

Special Issue

Carbohydrate Polymers for Pharmaceutical Applications

Message from the Guest Editors

The 21st century offers vast challenges for researchers around the globe, especially regarding the effective use of carbohydrate polymers for biomedical and pharmaceutical applications. Different types of carbohydrate polymers can be engineered with desired structures and suitable physical and chemical properties that are of prime interest in a wide range of biomedical applications as diverse as drug delivery, tissue engineering, therapeutics, functional biomimetic scaffolds, regenerative dentistry diagnostics, microbial biofilms and many more. Thus, this Issue will summarize the recent development in the field of carbohydrate polymers to illustrate the new development of biomaterials. Scope: This Issue will publish high quality short communications, research papers covering the most recent advances, as well as reviews addressing state-of-the-art topics from active researchers in biomaterials concerning not only the synthesis, preparation and characterization, but especially focusing on different aspects of pharmaceutical applications.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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