

Special Issue

Dietary Antioxidant Compounds and Animal Nutrition

Message from the Guest Editors

We are pleased to invite you to submit your research to this Special Issue, entitled “Dietary Antioxidant Compounds and Animal Nutrition”. Particular emphasis will be placed on mechanistic investigations, in vivo validation, and translational relevance across a broad range of animal species, including terrestrial livestock, aquaculture species, and companion animals. We welcome original research and reviews addressing, but not limited to, the following topics:

- Identification, synthesis, extraction, and characterisation of antioxidant compounds for animal nutrition applications;
- antioxidant efficacy, alone or in combination with other dietary bioactives, functional ingredients, or supplements;
- Mechanistic studies elucidating redox modulation, oxidative damage pathways, and mitochondrial function;
- Assessment of synergistic, additive, or antagonistic interactions among multiple antioxidant compounds;
- Development of innovative feed formulations to enhance antioxidant bioavailability and efficacy;
- Applications of antioxidant-based nutritional strategies to improve animal health and product quality across livestock and aquaculture species.

We invite you to contribute to this Special Issue.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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