



## Extraction, Purification, Structural Analysis, Biological Evaluation, and Molecular Mechanisms of Dietary Bioactive Compounds from Natural Resources

Guest Editor:

**Dr. Chao Li**

School of Food Science and Engineering, South China University of Technology, Guangzhou 510640, China

Deadline for manuscript submissions:  
**closed (31 March 2025)**

### Message from the Guest Editor

Dear Colleagues,

Natural resources are rich sources of bioactive compounds that possess various health benefits. This Special Issue seeks to explore the methods used to extract and purify bioactive compounds from different natural sources such as fruits, vegetables, algae, and medicinal plants. Additionally, we encourage submissions that investigate the composition and structural analysis of active components. Studies delving into the biological evaluation and molecular mechanisms underlying the health benefits associated with these bioactive compounds are highly encouraged.

Potential topics of interest include, but are not limited to, the following:

- Extraction and purification techniques for bioactive compounds from natural resources.
- Identification and characterization of bioactive compounds from natural resources.
- Structural analysis of active components from natural resources.
- Bioavailability and bioaccessibility studies of bioactive compounds from natural resources.
- Biological evaluation and molecular mechanisms underlying the health benefits of bioactive compounds.
- Applications of bioactive compounds in functional foods and nutraceuticals.





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### Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical  
Biology and Phytochemistry,  
University of Münster,  
Corrensstrasse 48, D-48149  
Münster, Germany

## Message from the Editor-in-Chief

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*Molecules* Editorial Office  
MDPI, Grosspeteranlage 5  
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