

## Special Issue

# Application of Antioxidants and Bioactive Compounds in Agricultural Products

### Message from the Guest Editors

The role of antioxidants and bioactive compounds in the agri-food sector has gained significant attention due to their crucial role in enhancing the quality and functionality of agri-food products. This Special Issue aims to publish high-quality articles and reviews exploring the latest advancements, innovative applications, and potential benefits of antioxidants and bioactive compounds in the agri-food sector. For such aims, principal topics may include, but are not limited to, the following:

- The development of functional agri-food products and nutraceuticals enriched with antioxidants and bioactive compounds.
- Investigating the effectiveness of naturally derived antioxidants.
- Bioavailability of bioactive compounds in agri-food products.
- Strategies to enhance antioxidant stability: microencapsulation and nanoencapsulation.
- Investigations into the mechanisms of action of antioxidants and bioactive compounds for protecting against oxidative stress.
- Innovative methods for extracting these compounds from natural sources.
- Exploring the sustainability aspects of utilizing natural antioxidants and bioactive compounds.

### Guest Editors

Dr. Iulia Varzaru

Dr. Arabela Elena Untea

Dr. Alexandra Gabriela Oancea

### Deadline for manuscript submissions

25 August 2025



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

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