

## Special Issue

# Advances in Extraction, Biological Activity of Natural Products and Their Derivatives

### Message from the Guest Editors

Understanding the biological activity of natural compounds and their derivatives is essential for their application in various fields, including medicine, agriculture, and cosmetics. Recent studies have highlighted the potential of natural products to exhibit antimicrobial, anti-inflammatory, antioxidant, antiviral, and anticancer properties, making them promising candidates for drug development.

This Special Issue invites contributions that delve into the latest advancements in extraction methodologies, the assessment of biological activities, and the potential applications of natural products and their derivatives. We encourage researchers to share their insights on innovative extraction techniques, novel bioactive compounds, their mechanisms of action, and their absolute configuration assignment. By fostering collaboration and knowledge exchange, we aim to advance the field of natural product research and highlight the significance of these compounds in addressing contemporary health and environmental challenges.

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### Guest Editors

Dr. Ernesto Santoro

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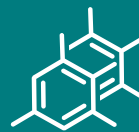
Prof. Dr. Antonio Evidente

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### Deadline for manuscript submissions

31 December 2025



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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