

Special Issue

Olive Bioactives: Occurrence in Olive Oils and Byproducts, Obtainment, Potential Health Effects and Applications

Message from the Guest Editors

The consumption of virgin olive oil contributes to nutrient intake, and health benefits have been associated with its bioactive compounds. Only a small part of the bioactive composition passes to the oil matrix during the extraction process, and larger quantities are still present in the olive-derived by-products and residues. Other bioactives from these bioresources include carbohydrate derivatives like mannitol, pectins, and oligosaccharides, which are not present in the oil. The studies suggest the benefits of ingesting olive-derived products or their bioactives to promote human health, and so it co-occurs with new approaches for obtaining bioactive extracts. Genetic, agronomic, and technological factors affect the bioactive type and content in virgin olive oils and their by-products/residues that can modify the bioactive composition, health effects, and application portfolio. Therefore, this Special Issue aims to give new insights into the occurrence of bioactives in virgin olive oil, pomace olive oil and olive-derived biomasses, novel obtainment methods, and applications that open up healthy, sustainable, and circular industrial opportunities within the olive sector.

Guest Editors

Dr. María del Mar Contreras

Department of Chemical, Environmental and Materials Engineering,
Universidad de Jaén, Campus Las Lagunillas, 23071 Jaén, Spain

Dr. Irene Gómez Cruz

Department of Chemical, Environmental and Materials Engineering,
Universidad de Jaén, Campus Las Lagunillas, 23071 Jaén, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

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Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA
2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

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