

## Special Issue

# The Implications of Polyphenols on Aging

### Message from the Guest Editor

The aging process is characterized by a progressive decline in function and structure throughout the organism, leading to death. Oxidative stress, a condition that occurs when the production of reactive oxygen species overcomes cellular antioxidant defenses, is a common hallmark of aging. Polyphenols are potentially health-promoting compounds in plant foods whose strong antioxidant properties allow them to remove excess reactive oxygen species in the body, prevent cell aging, and delay aging and chronic diseases. Interest in the relationship between diet and aging has grown in recent decades, and some antioxidants have now been identified to be capable of extending the lifespan in various models of aging. This Special Issue aims to bring together the latest research on these topics. Research on the antiaging capabilities of polyphenols and bioactive ingredients and their molecular aspects will be considered. Therefore, it is my great pleasure to invite scientists to submit manuscripts describing original research or review on the topic to this Special Issue.

### Guest Editor

Dr. Roberta Bernini

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### Deadline for manuscript submissions

closed (18 January 2024)



## Nutrients

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### Message from the Editorial Board

*Nutrients* is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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