

Special Issue

Current Exploration of Dietary Fiber Processing and Technologies Supporting Nutrition and Health

Message from the Guest Editor

This Special Issue aims to present an overview of the cutting-edge strategies and solutions that have been studied to foster better understanding of dietary fibers and enabling support for their versatile applications in promoting nutrition development and human health. Researchers are invited to contribute original research or review articles focused on transdisciplinary aspects related to:

- 1) the modification of dietary fibers, including the generation of shorter compounds and the grafting of dietary fibers with bioactive components;
- 2) sustainable approaches in industrial manufacturing studies by utilizing agrifood waste as a source of dietary fiber and/or applying “greener” technologies in the processing of dietary fiber-related products; and
- 3) tackling the challenges of modifying the structural, compositional, and physicochemical characteristics of dietary fiber in terms of enhancing its role in improving overall health such as serving as a prebiotic or performing even more diverse functions. In this Special Issue, the latest strides in dietary fiber are scrutinized alongside their collective impact on functional food development and health promotion.

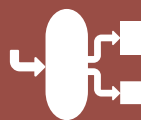
Guest Editor

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Deadline for manuscript submissions

closed (30 June 2025)



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Message from the Editor-in-Chief

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