

Special Issue

Omega-3 Polyunsaturated Fatty Acids in Health and Disease

Message from the Guest Editors

Since Bang and Dyerberg's omega-3 discovery just over fifty years ago, an impressive body of literature on the chemistry and biology of essential fatty acid-derived products and related structures has been reported. Advances in this field have uncovered a complex family of molecules with important physiological roles. The therapeutic and health-promoting effects of omega-3 fatty acids have been extensively studied in chronic inflammatory and autoimmune diseases through various mechanisms. DHA and EPA-derived mediators are potent autacoids that dampen inflammation. In recent years, a growing interest in omega-3 PUFAs in human health has occurred at a rapid pace, with new results expanding our understanding of their roles in immunomodulation and in the endogenous resolution of inflammation.

In this Special Issue, our goal is to highlight up-to-date research on essential omega-3 fatty acids and related products, focusing on their effects on human health across the lifespan and the opportunities they offer for the development of novel therapeutic agents. We welcome various types of manuscript submissions, including original research and review articles.

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2025)



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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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