



Selenium: Properties and Sources in the Food Industry

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Message from the Guest Editor

Selenium is considered an essential component of all living organisms. Traces selenium are essential for animals and humans; however, the tradeoff between the necessary and harmful doses should be investigated. The increasing incidence of selenium deficiency in humans and animals has drawn attention to the various forms of supplementation. Those discoveries have led to the intensified interest of scientists, resulting in many publications extending our knowledge. The growing interest in selenium and its properties means that scientists are conducting advanced research to explain the biochemical role of this element (e.g., selenoprotein). The properties of this element and its role in metabolism, molecular biology, and human health open up new research perspectives.

This Special Issue invites the submission of papers based on original research and review articles that describe selenium compounds and their applications in various industries, foods, and medicine.

Keywords:

- selenium
- selenoproteins
- antioxidant
- bioaccumulation
- selenium nanoparticles
- food
- cancer





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Message from the Editor-in-Chief

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