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Fibre and Prebiotic Substances from Starch in Foods and Its Implications for Human Nutrition

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Message from the Guest Editor

Eating a diet high in dietary fibre and prebiotics is essential in the prevention and treatment of obesity and its complications. The use of starch products, such as resistant starch, resistant dextrins, resistant maltodextrins, soluble corn fibre and soluble dextrin fibre provides great opportunities in this regard. Unfortunately, research on obtaining fibre and prebiotic substances from starch is very dispersed and poorly described. The ambition of this Special Issue is to fill this gap.

Here, the goal is to identify and review the latest research results on: i) the preparation, characterization of starch-based fibre and prebiotic substances; ii) their application for industrial purposes, mainly food enrichment, in order to obtain functional foods; iii) the search for a relationship between the structure and properties of new preparations, and their impact on the human body; and iv) the health-promoting aspects of consuming these preparations. We cordially invite you to contribute to this Special Issue in the form of both review articles and original research results.



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Special Issue



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Message from the Editor-in-Chief

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