

Special Issue

Digestion of Bioactive Main and Minor Food Lipids - Influential Factors and Bioaccessibility

Message from the Guest Editors

Investigations devoted to shedding light on the influence of factors like the degree of unsaturation and the initial oxidation status of the involved lipids, the presence of other food components showing antioxidant or pro-oxidant activity, and the different digestion models employed, on the final extent of oxidation are of great importance. Likewise, the study of oxylipin formation, including oxygenated aldehydes as well as their identification and quantification, are of relevance, since this permits one not only to evaluate the ultimate extent of oxidation but also to analyze the relationships that are likely to occur between oxidation, lipase activity, degree of lipolysis, and Maillard-type reactions. The influence of all the aforementioned factors on the bioaccessibility and bioavailability of major and minor lipid components and of oxidation-derived compounds are also issues with nutritional or toxicological repercussions closely related to oxidation processes during digestion. This Special Issue is focused on studying food lipid oxidation and related reactions under digestion conditions, as well as the factors influencing their occurrence and potential impact on health.

Guest Editors

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Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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