

Special Issue

Extraction and Pharmaceutical Application of Phytochemicals

Message from the Guest Editors

This Special Issue addresses the theme of the pharmaceutical extraction and application of phytochemicals, emphasizing the relevance of this area in the development of new medicines. The extraction of these compounds is a fundamental process, such as solvent extraction, distillation and supercritical CO₂ extraction. Each method is detailed in terms of its efficiency, costs, and phytochemical properties. The pharmaceutical application of phytochemicals is an expanding field, and this Special Issue aims to discuss how these compounds have been used in the evolution of natural medicines, herbal medicines, and even cosmetic products. The importance of preclinical research in a clinic to ensure the safety and efficacy of these compounds is emphasized. The importance of phytochemicals in the development of innovative medicines is undeniable. Finally, this Special Issue highlights the prospects for the extraction and application of phytochemicals, responding to the increase in demand for natural therapies and the constant evolution of extraction and production technologies, aiming at the production of new drugs that can benefit human health more effectively and affordably.

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