

# Special Issue

## Genetic Modification of Potato

### 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.

### Guest Editor

Prof. Dr. Qing Yang

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### Deadline for manuscript submissions

closed (17 March 2022)

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## Genes

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### Message from the Editor-in-Chief

*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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