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Biofortification of Foods of Vegetable Origin

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Message from the Guest Editors

Through mechanization tools, fertilization, and plant breeding techniques, farming has largely improved productivity over the last 60 years. In this context, biofortification, through agronomic practices, conventional plant breeding, or modern biotechnology, aims to increase the content of an essential micronutrient, i.e., vitamins and minerals (including trace elements) in a food, to improve the nutritional quality of the food supply and promote human public health. Biofortification may, therefore, present a way to reach populations where supplementation and conventional fortification activities may be difficult to implement and/or limited.

In this framework, this Special Issue intends to contribute to our knowledge on the development of biofortification applied to edible plants, considering publication articles focused on agronomic, physiological, and biochemical issues, namely monitoring, regulation, and metabolic changes.



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Special Issue