

## Special Issue

# Polysaccharides: Synthesis, Properties and Applications

### Message from the Guest Editors

I am pleased to invite you to contribute to the Special Issue entitled "Polysaccharides: Synthesis, Properties and Applications." This Special Issue aims to showcase the latest advancements and innovations in the field of polysaccharide research, from fundamental understanding to practical applications. We welcome original research articles and reviews, including, but not limited to, the following:

- Novel synthesis and extraction methods for polysaccharides;

- Chemical, enzymatic, and physical modifications of polysaccharides;
- Structure–property relationships of polysaccharides and their derivatives;
- Polysaccharide-based nanomaterials, hydrogels, and composites;
- Biomedical applications of polysaccharides, such as drug delivery, tissue engineering, and wound healing;
- Polysaccharides in food, cosmetics, and personal care products;
- Polysaccharide-based materials for environmental remediation and water treatment;
- Advances in characterization techniques for polysaccharides.

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### Guest Editors

Dr. Guantian Li

Dr. Rongfeng Li

Dr. Kun Gao

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### Deadline for manuscript submissions

31 August 2025



## Polymers

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**Impact Factor 4.9**  
**CiteScore 9.7**  
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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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