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## Carbohydrate Chemistry, Nutrition and Utilization

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

Food carbohydrates, commonly known as sugar, starch, and fiber, are the most abundant and least costly food sources. According to the degree of polymerization, food carbohydrates are divided into three main groups: sugars, oligosaccharides, and polysaccharides. Carbohydrates in foods comprise a great variety of different structures, leading to a wide range of different physiological effects in the human body. This being the case, exploring the physiological properties of different types of carbohydrates and their involvement in health and disease is critical to food production. This Special Issue, titled “Carbohydrate Chemistry, Nutrition and Utilization”, will cover wide research topics, including, but not limited to, the following:

1. Relationship between the chemical structure of carbohydrates and its functions;
2. Carbohydrates and gut health as well as function;
3. Production and utilization of functional carbohydrates from food processing byproducts;
4. The physical and biological properties of carbohydrate-modified nanostructures;
5. Utilizations of novel carbohydrates in functional foods.

Prof. Dr. Yafeng Zheng

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*Guest Editors*



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**Special** Issue



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## Message from the Editor-in-Chief

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