

Special Issue

Advances in Microbial Biopolymers

Message from the Guest Editors

Microbial cell factories have been well studied over the last decades for the production of a large diversity of intracellular and extracellular biopolymers. Microbial polymers, such as polysaccharides (Capsular polysaccharide, Lipopolysaccharide, and Exopolysaccharides), polyesters (Polyhydroxyalkanoates), polyphosphates, or proteinaceous compounds, are not only reported to have role in microbial pathogenicity, but also function as a protecting sheath to the microorganisms growing in the different extreme environments of Earth. Interdisciplinary research on microbial biopolymers has shone a spotlight on their cellular and molecular mechanisms of biosynthesis, and also their diverse applications in the food industry (food additives, food packaging, or food processing), wastewater treatment, bioremediation of toxic/xenobiotic compounds, the pharmaceutical industry (biomedicine and drug carriers), and much more.

Guest Editors

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Deadline for manuscript submissions

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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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