

Special Issue

Polysaccharides: From Basic Research to Advanced Applications

Message from the Guest Editors

Polysaccharides are polymers that are widespread in nature. Their structure is linear to highly branched and is used as energy storage or plays the role of structural components. Some of them have very specific functions and properties. Although polysaccharides have been well known for centuries, there are actual studies that push polysaccharide research further. Research starts with the isolation and structural characterisation of unknown polysaccharides, followed by their use in applications such as medicine, pharmacy, food, and cosmetics industries. This special issue focuses on the wide range of research from the isolation, structure, and composition of polysaccharides to their general and specific applications such as wound dressings, drug delivery systems, and nanoparticles. The authors may publish studies using the latest analytical methods such as chromatography (LC, GC, GPC) and spectroscopy (FTIR, NMR) as well as SEM, AFM, and others for the evaluation of polysaccharides e. g. in food, biomaterials, and drug delivery applications.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2023)



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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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