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Biosynthesis, Regulation and Application of Microbial Polysaccharides

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Message from the Guest Editors

Polysaccharides have attracted great attention from the medical and food industries as bioactive ingredients and food additives. Microbial polysaccharides comprise a large number of versatile biopolymers produced by several bacteria, yeast and fungi. The advantages of microbial polysaccharides over plant polysaccharides include their novel functions and constant chemical and physical properties. In order to efficiently improve the production of microbial polysaccharides, it is urgent to reveal the biosynthesis, regulation mechanism of microbial polysaccharides. As another concern, the current application of microbial polysaccharides is still limited. Hence, the potential application of microbial polysaccharides in different fields needs to be assessed in order to expand the range of applications.

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Message from the Editor-in-Chief

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