

Special Issue

Analysis, Isolation and Biological Activities of Polyphenols from Terrestrial and Marine Sources

Message from the Guest Editor

Within the natural products family, polyphenols are special due to their great structural diversity and are considered an important part of the plant to protect against plagues and UV radiation. Polyphenols have many biological functions, such as antioxidant, antimicrobial, antitumoral, immunomodulatory, anti-mutagenic, anti-inflammatory, detoxifying, antiulcerogenic, and many others. Our Special Issue will focus on recent studies in the field of polyphenols from plants or microorganisms belonging to terrestrial and marine sources. More specifically, original research articles, and reviews that cover the following topics:

- Identification and characterization of polyphenols.
- LC/MS/MS of polyphenols.
- New polyphenols from terrestrial and marine sources.
- Biological activities of known polyphenols.
- Isolation of polyphenols using conventional and unconventional techniques.
- New approaches for investigation of polyphenols and/or their bioactivities.

Guest Editor

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Message from the Editor-in-Chief

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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