

Special Issue

Latest Research on Polysaccharides: Extraction, Structural Analysis and Applications

Message from the Guest Editors

In the natural world, polysaccharides and their derivatives are extremely numerous and varied. They have important functions in a vast array of scientific fields, including uses in fine chemicals, the medical sciences, biopharmacology, food technology, cosmetics and cosmeceuticals, biochemicals, and bioplastics. The roles of polysaccharides are quite diverse, and can serve a variety of functions, from active components of medications, delivery methods, and food additives to wound dressing, packaging, and innovative materials. To this end, organic, polymer, and biological chemists are actively exploring the new physical, chemical, enzymatic, and chemoenzymatic strategies to generate naturally sourced polysaccharide derivatives with unique features and uses. This Special Issue will be devoted to the most recent research on the themes outlined, encompassing all the elements of the extraction, structural modification, characterization, and activity of polysaccharides, as well as their widest possible applications.

Guest Editors

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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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