Special Issue

Green Extraction Techniques for Bioactive Products from Natural Sources

Message from the Guest Editors

The demand for bioactive compounds from natural resources, e.g., microorganisms such as microalgae or yeast, is increasingly gaining more interest, but their extraction is still the bottleneck in broad industrial application. To make these products economically viable but also as sustainable as possible, novel extraction techniques are crucial. Common methods are often afflicted with disadvantages, especially high energy consumption or the necessity for polluting solvents. In contrast, many organisms comprise valuable compouds but are well protected by their rigid cell wall. Powerfull extraction techniques are needed to exploit the organisms for their economic viability. To overcome these differences, new ideas and methods are needed to broaden the field of natural products for industrial application, but to also keep the spirit of sustainability in the field of bioeconomy. Therefore, this Special Issue aims to consolidate and distribute knowledge in this research field. We invite you to contribute your research article, communication, or review related to green extraction techniques for bioactive products from natural sources.

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Editor-in-Chief

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