



## Metabolomics Strategies in Research of Honey Bee Products

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### Message from the Guest Editors

Honey bee products, such as honey, bee pollen, royal jelly, and propolis, are known for their nutritional and health-promoting properties, and are rich in primary and secondary metabolites.

Metabolomic strategies in honey bee products research can make an important contribution to the authenticity assessment, quality control, determination, and traceability of the origins of honey bee products. The determination of chemical profiles, including targeted and untargeted metabolomics approaches, and the identification of the specific metabolites of different honey bee products can significantly contribute to their characterization, as well as facilitating the detection of adulteration. Furthermore, the application of a metabolomic approach can be an efficient strategy for the discovery of bioactive natural compounds in honey bee products, thus providing valuable insights and better understandings of the biological activity of these substances, which are characterized by a complex chemical composition.

This Special Issue focuses on the determination of metabolites and their presence in different bee products, as well as their possible biosynthetic/metabolic correlations.





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## Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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