



Natural Products: Phytochemical Extraction, Analysis and Application

Guest Editor:

Dr. Małgorzata Olszowy-Tomczyk

Department of Chromatographic
Methods, Maria Curie-
Skłodowska University, 20-031
Lublin, Poland

Deadline for manuscript
submissions:

31 August 2024

Message from the Guest Editor

Phytochemicals are bioactive substances synthesized by plants to protect them against external factors. Phytochemicals also have other beneficial properties. The antioxidant properties are related to their chemical structure and are responsible for, among others, neutralizing free radicals. Their protective and healing effects can be used to fight many diseases. Phytochemicals should be important components of the diet. From traditional solvent extraction methods to innovative approaches, researchers continually strive to optimize extraction efficiency, selectivity and sustainability. By improving extraction techniques, researchers can effectively analyze these compounds qualitatively and quantitatively.

The aim of this Special Issue is to present the latest developments in phytochemical extraction techniques. By contributing to this Special Issue, you will contribute to the development of extraction methods, improving the identification, characterization and determination of phytochemicals for their effective use in human life. We look forward to your contributions and support for meaningful discussions in this important area of research.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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), PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

Contact Us

Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agriculture
agriculture@mdpi.com
X@AgricultureMdpi