

Special Issue

Lipids and Proteins in Foods: Chemistry and Health

Message from the Guest Editors

Lipids and proteins are the macromolecules mainly obtained from agro-food (i.e., plants and animals). They are the main source of energy and play important role in cellular membrane formation, signal transduction, endocrine regulation, inflammation, etc. In recent years, lipid and protein science has already been a hot topic for health and nutrition research, as the composition, structure and state of lipids/proteins not only influence the quality and safety of food, but also are closely related to their biological functions and nutritional quality. However, the low contents in natural foods, limited applicability due to poor liposolubility are the main bottlenecks. Hence, researchers have attempted to explore new oil/protein resource, optimize the preparation and processing methods for lipids or proteins by molecular and physical modification to obtain the synthetic lipids and bioactive peptides with well-defined functions, such as improved antioxidation, better liposoluble property, improved bioactivity in regulating blood lipids, preventing atherosclerosis, etc.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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