

Special Issue

Integrated Microalgae Industry for Biofuel and Food Ingredients Production

Message from the Guest Editors

Microalgal biomass contains carbohydrates, proteins, lipids, pigments, vitamins, polyphenols and minerals. Lipids are employed in biodiesel production, while carbohydrates and proteins are food and feed supplements. The integrated microalgal industry aims to establish a sustainable platform for valorizing biodiesel production and extracting multiple food products from microalgae. For instance, microalgae represent an alternative protein source with superior nutritional qualities compared to traditional plant proteins and offer relevant environmental and economic benefits. Therefore, optimizing the extraction of microalgal components and assessing their characteristics and potential food applications are crucial. This Special Issue focuses on studies concerning the recovery, characterization and application of microalgal components in food products. It is expected that this research will contribute to achieving competitive and scalable microalgal industrial processes.

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Deadline for manuscript submissions

closed (31 October 2025)



Foods

an Open Access Journal
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Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



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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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