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Green Extraction Techniques of Bioactive Compounds from Food By-Products

Guest Editors:

Dr. Ana Isabel Andrés

Food Technology, Agricultural Engineering School, University of Extremadura, Avda Adolfo Suárez s/n, 06007 Badajoz, Spain

Dr. María Luisa Timón Andrada

Food Technology, Agricultural Engineering School, University of Extremadura, Avda Adolfo Suárez s/n, 06007 Badajoz, Spain

Prof. Dr. María Jesús Petrón Testón

Food Technology, Agricultural Engineering School, University of Extremadura, Avda Adolfo Suárez s/n, 06007 Badajoz, Spain

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Message from the Guest Editors

Dear Colleagues,

The production of food waste has become a major economic and environmental problem for the food industry. The extraction of bioactive compounds from this food waste and its revalorization to contribute to the circular economy has become a major research issue in the last several years. In this context, the use of so-called “green extraction techniques” and “green solvents” has gained much attention.

For this reason, this Special Issue of *Foods* is focused on the extraction of bioactive compounds present in food waste due to processing and specifically environmentally friendly extraction techniques.

Potential topics include, but are not limited to, the following:

- Bioactive compounds, sources, extraction principles, and major challenges in using green technologies;
- Water-based green extraction techniques;
- Pressurized liquid extraction and supercritical fluid extraction;
- Microwave-assisted extraction;
- Ultrasound-assisted extraction;
- Enzyme-aided extraction;
- Pulsed electric fields;
- Negative-pressure cavitation extraction;
- Pressing/extrusion;
- Combination of green extraction techniques.

Special Issue



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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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Message from the Editor-in-Chief

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Contact Us

Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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