



Polyunsaturated Fatty Acids: New Molecular Mechanisms and Nutritional Therapeutic Challenges

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Deadline for manuscript
submissions:

closed (25 May 2024)

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.





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Journal Rank: JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)

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