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## Identification and Validation of Quantitative Trait Loci for Important Agronomic Traits in Food Crops

Guest Editors:

**Dr. Tianheng Ren**

Provincial Key Laboratory for Plant Genetics and Breeding, Agronomy College, Sichuan Agricultural University, Chengdu 611130, China

**Prof. Dr. Pengtao Ma**

School of Life Sciences, Yantai University, Yantai 264005, China

**Dr. Fahimeh Shahinnia**

Research Scientist, Bavarian State Research Centre for Agriculture, Institute for Crop Science and Plant Breeding, 85354 Freising, Germany

Deadline for manuscript submissions:

**closed (30 August 2023)**

### Message from the Guest Editors

A quantitative trait is generally controlled by several genes. Therefore, quantitative traits are usually detected by quantitative trait loci (QTL) or genome-wide association (GWAS) analyses. The important agronomic traits of food crops, such as plant height, thousand kernel weight, tiller number, kernel number per spike, and even several resistance traits, are typical quantitative traits. The analysis of these quantitative traits is of great significance for ensuring the high yield, disease resistance, as well as marker-assisted selection (MAS) of food crops. The objective of this Special Issue is to publish articles detailing progress in research involving QTL or GWAS analyses of food crops. Review and original research articles are both welcome on the following topics of interest:

QTL analysis of important agronomic or disease resistance traits of food crops;

GWAS analysis of important agronomic or disease resistance traits;

Meta-QTL analysis of important agronomic or disease resistance traits;

New methods/new phenotyping tools/new genomic tools/new strategies aimed at increasing resolution in the detection of QTL in food crops;

Molecular marker design and validation of QTL;



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## Editor-in-Chief

**Prof. Dr. Dilantha Fernando**  
Department of Plant Science,  
University of Manitoba, Winnipeg,  
MB R3T 2N2, Canada

## Message from the Editor-in-Chief

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*Plants* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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