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Genetic Modification of Potato

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Deadline for manuscript
submissions:

closed (17 March 2022)

Message from the Guest Editor

Genetic modification refers to the genetic basis of changing biological traits through biotechnology, including transgene, gene silencing, and gene knockout. It is not only a concept of genetic engineering but also a way of molecular improvement. Through this way, genetically modified varieties have been obtained in many crops. Potato is the fourth largest food crop in the world after rice, wheat, and corn. The first transgenic potato was reported in the 1980s. Since then, especially in the past two decades, many genetically modified potatoes have been obtained, for example, related to modifications regarding growth, development, yield, quality, stress resistance and so on. These studies have effectively accelerated the process of potato breeding. In this Special Issue, we welcome submissions on the latest research results in the topic of the “genetic modification of potato” through genetic engineering as well as comprehensive literature reviews to discuss the current situation and future direction of this field.



mdpi.com/si/96550

Special Issue



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Message from the Editor-in-Chief

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