

## Special Issue

# Characterization, Application and Potential Health Benefits of Bioactive Compounds

### Message from the Guest Editor

There are several thousands of naturally occurring herbs which constitute a rich source of phytochemical compounds. The major content is represented by phenolic compounds, representing one of the largest groups of natural products. To date, organic solvent extraction has been the main method used to extract phenolics. For their phytochemical characterization, the latest spectrophotometric and chromatographic techniques are used. Moreover, phenolic compounds are antioxidant substances capable of scavenging free radicals. This way, they protect biological systems against the harmful effects of oxidative processes on macromolecules and DNA, thereby reducing the risk of dreadful diseases. In addition to their antioxidant activity, phenolic compounds possess different biological activities that are attributed to their role in protection against human diseases.

- phenolic compounds
- LC-MS
- food industry
- health benefits

### Guest Editor

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### Deadline for manuscript submissions

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## Materials

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### Message from the Editor-in-Chief

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