

## Special Issue

# Dietary Bioactive Compounds and Breast Cancer II

### Message from the Guest Editors

Breast cancer is the most common occurring cancer and one of the leading causes of cancer-related death in women worldwide. Over 80% of cases are non-hereditary, and therefore, modifiable extrinsic factors related to lifestyle, including dietary habits, play a key role in its prevention. Plant foodstuff is the most important source of bioactive compounds, including polyphenols, carotenoids, phytosterols, and others, that have been reported to exert anticancer effects by playing a broad range of pleiotropic multi-targeted activities on breast cancer cells and animal models. Over the past few decades, wrong approaches without considering their bioavailability and metabolism have been behind the current gap between preclinical and clinical research. Therefore, this Special Issue of the IJMS will publish original research and review papers on the chemopreventive and/or chemosensitization effects on breast cancer of dietary bioactive compounds and/or derived metabolites using physiologically relevant preclinical (cell and animal models) and clinical approaches that could elucidate whether they are responsible for the effects attributed to plant-based foods.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2023)



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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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### Editor-in-Chief

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