

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 compounds but are well protected by their rigid cell wall. Powerful 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.

Guest Editors

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Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

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