

Special Issue

Analytical Chemistry of Medicinal and Edible Plants

Message from the Guest Editors

In this Special Issue, we invite researchers who have developed and/or applied various chemical, electrochemical, spectroscopic, and nuclear analytical methods, as well as sample preparation protocols, to present their results on the chemical profile of plants with potential applications in medicine, pharmacy or used as ingredients in functional foods. The scope of this Special Issue includes metabolomics, the identification of plant metabolites, primary and secondary phytochemicals, and their pharmacological activity. The development of new analytical approaches to elucidate the bioavailability of bioactive compounds and their positive effect on living organisms is an important topic of this Special Issue. In addition, the identification of environmental/climatic factors influencing the content of bioactive compounds using various chemometric methods is welcome. We welcome studies dedicated to the relationship between the content of nutrients in plants and their health-promoting or medicinal properties, as well as statistical methods to elucidate the chemical profile of these plants to explain or reveal their potential suitability for use in medicine and nutrition.

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Deadline for manuscript submissions

30 May 2026



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/244216

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About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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