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Dietary Fiber and Polysaccharide: Preparation, Structure and Health Benefits

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Message from the Collection Editor

Dietary fiber and polysaccharides, which are regarded as food bioactive carbohydrates, are widely present in nature. Over the past few decades, dietary fiber and polysaccharides have been drawing the interest of scientists in multidisciplinary research fields due to their broad range of health benefits. Thus, exploring the optimal preparation method to enhance the yield and bioactivity of dietary fiber and polysaccharides is a promising field of knowledge. Therefore, it is of great interest to further elucidate the structural/functional relationship as well as the interaction between composition and bioactivity.

Based on above facts, we would like to invite authors to contribute review articles, commentary, perspectives, and original research articles focusing on dietary fiber and polysaccharides on the preparation, structural characterization, and health benefits demonstrated by in vitro or in vivo experiments. We also welcome studies on the interaction of dietary fibers and polysaccharides with food matrices or small molecule compounds (bound polyphenols), which may enhance or modify their health benefits.



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Topical Collection



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Message from the Editor-in-Chief

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