

## Special Issue

# Biological Activity of Plant Compounds and Extracts

### Message from the Guest Editors

The use of plants for their beneficial effects dates back to the first steps in human history, as shown by Ebers Papyrus (1500 BC). Thus, the identification and classification of plant extracts and their compounds showing biological activity has attracted a huge number of ancient and modern researchers. However, after centuries of active research in this field and in spite of the remarkable recent advances in chemical synthesis, plants remain the most powerful and somewhat under-investigated source of bioactive molecules. In addition, in the last decades, the search for novel and more ecofriendly compounds has been strictly emphasised, thus further increasing the interest in plant metabolites. This is particularly true especially in some fields, such as pest control, in which botanical pesticides represent a valuable alternative to traditional chemicals since their use reduces the risk to non-target organisms and the probability of developing pest resistance.

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### Guest Editors

Prof. Dr. Gianluca Paventi

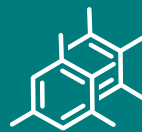
Prof. Dr. Giuseppe Rotundo

Prof. Dr. Giacinto S. Germinara

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### Deadline for manuscript submissions

closed (30 November 2021)



## Molecules

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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.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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