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Advanced Research on Glucosinolates in Food Products

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Message from the Guest Editors

Glucosinolate-rich foods are valued for their health-beneficial properties. While glucosinolates themselves are only precursor compounds, their enzymatically or chemically formed breakdown products are principals that can have positive effects on human health. Thus, it is important to focus not only on total amount of (intact) glucosinolates, but also to take into account their derived products present in Brassicaceae-based foods in order to increase the value of those products.

The aim of this Special Issue is to unravel the impact of the whole food supply chain, food production as well as domestic food preparation, on glucosinolates and the formation and chemistry of their breakdown products in vegetables and further food products, including functional foods.

You are cordially invited to submit review articles and original research papers related to the impact of the food supply chain and food preparation on the (bio)chemistry and stability of glucosinolates and their products, including research on the identification of new glucosinolate-derived compounds present in foods. Studies on the functional characterization of glucosinolate-rich food products are welcomed as well.



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Special Issue



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Message from the Editor-in-Chief

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