

Special Issue

Dietary Bioactive Compounds and Breast Cancer

Message from the Guest Editors

Over 80% of cases of breast cancer are non-hereditary, and therefore, modifiable extrinsic factors related to lifestyle play a key role in its prevention. Plant foodstuff is the most important source of bioactive compounds 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. Although many epidemiological and observational studies have inversely correlated the fruits and vegetables consumption with breast cancer incidence, the involvement of their phytochemicals remains still contradictory. Over the past decades, wrong approaches without considering their bioavailability and metabolism have been behind the current gap between preclinical and clinical research.

Therefore, this Special Issue will publish original research and review papers on the chemopreventive and/or chemosensitization effects to breast cancer of dietary bioactive compounds and/or derived metabolites using physiologically relevant preclinical (cell and animal models) and clinical approaches. Epidemiological, meta-analyses, and bioavailability studies are also warmly welcome.

Guest Editors

Dr. Antonio González-Sarrías

Laboratory of Food and Health, Food and Technology Department, National Council for Scientific Research (CEBAS-CSIC), Murcia, Spain

Dr. Juan Antonio Giménez-Bastida

Laboratory of Food and Helath, Research Group on Quality, Safety and Bioactivity of Plant Foods, Department Food Science and Technology, CEBAS-CSIC, P.O. Box 164, Campus de Espinardo, 30100 Murcia, Spain

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

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