivity, as well as tuber nutritive and processing qualities. Recently, research efforts have been intensifying towards understanding the mechanisms associated with potato responses to high temperatures and/or water deficit that may lead to the development of new, tolerant potato varieties. This Special Issue aims to provide an overview of current research and knowledge regarding potato heat and drought tolerance. We are pleased to invite researchers to submit papers that highlight potato physiological, biochemical, and molecular responses to heat and/or drought, genetic bases and mechanisms relevant to stress management, effects of biostimulants and plant elicitors, achievements by conventional and molecular breeding in the creation of tolerant genotypes. Submissions of original research articles, reviews, minireviews, and short communications are welcome.



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Special Issue



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Message from the Editor-in-Chief

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