



Extraction, Composition and Comparison of Plant Volatile Components

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Message from the Guest Editors

The isolation of plant volatiles, which are important specialized metabolites, can be accomplished by classical and green extraction techniques. Classical extraction techniques include steam distillation, hydrodiffusion, hydrodistillation, destructive distillation, and cold pressing. Green extraction techniques include turbo distillation, ultrasound-assisted extraction, microwave-assisted extraction, and instant controlled pressure drop technology. Depending on the isolation technique, the compositions of the substances extracted from the same plant material may vary. This depends on the duration of extraction, temperature, pressure, and quality of the plant material.

The aim of this Special Issue of *Plants* is to publish studies dealing with the effects of different extraction procedures and their impact on the qualitative and quantitative composition of plant isolates. The research can describe the importance of various free volatile compounds to quality parameters of plants. Research comparing different biological potential of plant extracts obtained by different extraction methods is also useful.





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Message from the Editor-in-Chief

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