



## Biochemical Composition of Food

Guest Editors:

**Prof. Dr. Pranas Viskelis**

**Dr. Dalia Urbonaviciene**

**Dr. Jonas Viskelis**

Deadline for manuscript  
submissions:

**closed (20 August 2023)**

### Message from the Guest Editors

In recent years, the principles and knowledge of food biochemistry have become indispensable in practically all major disciplines of food science, including food processing, food engineering, food technology, and food safety. The aim of the research is to reach an understanding of health-promoting compounds in plant- and animal-based foods and the possibility to utilize their characteristic chemical features and reactions to improve food quality from a nutritional, technological, or sensory point of view. The goals of the research are met by bridging traditional gaps between food components and their end products after reactions, and the possibility to steer those reactions in desired directions. Key activities of the research should include the utilization of modern methods for analyzing food components, model systems to study their reactions, and efficient statistical tools for data analysis to get the maximum informative value out of the data obtained.

Prof. Pranas Viskelis

Dr. Dalia Urbonaviciene

Dr. Jonas Viskelis

*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**

Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](https://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)