

Special Issue

Biotechnology in Plant Food Processing and Preservation

Message from the Guest Editors

Food properties and composition depend on several factors, such as raw material quality and also technology applied for the processing of these materials. The aim of biotechnological processes is to transform raw materials into products with specific properties and stability. These operations can affect every ingredient of the raw material, resulting in chemical, structural and organoleptic changes in the final product. Subjects discussed in this Special Issue will be related to the biotechnological production of novel plant food and the influence of applied processes on main compounds (fats, proteins, carbohydrates) as well as minor phytochemicals (e.g., polyphenols, vitamins, phytosterols, pigments, squalene) contained in raw materials. Papers dealing with the biotechnological improvement of plant product stability also fit the scope of the Special Issue.

Guest Editors

Dr. Grzegorz Dąbrowski

Chair of Plant Food Chemistry and Processing, Faculty of Food Sciences, University of Warmia and Mazury in Olsztyn, Pl. Cieszyński 1, 10-726 Olsztyn, Poland

Dr. Małgorzata Tańska

Chair of Plant Food Chemistry and Processing, Faculty of Food Sciences, University of Warmia and Mazury in Olsztyn, Pl. Cieszyński 1, 10-726 Olsztyn, Poland

Deadline for manuscript submissions

closed (31 October 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/148087

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

mdpi.com/journal/

[applsci](https://doi.org/10.3390/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, 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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)