



Analysis of Bioactive Compounds in Food

Guest Editor:

Prof. Dr. Magdalena Rudzińska

Faculty of Food Science and
Nutrition, Poznań University of
Life Sciences, Wojska Polskiego
28, Poznań, Poland

Deadline for manuscript
submissions:

closed (15 September 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue is entitled “Analysis of Bioactive Compounds in Food”. Many food products are rich sources of phytochemicals, including phenolics, vitamins, antioxidants, phytosterols, flavonoids, lignans, and others. Many of these natural substances have a synergistic effect with different drugs. We can find these compounds in fruits, vegetables, cereal grains, food lipids, and milk products, or they can be produced by microorganisms. Due to growing consumer awareness about the health benefits of bioactive compounds, efforts have been made to develop new methods that are able to improve the yields of biologically active compounds.

In this Special Issue, we invite researchers to contribute original research and review articles that analyze and describe new bioactive compounds in raw material and food products, the mechanisms of their digestion, stability during food production and storage, and formation of derivatives and metabolites. Special interest is devoted to their effects for the prevention and treatment of civilization diseases.

Prof. Dr. Magdalena Rudzińska
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)