



Bioactive Natural and Synthetic Saccharides against Human Diseases

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Message from the Guest Editor

Dear Colleagues,

Bioactive oligosaccharides are oligosaccharide molecules with specific structures and functions, synthesized or derived from natural sources. Due to their natural occurrence, non-toxic nature and biodegradability, low-molecular-weight natural oligosaccharides (e.g., chitosan and its derivatives from chitosan and chitin polymers) have attracted much attention as therapeutic candidates for a variety of diseases. Many studies have demonstrated their potential benefits in the prevention and treatment of a variety of diseases in terms of intestinal health, anti-microbial activity, immunomodulation, antioxidant, metabolic regulation and bone density protection. They also provide directions for future research and clinical practice.

In this Special Issue, we would like to emphasize the importance of natural and synthetic oligosaccharides in the prevention and treatment of human diseases. Therefore, we strongly encourage researchers to present their significant research/clinical findings to demonstrate the great biological potential of this class of natural products.

