



Modification and Application of Natural Polymers

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Natural polymers play an essential role in the human and natural world, and they can be derived from a wide variety of sources. In recent years, a large number of natural polymers have been studied extensively. These polymers show a good variety of characteristics and an excellent application prospect in the field of food and medicine. However, these polymers are sometimes less useful due to some poor properties. Thus, modified or biodegraded natural polymers tend to show better characteristics and have better applications, such as from high polymerization degree to low polymerization degree sugar tend to have higher biological activity. Natural polymers have been widely used in a variety of applications such as industry, agriculture, food, and pharmaceuticals.

The proposed Special Issue focuses on:

- The discovery of natural polymers derived from plants, animals, and microorganisms.
- The physical, chemical, and biological characterization of natural polymers.
- The modification of natural polymers.
- Synthesis of artificial polymers.
- Characteristics of the functional properties of natural polymers.
- New applications of modified or natural polymers.





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Message from the Editor-in-Chief

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