

Special Issue

Classical and Novel Technology in the Extraction and Analysis of Active Ingredients from Natural Products for Effective Pre-Clinical Use

Message from the Guest Editors

Nature offers diverse resources with the necessary ingredients to help maintain or improve the wellbeing of all living species. The traditional or conventional methods for the extraction and analysis of the active ingredients from different natural products have been quite successful but come with unique limitations. The development of science in general and nanotechnology in particular, have boosted innovation and empowered existing tools and technologies in the areas of sample pretreatment, analytes determination and biomedical applications of active ingredients. In this special issue, we are collecting relevant research works and reviews on innovative approaches for the pretreatment, extraction and analysis of active ingredients from complex matrices using either the classical methods, nanotechnology or a combination of both with demonstrable applicability evinced by in-vivo or in-vitro experiments. Any work aside from the classical methods, nanomaterials or composites designed and synthesized with sound demonstration of effective applicability for sample pretreatment or as an analytical tool for the active ingredient is welcome.

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Deadline for manuscript submissions

31 October 2025



Pharmaceuticals

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/224525

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Editor-in-Chief

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