

## Special Issue

# Physiological and Processing Effects on Food Derived Bioactive Compounds

### Message from the Guest Editors

Food by-products often retain significant amounts of molecules that can be addressed to both nutritional and other uses. The supramolecular organization, often referred to as the “matrix effect,” indicates the nature of aggregation or the compartmentalization of the heterogeneous mixtures of components constituting foods. The supramolecular organization can deeply affect the release of molecules from food during digestion (bioaccessibility), their absorption (bioavailability), and then utilization for physiological functions in target tissue (bioactivity).

The aim of this Special Issue is to attract original research paper and review articles, illustrating the current findings on the effect of innovative food processing on bioaccessibility, bioavailability and bioactivity of food bioactive compounds. We invite authors to submit articles that clarify several aspects of the complex relationship among food bioactive compounds and their synergism, food matrix, processing, and health.

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### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2023)



## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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