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Recent Advances on Crop Biofortification

Guest Editors:

Dr. Cankui Zhang

Department of Agronomy, Center for Plant Biology, Purdue University, West Lafayette, IN 47907, USA

Dr. Jing Huang

Department of Agronomy, Center for Plant Biology, Purdue University, 915 West State St., West Lafayette, IN 47907, USA

Deadline for manuscript submissions:

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Message from the Guest Editors

The issue of malnutrition, often referred to as "hidden hunger," remains a pervasive challenge affecting the health and well-being of individuals in numerous developing nations. The inadequacy of essential macro- and micronutrients poses a critical concern. While strategies such as nutrient supplementation during food processing, dietary diversification, and pharmaceutical interventions have provided some relief, these methods are not universally applicable to all nutrients and are often economically unfeasible in many countries. In response, biofortification has emerged as a promising solution for enhancing crops' nutritional value and combating human health issues. Initially, traditional biofortification techniques grounded in agronomic practices and conventional breeding methodologies were employed to augment the nutritional content of crops. However, recent strides in genomics, genome editing, and molecular biology have galvanized the integration of transgenic methods into the biofortification toolkit.

Studies involving nutrition improvement in crops via agronomic, genetics and biotechnological approaches are welcome for submission to this Special Issue.



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Special Issue



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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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