

Special Issue

Bioactive Compounds from Food Waste and By-Products

Message from the Guest Editors

We live in an era where continued economic growth and energy consumption are accelerating climate change. The waste management and the disposal in industry processes have a severe impact on the environment and human health, further compounding the challenges presented by climate change. Environmentally friendly processes that take into account the holistic welfare of human, animal and plant ecosystems are crucial in reforms of production. In this context, waste products could be used again. In particular, agrofood by-products, due to their chemical composition, could be potential components of fertilizers and animal feed, but also used as sources of nutraceuticals and for biofuel production. This Special Issue would like to focus on recent developments in analytical techniques such as mass chromatography and NMR spectroscopy that allow the metabolomic analysis (targeted or untargeted) and identification of value-added products from waste, including food, industrial, agricultural and other by-products, that can be used as sources of anthocyanins, phenols, fibers, bioactive compounds, etc.

Guest Editors

Dr. Bruna De Falco

Fundación Canaria Parque Científico Tecnológico, Universidad de Las Palmas de Gran Canaria, 35214 Taliarte, Spain

Dr. Konstantina Tsirikika

1. Laboratory of Food Chemistry, Department of Chemistry, National and Kapodistrian University of Athens, Panepistimiopolis Zografou, 15784 Athens, Greece

2. Faculty of Food Science, Department of Food Science and Technology, University of West Attica, Egaleo Park Campus, Building K11 Agiou Spiridonos 28, 12243 Egaleo, Greece

Deadline for manuscript submissions

closed (10 September 2023)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/84052

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))