Special Issue

Extraction, Purification and Application of Bioactive Compounds

Message from the Guest Editors

The extraction and purification of bioactive compounds from natural sources is a key focus area in research and industry. Extraction methods vary depending on factors such as the target compound, source material, and desired purity. Common techniques include solvent extraction, supercritical fluid extraction, and solid-phase extraction. After extraction, purification steps are often necessary to remove impurities and concentrate the bioactive compounds. The procedures chosen for this may include chromatographic methods, such as column chromatography, high-performance liquid chromatography (HPLC), and preparative thin-layer chromatography (TLC), or methods like crystallization, filtration, and distillation, depending on the properties of the compounds and the desired level of purity. The aim of this Special Issue is to provide information on recent developments in the chemical investigation of bioactive compounds, emphasizing the extraction, separation and analysis of these compounds via chromatographic and spectral techniques.

Guest Editors

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Editor-in-Chief

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