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Research Progress on Physiology, Molecular Aspects and Genetics in Potato Cultivation and Storage

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Message from the Guest Editors

The potato is the fourth largest food crop in the world after wheat, rice and corn. It has rich nutritional value, high yield and strong adaptability. However, with the increase in extreme weather throughout the world, potato cultivation is faced with nutrient stress, drought, high temperature, low temperature and heavy metal and other abiotic or biological stresses. At the same time, the inappropriate storage of tubers will reduce the breeding rate of seed potatoes and the value of commercial potatoes. Therefore, it is necessary to study the physiological and molecular biological mechanism of the potato in response to abiotic stress and tuber storage. This Special Issue welcomes research on the physiology, molecular aspects and genetics of potato cultivation and storage, including fertilizer utilization, nutrient stress, abiotic stress and biotic stress response, the safe storage of tubers, postharvest physiology, etc.

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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