

## Special Issue

# Selenium: Properties and Sources in the Food Industry

### 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

### Guest Editor

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### Deadline for manuscript submissions

closed (30 November 2020)



## Applied Sciences

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### 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.

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### Editor-in-Chief

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