

## Special Issue

# Exploring the Interplay of Antioxidant Activity and Phytochemical Composition in Plant Extracts and Bee Products

### Message from the Guest Editors

Antioxidants neutralise oxidative stress, thereby significantly contributing to various health disorders, such as inflammation and carcinogenesis, and ageing. It is important to explore the potential health benefits of natural sources, such as plant extracts and bee products, as they are rich in bioactive compounds, which are often underutilised, and thus, steps should be taken to promote their rational and sustainable use. Bee products, including honey, propolis, royal jelly, and bee pollen, are renowned for their diverse bioactive compounds, such as flavonoids, phenolic acids, and enzymes, which exhibit potent antioxidant properties. Similarly, plant extracts derived from a body of botanical matrices possess a rich phytochemical composition, encompassing flavonoids, polyphenols, and other antioxidant molecules. The aim of this Special Issue is to collate research papers that highlight the links between antioxidant activity and phytochemical composition in plant extracts and bee products, aiming to uncover novel insights into targeted health solutions.

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### Guest Editors

Prof. Dr. Lina Raudonė

Dr. Mindaugas Liaudanskas

Prof. Dr. Sonata Trumbeckaite

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### Deadline for manuscript submissions

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## Antioxidants

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## About the Journal

### Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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### Editor-in-Chief

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