# Special Issue

# Biological Activity of Plant Extracts

### Message from the Guest Editors

Plants are an inexhaustive reservoir of natural products with diverse biological activities offering treatment for several diseases. Investigating the therapeutic potential of plant extracts has proven to be a helpful and fruitful strategy in the search for possible pharmacological therapies. Numerous extracts obtained from diverse plants exhibit various potentially beneficial effects such as hepatoprotective, antitumoral, antioxidant, antimicrobial, antidiabetic, and anti-inflammatory traits, among others. The elucidation of the bioactive compositions of plant extracts is of great importance for both the standardization of the bioactivity of plant extracts and understanding their mechanisms of action. This Special Issue will collect original research articles and review articles addressing recent advances in the extraction, identification, and biochemical evaluation of plant extracts. The in vitro, in vivo, and in silico biological effects of plant extracts will be also considered.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 January 2025)

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## 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.

## Editor-in-Chief

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