

## Special Issue

# Polyunsaturated Fatty Acids: New Molecular Mechanisms and Nutritional Therapeutic Challenges

### Message from the Guest Editors

Among the molecules that have aroused great interest in the scientific community, polyunsaturated fatty acids (PUFAs) are of particular importance in terms of both nutrition and health. It has been clearly established that PUFAs, of natural or industrial origin, constitute aggravating or protective factors in various diseases (cardiovascular, cancer, inflammatory, etc.) and age-related processes. In this evolving scientific context, knowledge regarding the link between PUFAs and health is rapidly advancing. This Special Issue aims to cover areas related to the biosynthesis and distribution of PUFAs, their bioavailability and their health benefits, both in the field of nutritional prevention and in the therapeutic field. Specifically, this Special Issue will highlight newly discovered biological mechanisms of PUFAs and their derivatives in various pathologies, along with their potential applications.

### Guest Editors

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### Deadline for manuscript submissions

closed (25 May 2024)



## Nutrients

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## About the Journal

### 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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### Editors-in-Chief

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