



Extraction of Natural Products and Their Bioactivity

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Message from the Guest Editor

Natural products derived from plants have been extensively applied in various industries, particularly in pharmaceuticals, cosmetics, and food. The appeal of these natural biomolecules lies in their low rate of side effects compared to that of synthetic compounds, coupled with the modern scientific recognition of the significance of synergistic interactions within natural mixtures. The demand for more functional and better products to meet increasingly stringent consumer requirements has spurred intensive research on bioactive molecules. Consequently, research on extraction and isolation mechanisms has intensified.

The objective of this Special Issue, titled "Extraction of Natural Products and Their Bioactivity", is to advance our understanding and foster a deeper appreciation for the recent scientific breakthroughs in the extraction, isolation, and characterization of biologically active compounds derived from natural plants.

- natural products
- extraction
- isolation
- bioactivity
- bioassay-guided fractionation
- bioavailability
- toxicity





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