

Special Issue

Main Applications of Polysaccharides: Current Vision and Future Horizon

Message from the Guest Editors

Recently, polysaccharides have received large amounts of attention because of their important health-related activities, such as antitumor, antimicrobial, antioxidant, anticoagulant, antidiabetic, UV protection, antiviral, hypoglycemic, and prebiotic activity, etc.

Polysaccharides have been widely used in a broad range of functional applications, including as nutraceuticals for the prevention of chronic disease, as immunoregulatory agents, or as drug delivery vehicles. Therefore, we would like to invite authors to contribute original research articles as well as review articles focused on the development of polysaccharides or their derivatives, including their preparation and modification, structure characterization, and bioactivity demonstrated by studies using in vitro fermentation, cell culture, animal, and human clinical trials to understand the mechanisms of action and the efficacy of bioactive carbohydrates from plants, fungi, animals, and those produced via biotechnology.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2024)



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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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