

## Special Issue

# Bioactive Compounds in Foods: Separation, Extraction and Application

### Message from the Guest Editors

Bioactive compounds can provide health benefits beyond the nutritional value and are originally present or added to food matrices. Foods and food (processing) waste are complex matrices containing an abundance of bioactive components, such as proteins, polysaccharides, lipids, PUFAs, vitamins, probiotics, prebiotics, antioxidants, and pectins. Their separation, extraction and characterization can be a challenge. The aim of this Special Issue is to promote research that adopts processes, including biological ones, that can enhance the separation, extraction and obtainment of bioactive compounds, which enables their application in food, cosmetic and pharmaceutical industries. Membrane technologies that are expected to play an important role in sustainable separation processes, efficient and environmentally friendly extraction methods, as well as applications directly related to gut microbiota and the formulation of symbiotic functional foods, are particularly welcomed.

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### Guest Editors

Dr. Patroklos Varelziz  
Prof. Dr. Olga Gortzi  
Dr. Sotiris I. Patsios

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### Deadline for manuscript submissions

closed (20 June 2024)



## Separations

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*Separations*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[separations@mdpi.com](mailto:separations@mdpi.com)

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### Message from the Editor-in-Chief

*Separations* offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

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### Editor-in-Chief

Prof. Dr. Frank L. Dorman  
Department of Chemistry, Dartmouth College, Hanover, NH 03755,  
USA

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